



**20**

**26**

**POOL & SPA  
PRODUCT  
CATALOGUE**

Promoting efficiency, sustainability, and performance in pools through innovation.

**WELLNESS LIVING** —

# WELLNESS LIVING

Where Performance —————  
————— Meets Perfection.

Welcome to **Emaux®**—your partner in creating exceptional aquatic environments. We specialize in innovative pool products designed to enhance wellness, leisure, relaxation, and family moments.

Our solutions prioritize **sustainability, energy efficiency, and user experience**. **Emaux®** products meet rigorous environmental standards while reducing water and energy consumption.

As **your premier supplier**, we offer a comprehensive range of high-quality, intelligent equipment—from automated pool systems to durable, integrated components—**all designed to elevate performance and simplify maintenance**.

In 2026, we celebrate the opening of our new **Zhongshan Smart Production Headquarters**, strengthening our production capabilities and commitment to superior customer service. **This milestone underscores our confidence in the industry and our promise to deliver reliable, cutting-edge solutions.**

Explore our catalog to discover how **Emaux®** can transform your pool into a sustainable, high-performance oasis. Together, let's redefine **excellence through innovation, quality, and a shared vision for the future.**



*Emaux  
Corporate  
video*





# TABLE OF CONTENT

NEW  
2026



SIGNATURE  
PRODUCT



Download  
the catalogue  
on our website



## INTRODUCTION

- 01 About Emaux
- 03 Table of Content
- 05 Company News - A Milestone Achieved
- 07 New Products 2026
- 09 How to choose the right Emaux's Variable Speed Pump
- 11 Discover our website
- 13 New Wellness brands join Emaux
- 15 General Conditions of Sale
- 16 Warranty Policy

## FILTER

- 19 Max Filters - MFV & MFS Series
- 21 Volumetric Filter
- 23 Filters - P & SP Series
- 25 Filter - V & S Series
- 27 "GDB" filters
- 29 Gelcoat Filters - GAC Series
- 31 Gelcoat Filters - TMG & SMG Series
- 33 Commercial Gelcoat Filters - SMG Series
- 34 Ring Lock Filter - SR Series
- 35 Deep Bed Filter - SDB Series
- 37 Galaxy IDE Filter
- 39 Galaxy Single-Element Cartridge Filter
- 41 Galaxy Multi-Element Cartridge Filter
- 43 Cartridge Filter Element
- 46 Cartridge Filter - CF Series
- 47 Deep Bed Filter - HD Series

## COMMERCIAL FILTER

- 49 Perlite Filtration System
- 51 NV Series FRP Media Filter - NSF Listed
- 53 General Features
- 54 Commercial Filter - NL, E and K Series
- 57 Commercial Filter - H Series
- 61 Dual Stack Sand Filter
- 63 Large Size Horizontal Sand Filter
- 65 Custom-Built Service

## FILTER SYSTEM

- 67 Ultra - Filter System - FSU Series
- 68 Compact Filter System - FSP Series
- 69 Filter System - FSP Series
- 70 Filter System - FSF Series
- 71 Filter System - FSM Series
- 72 Cartridge Filter System - FSCO Series (SS Pump)
- 73 EMD series In-ground Filter System

## FILTRATION MEDIA

- 77 Glass Filtration Media
- 78 Perlite Filter Media

## SELECTOR VALVE AND ACCESSORIES

- 81 Multiport Valves
- 82 Top Mount Multiport Valve
- 85 Side Mount Multiport Valve
- 86 Commercial Multiport Valve
- 87 Valve Manifold
- 88 Flange Connection
- 89 Flex Valve Actuator
- 90 Flex Diverter Valve
- 91 Valve
- 92 Above-Ground Pool Gate Valve
- 93 Union Set
- 94 Hose Tail Connector
- 95 Pressure Gauge

## PUMP

- 97 E-Power Variable Speed Pump   
(WiFi & Modbus option)
- 100 E-Power Pump
- 101 Super-Power Variable Speed Pump
- 103 Super-Power Variable Speed Pump - SPV125/165
- 105 Super-Power Pump (2 speeds option)
- 107 E-Turbo Variable Speed Pump
- 110 E-Turbo Pro Variable Speed Pump
- 111 E-Turbo Pump
- 112 E-Turbo Pro Pump
- 113 EcoWave Variable Speed Pump
- 115 EcoWave Pump
- 116 EcoFlow Pump
- 117 EcoFlow Variable Speed Pump
- 119 Pump - SB and SR Series
- 121 E-Force Series Pump
- 122 Pump - SC Series
- 123 All-Star Series Pumps
- 126 Pump - SS Series
- 127 Pump - SD and ST Series
- 129 Aqua-Mini Pump
- 130 Commercial Plastic Pump - Hydrau-Power
- 133 Ultra-Power Commercial Pump
- 135 Commercial Corrosion Resistant FRP Pump- SWP Series
- 139 Commercial Cast Iron Pump - SE Series
- 140 Basket Strainer
- 141 WBR Series Spa pump
- 142 SPR Series Spa pump
- 143 ABR series Air Blower
- 144 Air Blower
- 145 Pump Control Box

## DISINFECTION SYSTEM

- 149 CyberSync Series - Pool Station 
- 153 CyberSync Series Salt Chlorinator  
- 155 SSCone Salt Chlorinator 
- 157 Superior SSC Series Salt Chlorinator 
- 159 SSC Series Salt Chlorinator
- 160 SSCmini & SSCmini - FW Salt Chlorinator  
- 161 SSCnano+ Salt Chlorinator  
- 163 SSCnano Salt Chlorinator 
- 165 Ozo-Plus Ozone Generator
- 167 Sacrificial Anode Shield
- 169 Nano Tech UV-C Disinfection System 
- 173 Nano Tech MPUV Disinfection System
- 176 FOS Series UV-C Disinfection System
- 177 CyberSync Series - Dosing System 
- 181 CTRL Series Solenoid Driven Metering Pump 
- 183 Chemical Feeder

## UNDERWATER LIGHT

- 187 E-Lumen X Series Underwater Light 
- 188 E-Lumen X -"Quartz" 
- 189 E-Lumen X -"Quartz (EM)" 
- 190 E-Lumen X - Zircon 
- 191 E-Lumen X -"Eagle Eyes" underwater LED light 
- 193 E-Lumen X -"Topaz" 
- 194 ColourTouch Control Box 
- 195 E-Lumen Series Underwater Light
- 196 E-Lumen Ultra-Thin LED Panel
- 197 E-Lumen Series
- 198 E-Lumen-EL-NP300 Series
- 199 E-Lumen-EL-H200 Series
- 200 E-Lumen-EL-S300 Series
- 201 E-Lumen-EL-S100 Series
- 202 Flat Type Underwater Light - TP100
- 203 Flat Type Underwater Light - P100
- 204 Flat Type Underwater Light - CP100
- 205 Aurora Underwater Light
- 207 E-Lumen Compact Light
- 209 Ultra Slim LED Light 
- 211 Underwater Light - Housing Type - P300
- 212 Underwater Light - Housing Type - NP300
- 213 Underwater Light - Housing Type - S300
- 214 Underwater Light - Housing Type - S100
- 215 Underwater Light - Housing Type - H100/200
- 216 Spa Light P50 / P10
- 217 Terra-Lux Light
- 218 Fountain Light - F20/F20A Series
- 219 Glow+ LED Stripes 
- 221 Light Control Box
- 222 Transformer and Junction Box

## POOL FITTINGS

- 225 Heavy Duty Skimmer
- 227 Standard Skimmer
- 228 Surface Skimmer
- 229 VGB Anti Vortex Main Drain
- 231 Main Drain
- 233 Suction Fitting, Vacuum and Outlet Fitting
- 235 Inlet Fittings - Return Inlets and Wall Return
- 237 Floor Inlet, Spa Jet, Eyeball Jet & Jet Body
- 238 Spa Jet and Jet Body
- 239 Grating System
- 242 Others Equipment - Water Regulator & Conduit
- 243 Spa Fittings

## WATER FEATURES

- 247 Water Descent
- 248 LED Water Descent Control Box
- 249 PBA / PBS Series
- 250 RA / RS Series
- 251 Countercurrent Jet

## SURROUNDING EQUIPMENT

- 255 Pool Ladders
- 256 NSL / SLF Series
- 257 NSF / SFF Series
- 258 NMU / MUF Series
- 259 OF / OFF Series
- 260 BHK / BHL Series
- 261 Exit Handrail, and Other Components
- 263 Shower Head
- 265 Starting Platform
- 266 Water Cascade

## CLEANING EQUIPMENT

- 269 CleanTop Series 
- 271 Automatic Pool Cleaner - CE306
- 272 Pool Cleaning Tools - Pole and Hose
- 273 Pool Cleaning Tools - Hand Skimmer and Brush
- 274 Pool Cleaning Tools - Vacuum Head  
Economical Cleaning Accessories -
- 275 Vacuum Head and Vacuum Hose
- 276 Jet Head and Leaf Skimmer
- 277 Brushes
- 278 Brushes & Chemical Dispenser
- 279 Pool Cleaning Tools - Thermoment and Test Kit
- 280 Salinity Meter
- 281 ORP Meter, PH Meter

## HEATING EQUIPMENT

- 283 HET Series Heat Exchanger
- 284 HST Series Heat Exchanger
- 285 HE Series Heat Exchanger
- 287 EcoHeat Inverter Gold Heat Pump  
- 289 Inverter Heat Pump
- 291 B2 Series Heat Pump
- 292 B Series Heat Pump
- 293 A Series Heat Pump

## COMPETITION POOL

- 297 Starting Platform Super Racer 800
- 298 Starting Platform Racer 600  
Overflow Board Stand  
Turn Board
- 299 Racing Lane
- 300 Racing lane/Deck Hole / Overflow Anchors
- 301 Lane Roller & Lane Saver
- 302 Back Stroke & False Start Set  
Lifeguard Chair
- 303 Block Platform  
Grating

## USEFUL INFORMATION

- 305 Unit Conversion Table



## *A Milestone Achieved: Move to Emaux's Intelligent Manufacturing Plant!*

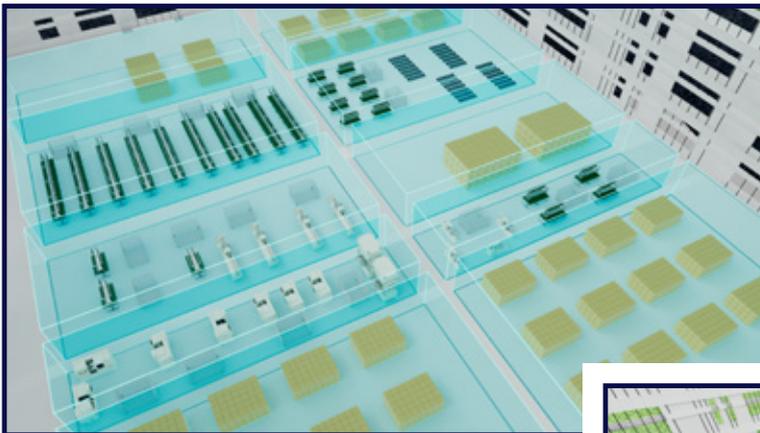
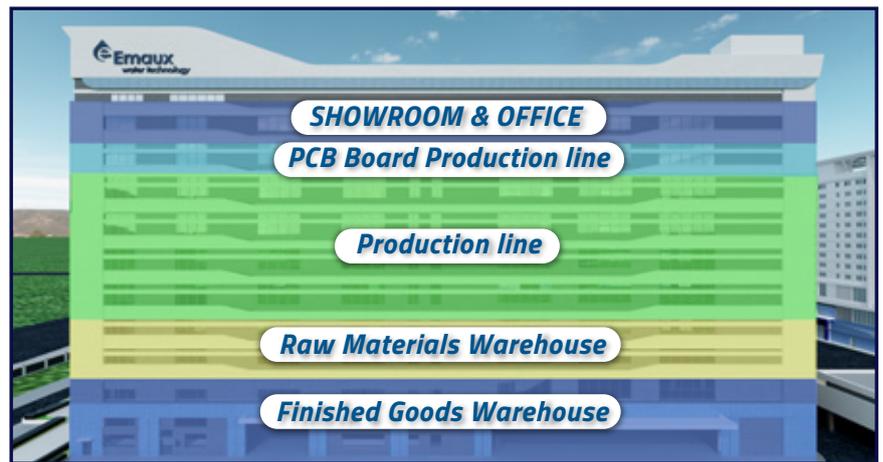
We're thrilled to celebrate a significant step in Emaux's journey! Our new, state-of-the-art manufacturing plant is a direct investment in our mission: to create your blissful pool-living experience. This expansion is designed to dramatically boost our production capacity and elevate operational efficiency, ensuring we serve you better than ever.

As we mark this achievement, we are inspired by the sentiment: "May this milestone unveil grand visions, attract prosperity and fortune, and forge brilliance through collective endeavor."

Thank you to our incredible team, partners, and customers for being part of this exciting new chapter.

### *An Innovation Milestones*





- **Motor production**
- **PCB & Smart Control production**

### **Automatic Storage Retrieval System**

It increases storage density and accuracy while minimizing labor and floor space, integrating with warehouse management software.



# NEW PRODUCTS 2026

*Innovate Your Water!*  
*Transform Your Experience!*

## ***New range of Salt Chlorinator series***



**SSCnano+ Salt Chlorinator**  
an innovative in-line low-salt chlorinator that seamlessly synchronizes with the pump.



*Low Salt*



*Self-cleaning cell*

**SSCmini-FW Salt Chlorinator**  
a low-salt chlorination for pools up to 50,000 liters.



## ***New range of Sand Filter series***

**NV SERIES FRP MEDIA FILTER - NSF Listed**

set a new standard of excellence in the recreational water industry,



**GDB Series Gelcoat Filter**

wide opening gelcoat Filter is an outstanding sand filter for swimming pool enthusiasts.



# EcoHeat

INVERTER **GOLD** HEAT PUMP

features a durable ABS body designed to withstand year-round weather conditions.



## ***New range of Pump series***

*Engineered for Easy Retrofits.*

*Built for Lasting Performance.*



**Intuitive App Control**



## **EcoFLOW**

### ***Variable Speed & Single Speed Pump***

Precise alignment with plumbing position, making it easy to replace the Astralpool CTX.

## **EcoWave**

### ***Variable Speed & Single Speed Pump***

Precise alignment with plumbing position, making it easy to replace the Kripsol Koral KSE.



## **E-TURBO PUMP PRO**

### ***Variable Speed & Single Speed Pump***

Precise alignment with plumbing position, making it easy to replace Astralpool SENA. With Adjustable base: ESPA Silen & Astralpool Victoria Plus.

## How to choose the right Emaux's variable speed pump?

The pool pump circulates the entire volume of water at least three times per day. However, using a pump that is too powerful for the filter will force water through the media too quickly, reducing its effectiveness and overall filtration quality.



**E-POWER**



**SUPERPOWER**

Model		
Horsepower	 1.5hp - 3.0hp	 1.5hp
Input	 1.5kW/ 1.8kW/ 2.2kW	 1.3kW
Noise	(( 55dB ))	(( 55dB ))
Self-Priming	 3.3m	 3.3m
Flow Rate @ 8m Head	27m <sup>3</sup> /h / 31m <sup>3</sup> /h / 36m <sup>3</sup> /h @ 3400	21m <sup>3</sup> /h @ 3400
Flow Rate @ 10m Head	25m <sup>3</sup> /h / 29m <sup>3</sup> /h / 34m <sup>3</sup> /h @ 3400	19.5m <sup>3</sup> /h @ 3400
Speed	 800-3400RPM	 800-3400RPM
Strainer Vol	 5L	 2L
Highest Efficiency	★ 85%	★ 85%
Wi-Fi & App Control		
Pumps to replace	—	Pentair Superflo & Hayward Super Pump



**SUPERPOWER**



**ETURBO**



**EcoFlow**



**EcoWave**

1.25hp - 1.65hp	1.25hp - 1.65hp	1.25hp - 1.65hp	1.25hp - 1.65hp
1.1kW/ 1.5kW	1.1kW/ 1.5kW	1.1kW/ 1.5kW	1.1kW/ 1.5kW
(( <50dB ))	(( 45dB ))	(( <50dB ))	(( <50dB ))
3.3m	3.3m	3.3m	3.3m
20m <sup>3</sup> /h / 22.5m <sup>3</sup> /h @ 3400	23m <sup>3</sup> /h / 26m <sup>3</sup> /h @ 3400	20m <sup>3</sup> /h / 23m <sup>3</sup> /h @ 3400	20m <sup>3</sup> /h / 22.5m <sup>3</sup> /h @ 3400
19m <sup>3</sup> /h / 22m <sup>3</sup> /h @ 3400	20m <sup>3</sup> /h / 24m <sup>3</sup> /h @ 3400	18m <sup>3</sup> /h / 21m <sup>3</sup> /h @ 3400	18m <sup>3</sup> /h / 21m <sup>3</sup> /h @ 3400
800-3400RPM	800-3400RPM	800-3400RPM	800-3400RPM
2L	3L	2L	3L
★ 86%	★ 86%	★ 86%	★ 86%
Pentair Superflo & Hayward Super Pump	Astralpool Victoria Plus, ESPA Silen & Astralpool SENA	Astralpool CTX	Kripsol Korall KSE

# Discover our website with an attractive design and new features

Join us on our website.  
[www.emauxgroup.com](http://www.emauxgroup.com)

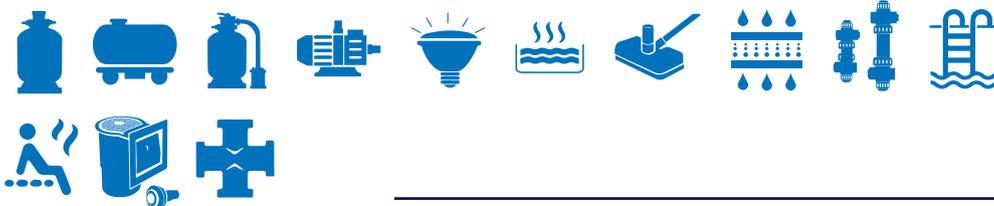


- VIDEOS AND TUTORIALS
- PRODUCT COMPARISON
- PRODUCT CAD DRAWING
- FAQ
- CONFIGURATORS
- SEARCH ENGINE



## PRODUCTS

Browse our offerings by product family and technology.



## REPLACEMENT PARTS CATALOGUE



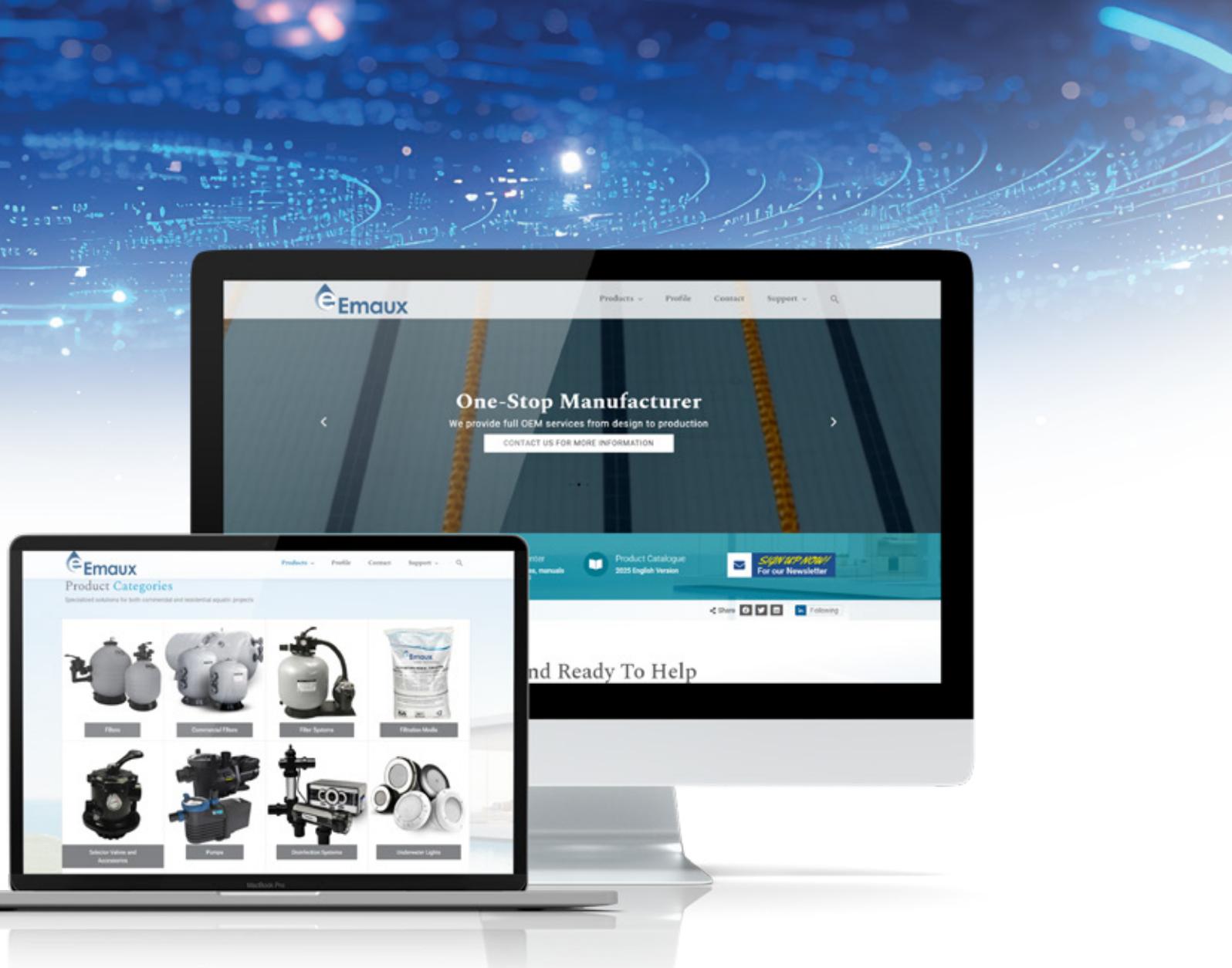
This catalogue makes it easier for customers to find information about replacement parts.

<https://emauxgroup.com/support/cat/replacement-parts-catalogue/>



## FAQ

Explore our new FAQ for answers on products, services, and maximizing your Emaux experience.



## IDEAS AND TIPS

Make your pool project a success with the latest trends, innovations, and expert advice.



## SOCIAL NETWORKS

Discover our news, our product focus, our promotions...



## PRODUCTS VIDEOS

We have produced a variety of engaging product videos for you to display at your point of sale. You can also find product support videos on this page.

<https://emaugroup.com/support/video/>





# **DOLOMITI&F**

## *New Wellness brands*

### **join EMAUX**

To better address users' diverse needs in life and health, Emaux is actively expanding its variety of products and enhancing their quality. We are pleased to announce the official incorporation of the new wellness brand **Dolomiti&F** into Emaux Water Technology Co., Ltd.

### **About Dolomiti&F**

With nearly 30 years of professional experience, Dolomiti&F specializes in producing high-quality sauna equipment and offers comprehensive OEM and ODM services. The company is equipped with advanced facilities, including its own mold workshop, laser cutting machines, and automated production lines, ensuring exceptional product stability, innovative designs, and cost-effective manufacturing processes. Our heaters are certified to international electrical standards, including CE, SAA, and EAC.

This acquisition will help us expand Emaux product line and better meet diverse customer needs, reaffirming our commitment to excellence and innovation in the industry.



### ***High Quality***

Dolomiti&F products go through a long and carefully supervised production process to guarantee the best quality of each product. From the the selection of raw materials to the final inspection, we take pride in delivering a superior product.

<https://www.dfsauna.com/>



# GENERAL CONDITIONS OF SALE

## 1. Buyer's Acceptance of Seller's General Conditions of Sale

A. The General Conditions of Sale herein shall apply to every contract of "Emaux Water Technology Co., Ltd." (hereinafter referred to as "the Seller") for the sale of manufactured materials, parts, finished products and services (hereinafter referred to as "the Goods") to any person or company who has purchased or agreed to purchase the Goods from the Seller (hereinafter referred to as "the Buyer"), unless the Seller otherwise specifically agrees in writing.

B. By placing an order to purchase the Goods, the Buyer agrees to the General Conditions of Sale herein.

C. Any alterations or amendments to the General Conditions of sale herein must be accepted by the Seller in writing. Otherwise, they should be null and void.

## 2. Minimum Order

Unless otherwise specifically agreed by the Seller, the Buyer shall be charged a processing fee of USD150.00 if the Buyer places an order whereby the purchase price of the Finished Products is less than USD1,000.00; And USD 20.00 will be charged for an order of the Parts less than USD100.00.

## 3. Acceptance and Confirmation of Order

A. Unless stated otherwise by the Seller, all quotations made by the Seller are subject to change and non-binding.

B. Any information provided by the Seller in its price lists, catalogues, prospectuses, brochures, and/or any other document is indicative only. The Seller makes no representations about the suitability of the information therein.

C. The Seller reserves the right to make adjustments to the pricing and offerings of the Goods at any time without prior notice for reasons including, but not limited to, changing market conditions, product discontinuation, product unavailability and manufacturer price changes.

D. The Seller is under no obligation to accept any order made by the Buyer.

E. No order of the Buyer shall be deemed accepted or binding upon the Seller unless accepted by the Seller on the Seller's form of order confirmation drawn up on its own letterhead, signed by an officer or employee of the Seller duly authorized to sign on behalf of the Seller, as proof of entry into the contract between the Seller and the Buyer for the sale and purchase of the Goods set out in the order confirmation and the General Conditions of Sale herein (hereinafter referred to as "the Contract").

F. Once an order has been accepted/confirmed by the Seller, the order will be considered finalised and no further changes will be accepted.

G. Each shipment is allowed to consolidate a maximum of two orders.

H. Any arrangement with agents, representatives or other intermediaries of the Seller shall be binding upon the Seller only if such arrangement is confirmed in writing by the Seller.

## 4. Letter of Credit

If the purchase price of the Goods is no less than USD8,000.00, the Seller shall agree to accept payment of the Goods from the Buyer by way of letter of credit (hereinafter referred to as the "L/C") satisfactory to the Seller, established by the Buyer in favour of the Seller and confirmed by a bank acceptable to the Seller. The L/C shall be for the purchase price payable for the Goods (together with any tax, VAT or customs clearance duties payable) to the Seller under the Contract. Further details on the procedure of L/C can be requested from the administrative department of the Seller at any time.

## 5. Charges and Payment

A. The purchase price of the Goods quoted by the Seller is exclusive of all costs and charges of packaging, insurance, transportation and shipping of the Goods and any financial charges levied by the Buyer from the payment for the Goods, which shall be paid by the Buyer.

B. The purchase price of the Goods quoted by the Seller is exclusive of all tax, VAT or customs clearance duties which are Buyer's responsibility to pay and clear under their local laws.

C. The Seller reserves the right to increase the purchase price of the Goods, by giving notice to the Buyer at any time before the delivery of the Goods that is due to:

I. any request from the Buyer to change the delivery date, quantities or types of the Goods ordered, or the specifications of the Goods;

II. any factors beyond the reasonable control of the Seller; and/or

III. any delay caused by the Buyer's instruction in respect of the Goods or failure of the Buyer to give the Seller adequate or accurate information or instructions.

D. Any grant of credit terms must be agreed in advance in writing by the Seller. Full payment is then due in accordance with the agreed credit terms.

E. The Seller reserves the right to cancel the Buyer's credit at any time by giving written notice to the Buyer in which case all amounts due from the Buyer shall become immediately due and payable.

F. The Seller shall issue an invoice to the Buyer in accordance to the agreed terms under the Contract and the General Conditions of Sale herein. The Buyer shall pay for each invoice in full to a bank account nominated in writing by the Seller in accordance with any agreed credit terms under the Contract. The invoices are due and payable within the time period specified on the invoice, measured from the date of invoice.

G. Without limiting any other right or remedy available to the Seller, if the Buyer fails to make any payment to the Seller by the due date, the Seller shall have the right to charge an interest on the overdue amount at the rate of 1.5 percent per month accumulating on a daily basis from the due date until the date on which the full payment of the overdue amount is received by the Seller.

H. In the event of any delay in payment, even partial, the Seller shall have the right to suspend deliveries of the Goods and may, at its option, require immediate payment of all sums owed by the Buyer or terminate the Contract.

I. The Buyer shall pay all amounts due under the Contract in full without any counter-claim, set-off, deduction or withholding (except for any deduction or withholding required by law). Only in cases when the Seller issues a credit note to the Buyer, the Buyer can withhold payment to the extent that the withholding amount is not more than the amount stated on the issued credit note.

## 6. Title and Risk

A. Title to the Goods shall remain vested in the Seller and shall not pass to the Buyer until the purchase price for the Goods has been paid in full and received by the Seller. Until title to the Goods has passed to the Buyer:

I. the Seller shall have authority to retake, sell or otherwise deal with and/or dispose of all or any part of the Goods prior to the full payment;

II. the Buyer shall hold the Goods on trust for the Seller;

III. the Seller (and its agents and employees) shall be authorized, at any time and without the need to give notice (and accompanied by any court representative is mandatory under the applicable law), enter the Buyer's premises during working hours in order to proceed with an examination or recovery of Goods to which it has retained title;

IV. the Buyer shall store or mark the Goods in a manner reasonably satisfactory to the Seller indicating that title to the Goods remains vested in the Seller;

V. the Buyer shall insure the Goods to their full replacement value, and arrange for the Seller to be noted on the policy of insurance as the loss payee; and

VI. the Buyer shall indemnify and hold harmless the Seller from and against any claim, action, suit or demand or any expense, loss, damage or liability suffered or incurred arising out of or incidentally to any misrepresentation, breach of warranty or breach or non-fulfillment of any material covenant, obligation or agreement of the Buyer set forth in the General Conditions of Sale herein, associated with the order or under the Contract.

B. Irrespective of whether title to the Goods remains vested in the Seller, all risk of loss or damage to the Goods shall pass to the Buyer immediately upon delivery of Goods by the Seller.

C. The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness of the Goods which remain the property of the Seller, but if the Buyer does so, all monies owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable.

## 7. Termination and Cancellation

Without limiting its other rights or remedies, the Seller reserves the full right to terminate any transaction if the Buyer breaches any of the terms herein or under the Contract, or delay partial or total payment of the order, or delay the payment of previous orders. The Buyer cannot cancel an order or any part of an order without the express consent of the Seller in writing and any cancellation that the Seller may in its sole discretion consent to shall be subject to a handling fee equivalent to 30% of the purchase price of the Goods affected by the cancellation or the deposit paid by the Buyer (whichever is higher), without limiting the Seller's right to claim the damages caused by the cancellation of the order.

## 8. Storage Policy

All orders must be shipped within ten (10) days of completion to avoid storage fees. A storage fee of \$50 per container per day will be charged if the order is not shipped after ten (10) days of completion. For orders not shipped after twenty (20) days of completion, Emaux reserve the right to cancel the entire order. And if there are any deposit payments, they will result in forfeiture.

## 9. Claims

Any claims must be made in writing and must indicate in detail the defects and/or non-compliances contested within 14 days of the receipt of the Goods. If the Goods happened to be damaged in the shipment process, the claims must be filed to the delivering carrier and noted on the freight bill before the receipt of the Goods.

## 10. Force majeure

The Seller shall not be liable or responsible for any delays in delivery and failure to do so if the conditions were deemed out of the control of the Seller, including but not limited to fires, act of God, strikes, labor difficulties, acts of government and military authorities. Should such events continue to prevent the Seller from performing the Contract, the Seller may terminate the Contract.

# PRODUCT WARRANTY POLICY

## Introduction

This warranty supersedes all previous publications. Emaux Water Technology Co., Ltd. ("Emaux") manufactures its products with the highest standard of workmanship, using the best materials available through state of the art process. Emaux proudly warrants its products as follows:

## Warranty for Specific Products (from Date of Invoice)

Product	Warranty Period
<b>FILTER</b>	
MFV & MFS Series Max Filter	5 years - filter tank, 1 year - all other parts
T series Volumetric Filter	5 years - filter tank, 1 year - all other parts
P & SP Series Filter	3 years - filter tank, 1 year - all other parts
V, S, SR, SDB, LF, HD Series filament wound Filter	5 years Pro-Rata - filter tank, 1 year - all other parts
GAC, GDB, TMG & SMG Series Gelcoat Filter	5 years Pro-Rata - filter tank, 1 year - all other parts
Galaxy Series - Cartridge Filter & IDE Filter	2 years - filter tank, 1 year - all other parts
Cartridge Filter - CF Series	
<b>COMMERCIAL FILTER</b>	
NV, NL, E & K series Vertical Filter	5 years Pro-Rata - filter tank, 1 year - all other parts
H series Horizontal Filter	5 years Pro-Rata - filter tank, 1 year - all other parts
Large Size Horizontal Sand Filter	5 years Pro-Rata - filter tank, 1 year - all other parts
<b>PUMP</b>	
EPV, EPH, SPV, SPH, ETV, ET, ECFV, ECF, ECWV, ECW Pump	3 years (Variable Speed Driver - 2 year, Seal & Oring - 1 year)
E-Force, SB, SR, SC, SS Pump	2 years (Seal & Oring - 1 year)
All-Star, SD, ST, AquaMini	1 year
Hydrau-Power, Ultra-power, SE Commercial Pump	3 years (Seal & Oring - 1 year)
SWP Commercial Pump	5 years Pro-Rata (Seal & Oring - 1 year)
Basket Strainer	3 years (seal & Oring - 1 year)
WBR, SPR, ABR Pump	1 year
Air Blower	1 year
Pump Control Box	1 year
<b>DISINFECTION</b>	
Nano-Tech UV-C, MPUV, and FOS Series system	2 years (lamp & sleeve - 1 year)
Salt Chlorinator	2 years
Ozo-Plus Ozone Generator OZG-4G and OZG-8G System	2 years
Chemical feeder CL/CLL Series	1 year
CyberSync series Pool Station, Salt Chlorinator & Dosing System	2 years (Sensor - 1 year)
CTRL Series solenoid Driven Metering Controller	2 years (Sensor - 1 year)
<b>UNDERWATER LIGHT</b>	1 year
<b>SURROUNDING EQUIPMENTS</b>	1 year
<b>HEAT PUMP &amp; HEAT EXCHANGER</b>	1 year
<b>WHITE GOODS</b>	1 year
<b>CLEANING EQUIPMENT &amp; ALL OTHERS</b>	1 year

**NOTE: Pro-rata = 3yrs full, 4th 50%, 5th 30%**

## This warranty shall not apply in the event of:-

1. Damage caused by careless handling, improper repackaging, or shipping.
2. Damage due to misapplication, misuse, abuse or failure to operate and install the equipment as specified in the owner's manual.
3. Damage caused by misuse, abuse or failure to operate and install the equipment out of the scope of a professional level demanded in similar equipment or installation type.
4. Damage due to unauthorized product modifications or failure to use original replacement parts of Emaux.
5. Damage caused by negligence or failure to properly maintain products as specified in the owner's manual.
6. Damage caused by failure to maintain water chemistry in conformity with the standards of the swimming pool industry for any length of time.

7. Damage caused by water freezing inside the product.
8. Accidental damage, fire, or other circumstances outside the control of Emaux
9. any willful modification, alteration, or repair in any way made to any part of the product by any person that is not authorized by Emaux.
10. Wear & tear parts.
11. Damage caused by the misapplication of electricity, natural calamities, or physical force.

## Claim Process

Summary of Emaux's Claim Process in 3 Steps:-

1. Claim against the warranty: Customer contacts Emaux's salesperson and provides completed details of the claim which includes:
  - Information about the failed/damaged products e.g. the product part number(s) and serial number(s)
  - Description of the complaint/failure
  - Relevant pictures
2. Once the complaint is received, it will be reviewed by Emaux's Quality Department in accordance with the "Emaux Warranty Policy" in the 2021 Emaux Product Catalogue.
3. After the investigation is completed, Emaux will inform the distributor of the said products and follow up with the customer accordingly.

## Emaux's Liability for the Products

Emaux warrants that its products are of sound material and workmanship. Should a defect become evident during the term of the warranty, Emaux will, at its option, repair or replace such item or part at its own cost and expense. The customer will need to follow the above warranty claim process from Emaux in order to obtain the benefit of this warranty.

Emaux is not, however, responsible under this warranty for any cost of shipping or transportation for the return of the products to Emaux and the delivery of repaired or replacement product to the customer. Emaux shall not be liable for any loss of time, inconvenience, incidental expenses such as labor cost, phone calls, legal cost or material cost incurred in connection with the replacement or removal of the product, and any other consequential or incidental damage on persons or assets. Emaux will not be responsible for any business profit loss due to operation stop and the non-conformity product. No indemnity or damages can be claimed on any account what so ever.

## Warranty or Representations by Others

No dealer or other person has the authority to provide any warranty on behalf of Emaux or its brands/group. Accordingly, Emaux shall not responsible for any such warranty or representation.

Emaux Warranty Policy (2025/2026): This document supersedes all previous versions of our statements / publications.

Emaux Water Technology Co., Ltd. reserves the final right to exercise all warranties in case of disputes.





# ***FILTER***

# Max Series Filter

For residential and semi-commercial pools

## USER - FRIENDLY AND INNOVATIVE DESIGN

Emaux's innovative design and advanced technology offer superior filtration performance and crystal clear water. Max series filters are seamless, one-piece blow-molded filter tank in high density polyethylene for heavy duty use and reliability.



Tank Material

HDPE

Max Operating Pressure

40 psi / 2.8 bar

Max Temperature

50°C (122°F)

Suggested Size of Media

0.5-0.8mm

**Max Series Filters are equipped with:**

1. 6-way multiport valve  
(MFV: 1.5"MPV07, 2"MPV08)  
(MFS: 1.5"MPV03, 2"MPV04)
2. Universal standard of union connection
3. Pressure gauge
4. PVC & ABS Lateral system
5. Piping kit

## Features



Unique one-piece clamp with screw-type lock simplifies installation, allowing tool-free servicing.



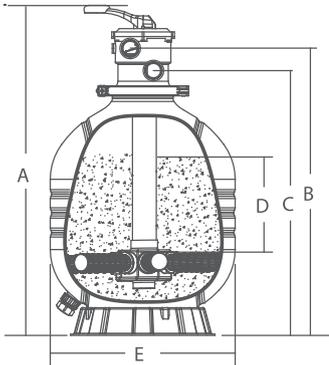
Equipped with a 6-way multiport valve which is constructed with sturdy ABS and marine-grade stainless steel.



Easy-to-read pressure gauge for inspection, and one-piece clamp for easy removal of lid and access to interior.

## MFV Series

### Top Mount Filters



### Product Dimensions

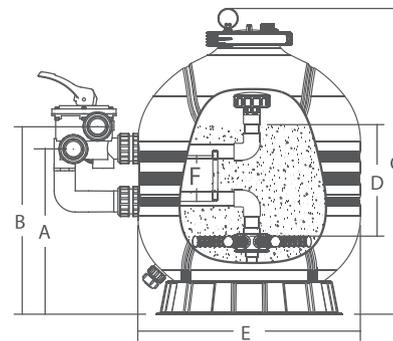
Model	A mm	B mm	C mm	D mm	E mm
MFV17	816	695	625	195	425
MFV20	889	772	712	225	500
MFV24	980	860	800	280	600
MFV24B	1032	873	807	280	600
MFV27A	1081	963	903	300	675
MFV27	1133	976	910	300	675
MFV31A	1126	1008	948	370	775
MFV31	1178	1021	955	370	775
MFV35	1296	1139	1073	440	875

### Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9010101	MFV17	0.14	1.5" / 50mm	117 lpm 7.0m <sup>3</sup> /h	40
9010102	MFV20	0.20	1.5" / 50mm	167 lpm 10.0m <sup>3</sup> /h	70
9010103	MFV24	0.28	1.5" / 50mm	233 lpm 14.0m <sup>3</sup> /h	125
9010109	MFV24B	0.28	2.0" / 63mm	233 lpm 14.0m <sup>3</sup> /h	125
9010104	MFV27A	0.36	1.5" / 50mm	240 lpm 14.4m <sup>3</sup> /h	185
9010105	MFV27	0.36	2.0" / 63mm	300 lpm 18.0m <sup>3</sup> /h	185
9010106	MFV31A	0.47	1.5" / 50mm	313 lpm 18.8m <sup>3</sup> /h	250
9010107	MFV31	0.47	2.0" / 63mm	392 lpm 23.5m <sup>3</sup> /h	250
9010108	MFV35	0.61	2.0" / 63mm	508 lpm 30.5m <sup>3</sup> /h	325

## MFS Series

### Side Mount Filters



### Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
MFS17	355	418	670	195	425	125
MFS20	396	549	760	225	500	125
MFS24	430	493	825	280	600	125
MFS27A	480	543	946	300	675	125
MFS27	460	546	946	300	675	130
MFS31A	506	569	968	370	775	125
MFS31	508	594	968	370	775	130
MFS35	564	650	1086	440	875	130

### Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9010201	MFS17	0.14	1.5" / 50mm	117 lpm 7.0m <sup>3</sup> /h	40
9010202	MFS20	0.20	1.5" / 50mm	167 lpm 10.0m <sup>3</sup> /h	70
9010203	MFS24	0.28	1.5" / 50mm	233 lpm 14.0m <sup>3</sup> /h	125
9010204	MFS27A	0.36	1.5" / 50mm	240 lpm 14.4m <sup>3</sup> /h	185
9010205	MFS27	0.36	2.0" / 63mm	300 lpm 18.0m <sup>3</sup> /h	200
9010206	MFS31A	0.47	1.5" / 50mm	313 lpm 18.8m <sup>3</sup> /h	250
9010207	MFS31	0.47	2.0" / 63mm	392 lpm 23.5m <sup>3</sup> /h	250
9010208	MFS35	0.61	2.0" / 63mm	508 lpm 30.5m <sup>3</sup> /h	325

# Volumetric Filter

For residential and semi-commercial pools

## ENGINEERED FOR THE DIFFERENCE

One-piece blow-molded filter tank combining the technology of structural engineered high-density polyethylene material manufactured to maximize the strength of the filter. It is perfectly suited for all pools with different disinfection systems (Salt chlorinator, Ozone, UV, and chemical dosing).

The Volumetric Filter is designed for the best clarity of filtered water and has an outstanding pressure standard among the market benchmarks.

The filter incorporates a multiport valve manufactured from robust components to create the most efficient, reliable, and user-friendly filter positioning it in the market for the best return on investment.

**Volumetric**



Model: T600



Model: T450



[Product Video](#)

### Tank Material

HDPE

### Max Operating Pressure

58 psi / 4.0 bar

### Max Temperature

50°C (122°F)

### Suggested Size of Media

0.5-0.8mm

### Volumetric Filter is equipped with:

1. 6-way clamp style multiport valve (1.5"MPV07, 2"MPV08)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system

## Advantages

### 1. Better Water:

30% more volume of filtration bed compared to other filters in the market improves the filtration quality.

### 2. Less Backwash:

The high volume of filtration bed allows the filter to trap more dirt and as a result, less frequency of backwash is required.

### 3. User-friendly:

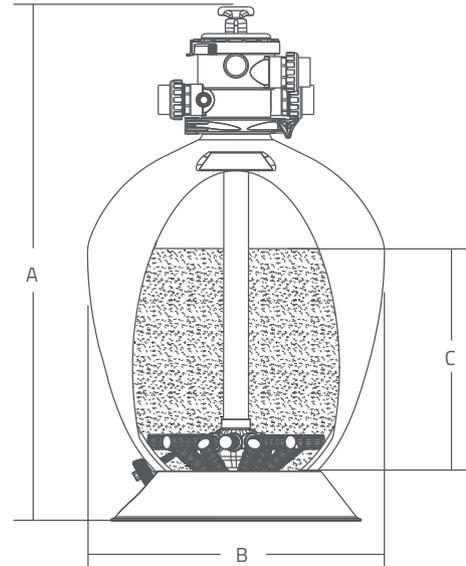
Easy to install, maintain and replace. Affordable spare parts available.

### 4. High compatibility:

The filter and its components are compatible with all different kinds of pool applications.

### 5. Robust Performance:

HDPE filter body provides the best protection under any extreme weather conditions.



## Product Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)	A mm	B mm	C mm
9010501	T450	0.16	1.5" / 50mm	8.0m <sup>3</sup> /h	75	964	457	353
9010502	T500	0.20	1.5" / 50mm	10.0m <sup>3</sup> /h	95	1040	508	400
9010503	T600	0.29	1.5" / 50mm	14.6m <sup>3</sup> /h	165	1090	610	457
9010504	T700	0.39	1.5" / 50mm	19.5m <sup>3</sup> /h	200	1180	711	516
9010505	T600B	0.29	2.0" / 63mm	14.6m <sup>3</sup> /h	165	1142	610	457
9010506	T700B	0.39	2.0" / 63mm	19.5m <sup>3</sup> /h	200	1232	711	516

## Professional approach for creating better water

### 1. 6-Way Multiport Valve

Unique design allows tool-free service and maintenance

### 2. Filtration Bed

30% higher filtration bed promotes deeper water filtration for better water quality

### 3. Drain Cover

Robust and reliable to reduce operating and maintenance costs

### 4. Handy Clamp Lock

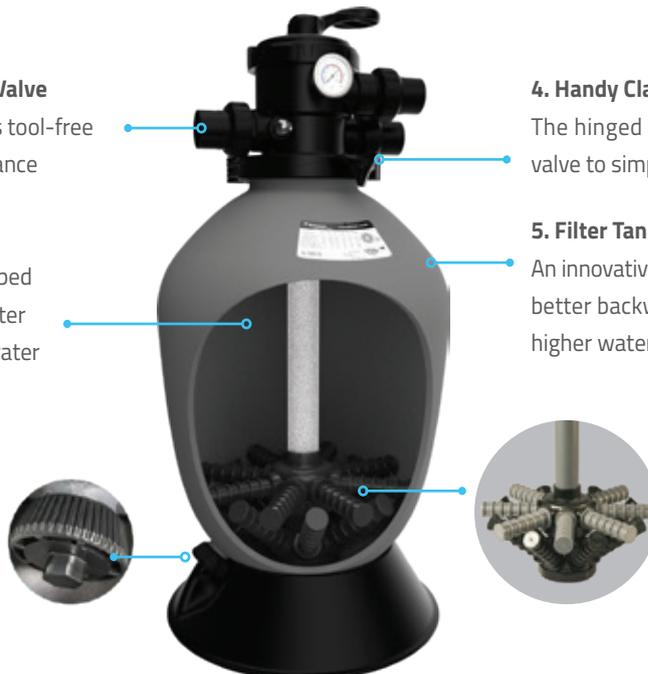
The hinged clamp allows 360° rotation of the valve to simplify installation and plumbing work

### 5. Filter Tank

An innovative T-shaped filter tank is designed for better backwashing. HDPE tank can withstand higher water pressure and water temperature

### 6. Double-Layered Lateral System

Benefits from uniform filtered water collection and provides thorough backwashing of the filter media



# P & SP Series Filters

For above-ground and residential pools

## LIGHT YET STRONG

P and SP Series Filters withstand many years of prolonged exposure to sunlight. The UV-resistant one-piece blow-molded filter tank has been well-received by the industry, not only because of the durability of the material, but also due to its reliable performance and economy.



### Tank Material

HDPE

### Max Operating Pressure

28 psi / 2.0 bar

### Max Temperature

40°C (104°F)

### Suggested Size of Media

0.5-0.8mm

### SP Series Filter is equipped with :

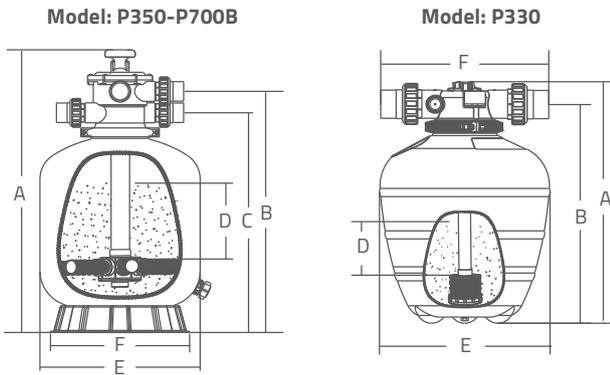
1. 6-way multiport valve (1.5"MPV03)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Lateral system

### P Series Filter is equipped with :

1. 6-way clamp style multiport valve (1.5"MPV01)
2. Universal standard of union connection
3. Pressure gauge
4. Lateral system

# P Series

## Top Mount Filters



### P Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
P330	470	426	/	145	330	345
P350	726	619	550	160	350	298
P400	757	640	590	175	400	390
P450	814	698	638	210	449	390
P500	845	730	670	235	527	500
P650	950	835	775	300	627	500
P700	1020	905	845	330	703	500
P650B	1002	860	782	300	627	500
P700B	1072	930	852	330	703	500

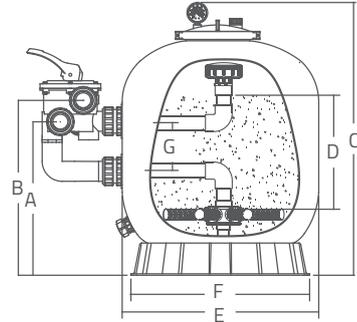
### P Series Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9010009	P330	0.08	1.5" / 50mm	133.3 lpm 8.0m <sup>3</sup> /h	17
9010001	P350	0.10	1.5" / 50mm	72 lpm 4.32m <sup>3</sup> /h	20
9010002	P400	0.13	1.5" / 50mm	102 lpm 6.12m <sup>3</sup> /h	35
9010003	P450	0.16	1.5" / 50mm	130 lpm 7.80m <sup>3</sup> /h	45
9010004	P500	0.22	1.5" / 50mm	180 lpm 10.80m <sup>3</sup> /h	85
9010005	P650	0.31	1.5" / 50mm	255 lpm 15.30m <sup>3</sup> /h	145
9010006	P700	0.39	1.5" / 50mm	320 lpm 19.20m <sup>3</sup> /h	210
9010007	P650B	0.31	2" / 63mm	267 lpm 16.00 m <sup>3</sup> /h	145
9010008	P700B	0.39	2" / 63mm	336 lpm 20.16 m <sup>3</sup> /h	210



# SP Series

## Side Mount Filters



### SP Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
SP450	370	433	730	210	449	390	125
SP500	375	438	770	235	527	500	125
SP650	425	488	850	300	627	500	125
SP700	460	523	960	330	703	500	125

### SP Series Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9011001	SP450	0.16	1.5" / 50mm	130 lpm 7.80m <sup>3</sup> /h	45
9011002	SP500	0.22	1.5" / 50mm	180 lpm 10.80m <sup>3</sup> /h	85
9011003	SP650	0.31	1.5" / 50mm	255 lpm 15.30m <sup>3</sup> /h	145
9011004	SP700	0.39	1.5" / 50mm	320 lpm 19.20m <sup>3</sup> /h	210

Suggested sand weight varies with the differences in filter media size. For reference only.



# V & S Series Filters

For residential and semi-commercial pools



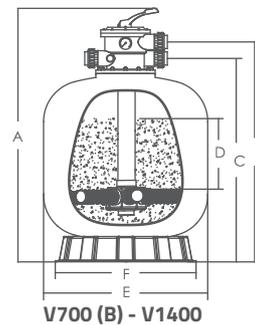
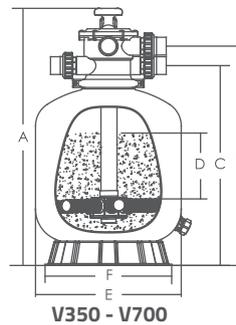
Model: V900

Model: V700(B)

Model: V450

## V Series Product Dimensions

Model No	A mm	B mm	C mm	D mm	E mm	F mm
V350	726	619	550	160	355	298
V400	757	640	590	175	410	390
V450	814	698	638	210	455	390
V500	845	730	670	235	535	500
V650,V650PB	950	835	775	300	635	500
V650(B)	957	815	731	300	635	500
V700	1020	905	845	330	710	500
V700(B)	1092	960	877	390	723	500
V800	1200	1085	1002	425	800	780
V900	1300	1172	1090	480	900	780
V900(C)	1334	1242	1145	480	900	780
V1000	1400	1340	1260	580	1000	780
V1000(C)	1434	1410	1160	580	1000	780
V1200	1600	1550	1468	740	1200	1000
V1200(C)	1634	1620	1368	740	1200	1000
V1400	1845	1683	1586	750	1400	1000



### V Series Filter is equipped with :

1. 6-way clamp/bolt style multiport valve (1.5"MPV01, 2"MPV02, 2.5"MPV12)
2. Universal standard of union connection
3. Pressure gauge
4. Lateral system

### Tank Material

Bobbin Wound  
Reinforced Fiberglass

### Max Operating Pressure

36 psi / 2.5 bar

### Max Temperature

43°C (109°F)

### Suggested Size of Media

0.5-0.8mm

## V Series Technical Information

Code (2.5 Bar)	Code (4 Bar)	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9010401	/	V350	0.09	1.5" / 50mm	72 lpm 4.32m <sup>3</sup> /h	20
9010402	/	V400	0.13	1.5" / 50mm	108 lpm 6.48m <sup>3</sup> /h	35
9010403	/	V450	0.16	1.5" / 50mm	135 lpm 8.10m <sup>3</sup> /h	45
9010404	/	V500	0.22	1.5" / 50mm	185 lpm 11.10m <sup>3</sup> /h	85
9010405	/	V650	0.32	1.5" / 50mm	260 lpm 15.60m <sup>3</sup> /h	145
9010407	/	V650(PB)	0.32	2.0" / 63mm	267 lpm 16.00m <sup>3</sup> /h	145
9010301	/	V650(B)	0.32	2.0" / 63mm	267 lpm 16.00m <sup>3</sup> /h	145
9010406	/	V700	0.40	1.5" / 50mm	325 lpm 19.50m <sup>3</sup> /h	210
9010302	/	V700(B)	0.41	2.0" / 63mm	336 lpm 20.16m <sup>3</sup> /h	215
9010303	/	V800	0.50	2.0" / 63mm	415 lpm 24.90m <sup>3</sup> /h	355
9010304	9010315	V900	0.64	2.0" / 63mm	520 lpm 31.20m <sup>3</sup> /h	470
9010308	9010319	V900(C)	0.64	2.5" / 75mm	533 lpm 32.00m <sup>3</sup> /h	470
9010305	9010313	V1000	0.79	2.0" / 63mm	658 lpm 39.50m <sup>3</sup> /h	620
9010309	9010321	V1000(C)	0.79	2.5" / 75mm	658 lpm 39.50m <sup>3</sup> /h	620
9010306	9010311	V1200	1.13	2.0" / 63mm	941 lpm 56.50m <sup>3</sup> /h	860
9010310	9010322	V1200(C)	1.13	2.5" / 75mm	941 lpm 56.50m <sup>3</sup> /h	860
9010307	9010320	V1400	1.54	2.5" / 75mm	1155 lpm 69.30m <sup>3</sup> /h	1400

## WIDEST CHOICES FOR DIFFERENT POOL SIZES

The bobbin-wound filter is manufactured by computerized fiberglass filament winding technology. This provides the mechanical strength of the filter tank and its ability to withstand pressure. V Series and S Series are manufactured by automatic bobbin winding technology from long-lasting and non-corrosive fiberglass and resin. The UV resistant composites allow the filter to resist extreme weather conditions for a long working life without corrosion.

### S Series Filter is equipped with :

1. 6-way multiport valve  
(1.5"MPV03, 2"MPV04, 2.5"MPV13)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Lateral system

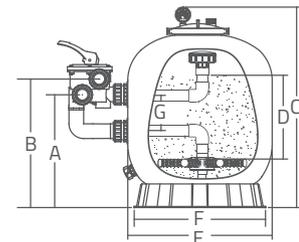


### S Series Product Dimensions

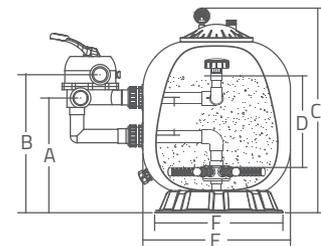
Model No	A mm	B mm	C mm	D mm	E mm	F mm	G mm
S450	370	433	730	210	455	390	125
S500	375	438	770	235	535	500	125
S650	425	488	850	300	635	500	125
S700	460	523	960	330	710	500	125
S700(B)	520	606	890	390	723	500	220
S800	605	691	1050	425	820	780	220
S900	655	741	1180	480	920	780	220
S900(C)	671	768	1180	380	920	780	236
S1000	710	796	1220	580	1020	780	220
S1000(C)	746	843	1220	480	1020	780	236
S1200	820	906	1410	740	1200	1000	220
S1200(C)	836	933	1410	640	1200	1000	236
S1200(D)	915	1025	1410	640	1200	1000	350

### S Series Technical Information

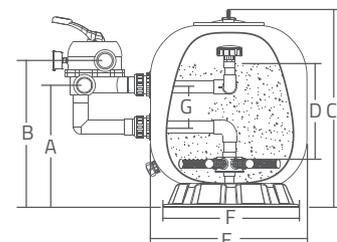
Code (2.5 Bar)	Code (4 Bar)	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)	
9011201	/	S450	0.16	1.5" / 50mm	135 lpm	8.1m <sup>3</sup> /h	45
9011202	/	S500	0.22	1.5" / 50mm	185 lpm	11.10m <sup>3</sup> /h	85
9011203	/	S650	0.32	1.5" / 50mm	260 lpm	15.60m <sup>3</sup> /h	145
9011204	/	S700	0.40	1.5" / 50mm	325 lpm	19.50m <sup>3</sup> /h	210
9011101	/	S700(B)	0.41	2.0" / 63mm	336 lpm	20.16m <sup>3</sup> /h	215
9011102	9011107	S800	0.53	2.0" / 63mm	435 lpm	24.10m <sup>3</sup> /h	355
9011103	9011105	S900	0.64	2.0" / 63mm	530 lpm	31.80m <sup>3</sup> /h	470
9011104	9011108	S900(C)	0.64	2.5" / 75mm	530 lpm	31.80m <sup>3</sup> /h	470
9011301	9011307	S1000	0.79	2.0" / 63mm	658 lpm	39.50m <sup>3</sup> /h	620
9011302	9011308	S1000(C)	0.79	2.5" / 75mm	658 lpm	39.50m <sup>3</sup> /h	620
9011303	9011309	S1200	1.13	2.0" / 63mm	880 lpm	52.80m <sup>3</sup> /h	860
9011304	9011310	S1200(C)	1.13	2.5" / 75mm	975 lpm	58.50m <sup>3</sup> /h	860
9011306	9011311	S1200(D)	1.13	3.0" / 90mm	947 lpm	56.50m <sup>3</sup> /h	860



S450-S700



S700(B)-S900



S1000-S1200

# GDB Series Gel-Coat Filter NEW

For residential and commercial pools

## DURABLE AND TRUSTWORTHY

The Emaux wide opening gelcoat Filter is an outstanding sand filter for swimming pool enthusiasts. Its flawless gelcoat surface is not only aesthetically pleasing but also resistant to corrosion. The specially deepened sand layer enhances water clarity, while the transparent wide filter cover and side view panel simplify monitoring, ensuring optimal filter maintenance. Equipped with the reliable and durable Emaux 6-way valve, this laminated filter stands out as one of the most advanced sand filters available.





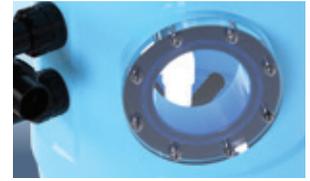
ABS lateral system



Solid 30mm thick transparent lid



6-way valve with multiple connection



Side sight panel for instant checking

Tank Material

Gelcoat Fiberglass

Max Operating Pressure

36 psi / 2.5 bar

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

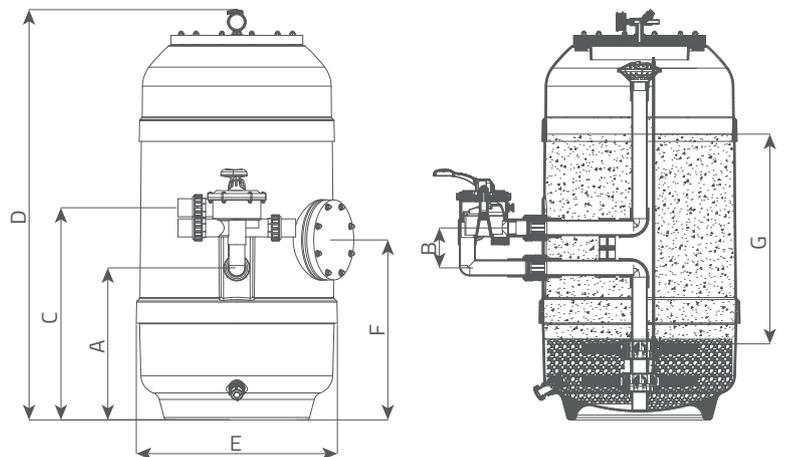


GDB Filter is equipped with :

1. 6-way multiport valve  
(1.5" for GDB500/GDB600, 2"for GDB750)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system
5. Piping kit

Optional Accessories

Code	Description
440650017	Type-C charging LED light, Battery capacity 4500mAh



Product Information

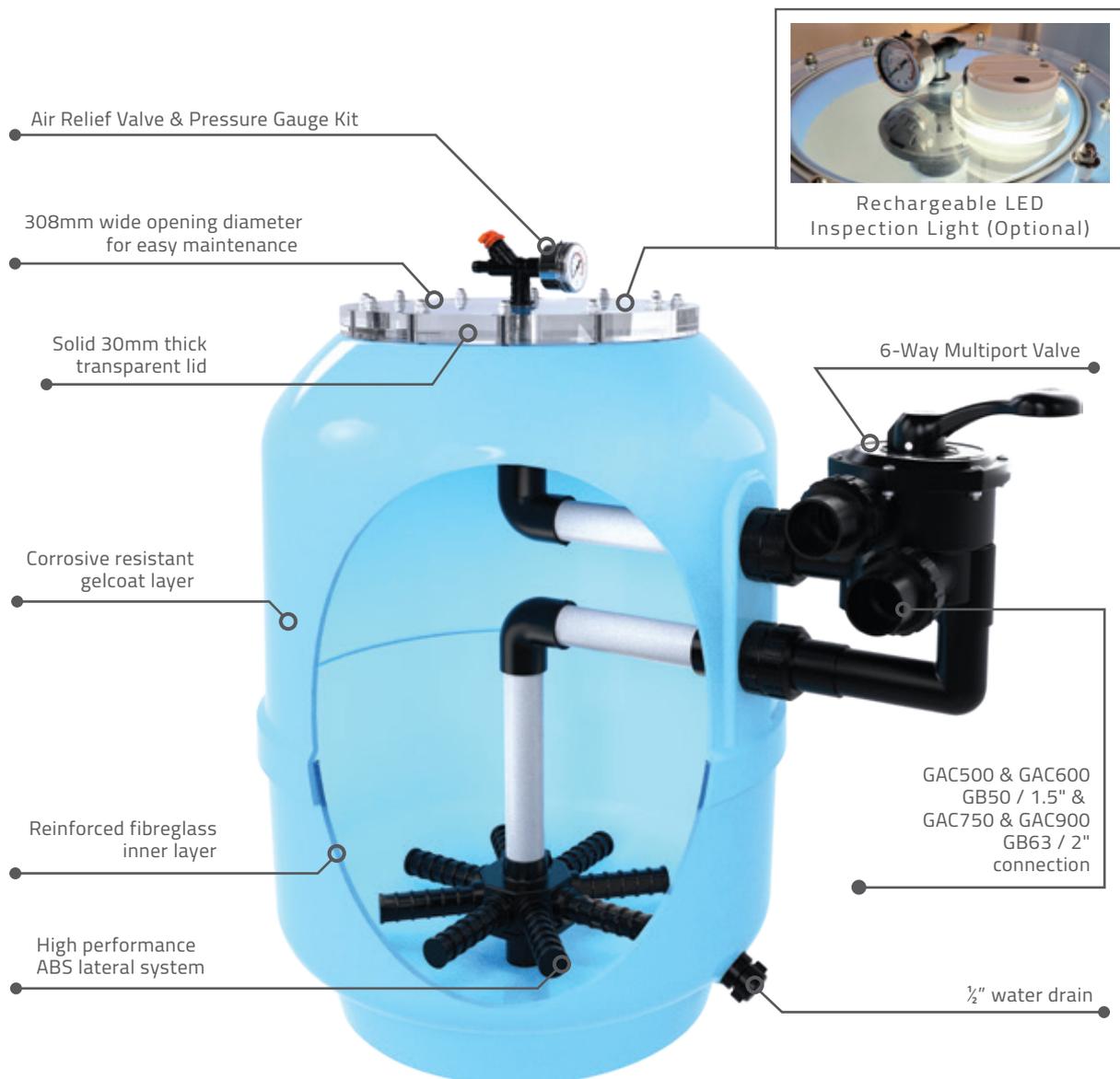
Code	Model	Filter Area		Max Flow Rate			Sand		In / Outlet Connections		A	B	C	D	E	F	G
		ft <sup>2</sup>	m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	lbs	kgs	GB (mm)	ANSI	mm	mm	mm	mm	mm	mm	mm
9015801	GDB500	2.1	0.2	44	166	10	353	160	GB50	1.5"	372	125	560	1081	524	449	450
9015802	GDB600	3	0.28	62	233	14	703	319	GB50	1.5"	465	125	653	1282	628	562	650
9015803	GDB750	4.7	0.44	97	367	22	1312	595	GB63	2"	560	140	786	1480	774	574	830

# GAC Series Gel-Coat Filter

For residential and commercial pools

## STRIKING AND RELIABLE

Emaux wide opening gelcoat filter is the perfect sand filter for all swimming pool enthusiast. The flawless gelcoat filter surface is not only eye catching but also corrosion resistant. The transparent wide filter lid provide an exceptional size to monitor and maintain the best filter condition. With the reliable and durable Emaux 6-way valve, this laminated filter is one the most sophisticated sand filter in the market.



### Features



ABS lateral system



Solid 30mm thick transparent lid



6-way valve with multiple connection



Air Relief Valve & Pressure Gauge Kit



Tank Material  
**Gelcoat Fiberglass**

Max Operating Pressure  
**36 psi / 2.5 bar**

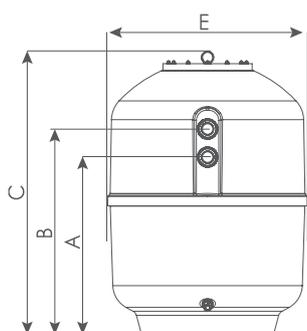
Max Temperature  
**43°C (109°F)**

Suggested Size of Media  
**0.5-0.8mm**

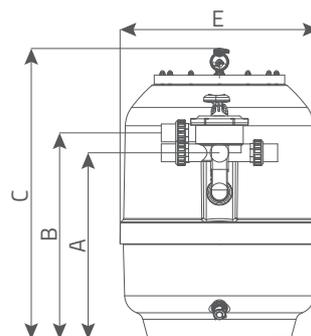
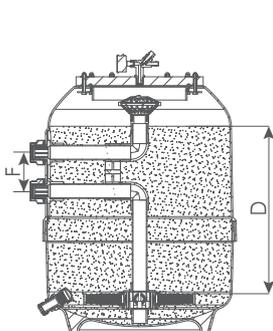
**GAC Filter is equipped with :**

1. 6-way multiport valve (1.5" for GAC500/GAC600, 2" for GAC750/900)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system
5. Piping kit

**Product Dimensions**



Model: GAC750A, GAC900A



Model: GAC500, GAC600, GAC750, GAC900

**Optional Accessories**

Code	Description
40101026	Type-C charging LED light / Battery capacity 4500mAh

**Product Information**

Model: GAC750A, GAC900A

Code	Model	Filter Area		Max Flow Rate			Sand		In / Outlet Connections		A	B	C	D	E	F
		ft <sup>2</sup>	m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	lbs	kgs	GB (mm)	ANSI	mm	mm	mm	mm	mm	mm
9015705	GAC750A	4.7	0.44	97	367	22	1060	480	GB63	2"	750	890	1236	650	782	140
9015706	GAC900A	6.9	0.64	141	531	32	1655	750	GB63	2"	810	950	1334	725	922	140

Model: GAC500, GAC600, GAC750, GAC900

Code	Model	Filter Area		Max Flow Rate			Sand		In / Outlet Connections		A	B	C	D	E
		ft <sup>2</sup>	m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	lbs	kgs	GB (mm)	ANSI	mm	mm	mm	mm	mm
9015704	GAC500	2.1	0.2	44	166	10	220	100	GB50	1.5"	497	560	822	310	526
9015701	GAC600	3	0.28	62	233	14	440	200	GB50	1.5"	590	653	920	420	627
9015702	GAC750	4.7	0.44	97	367	22	1060	480	GB63	2"	880	966	1236	650	782
9015703	GAC900	6.9	0.64	141	531	32	1655	750	GB63	2"	950	1036	1334	725	922

# TMG & SMG Series Gelcoat Filters

For residential and commercial pools

## COMBINATION OF QUALITY AND ELEGANCE

Emaux Gelcoat Filters are produced by skilled workers and experienced engineers in modern manufacturing facilities. Each product is subject to a 100% inspection at every production stage and a strict hydrostatic pressure test. In order to achieve their best performance, 20,000 cycle tests were conducted to determine the specifications of the filters.



### Tank Material

Gelcoat Fiberglass

### Max Operating Pressure

36 psi / 2.5 bar

### Max Temperature

43°C (109°F)

### Suggested Size of Media

0.5-0.8mm

### TMG Filter is equipped with :

1. 6-way clamp/bolt style multiport valve (1.5"MPV07, 2"MPV08, 2"MPV02 for TMG750 & TMG900)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system

### SMG Filter is equipped with :

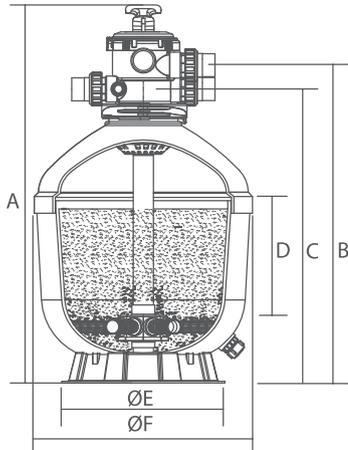
1. 6-way multiport valve (1.5"MPV03, 2"MPV04)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system
5. Piping kit

## Advantages

1. Non corrosive gelcoat fiberglass tank with smooth finish
2. Can be produced in different colours for choice of appearance
3. SMG: Curved valve connecting elbow reduces head loss
4. SMG: Transparent lid provides clear view of filter media, and an air release valve allows trapped air to be evacuated

## TMG Series

### Top Mount Filters



### TMG Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
TMG500	886	750	693	286	390	500
TMG650	998	862	805	318	500	650
TMG650(B)	1034	887	821	251	500	650
TMG750	1159	1029	945	393	500	750
TMG900	1294	1163	1080	450	780	900

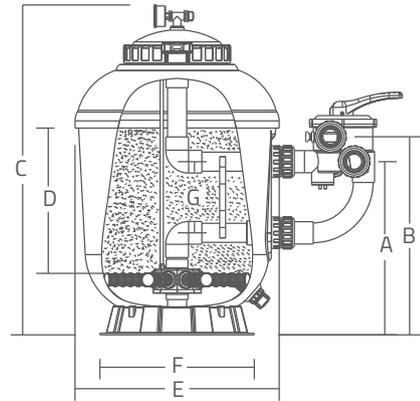
### TMG Series Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9011801	TMG500	0.20	1.5" / 50mm	167 lpm 10.0m <sup>3</sup> /h	88
9011802	TMG650	0.33	1.5" / 50mm	275 lpm 16.5m <sup>3</sup> /h	158
9011803	TMG650(B)	0.33	2.0" / 63mm	275 lpm 16.5m <sup>3</sup> /h	158
9011804	TMG750	0.44	2.0" / 63mm	366 lpm 22.0m <sup>3</sup> /h	260
9011805	TMG900	0.64	2.0" / 63mm	533 lpm 32.0m <sup>3</sup> /h	422



## SMG Series

### Side Mount Filters



### SMG Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
SMG500	424	487	845	360	516	390	180
SMG650	472	535	943	380	666	500	180
SMG750	517	603	1015	440	770	500	220
SMG900	583	669	1165	480	920	780	220

### SMG Series Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9011601	SMG500	0.20	1.5" / 50mm	167 lpm 10.0m <sup>3</sup> /h	100
9011602	SMG650	0.33	1.5" / 50mm	275 lpm 16.5m <sup>3</sup> /h	150
9011603	SMG750	0.44	2.0" / 63mm	369 lpm 22.1m <sup>3</sup> /h	250
9011604	SMG900	0.64	2.0" / 63mm	531 lpm 31.8m <sup>3</sup> /h	375



# SMG Series Commercial Gelcoat Filter

For semi-commercial pool / commercial hot spa



Model:  
SMG1050C

## Tank Material

Gelcoat Fiberglass

## Max Operating Pressure

36 psi / 2.5 bar

## Max Temperature

43°C (109°F)

## Suggested Size of Media

0.5-0.8mm

## Technical Information

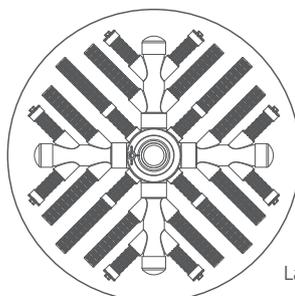
Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)	
9011607	SMG1050C	0.86	2.5" / 75mm	717 lpm	43.0m <sup>3</sup> /h	1200
9011605	SMG1050	0.86	3.0" / 90mm	717 lpm	43.0m <sup>3</sup> /h	1200
9011606	SMG1200	1.13	3.0" / 90mm	942 lpm	56.5m <sup>3</sup> /h	1600

## SMG Commercial Filter is equipped with :

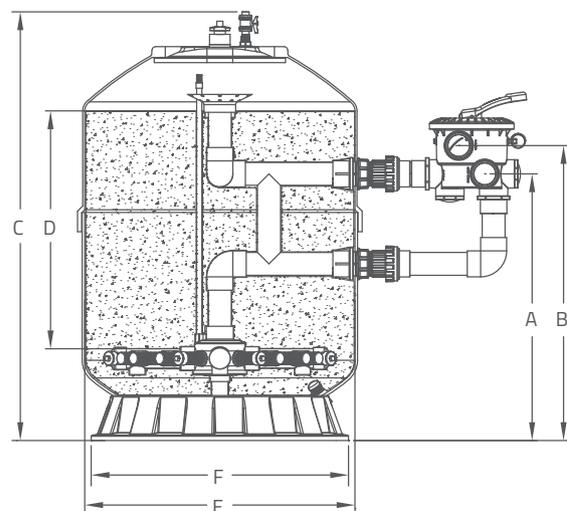
1. 6-way multiport valve
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system
5. Piping kit

## Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
SMG1050C	687	784	1686	1000	1050	1000
SMG1050	1047	1157	1686	1000	1050	1000
SMG1200	1040	1150	1724	1000	1200	1000



Laterals



# SR Series Ring Lock Filter

For residential and semi-commercial pools

## FOR EASY MAINTENANCE

SR Series Ring Lock Filter includes a bobbin-wound fiberglass reinforced tank. With a UV-resistant surface finish, it is able to operate under prolonged sunlight for years of reliability. The transparent lid is designed for easy inspection of the sand bed. Without using any tools, the lid can be removed by turning the specially designed ring-lock, making maintenance much easier.



### Tank Material

Bobbin Wound  
Reinforced Fiberglass

### Max Temperature

43°C (109°F)

### Max Operating Pressure

36 psi / 2.5 bar

### Suggested Size of Media

0.5-0.8mm

### SR Series Filter is equipped with :

1. 6-way multiport valve (1.5"MPV03, 2"MPV04)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Lateral system

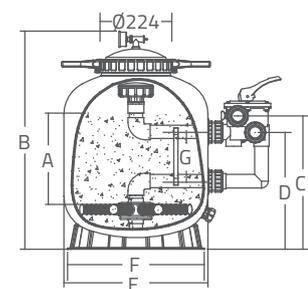
## Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
S450R	250	760	493	430	455	390	180
S500R	290	825	508	445	535	500	180
S650R	310	890	568	505	635	500	180
S700R	320	920	573	510	723	500	180
S700R(B)	350	920	606	520	723	500	220
S800R	380	1020	691	605	820	780	220
S900R	410	1130	741	655	920	780	220

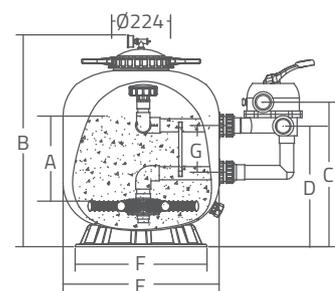
## Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate		Sand (kg)
9011401	S450R	0.16	1.5" / 50mm	135 lpm	8.10m <sup>3</sup> /h	45
9011402	S500R	0.22	1.5" / 50mm	185 lpm	11.10m <sup>3</sup> /h	85
9011403	S650R	0.32	1.5" / 50mm	260 lpm	15.60m <sup>3</sup> /h	145
9011404	S700R	0.40	1.5" / 50mm	325 lpm	19.50m <sup>3</sup> /h	210
9011405	S700R(B)	0.41	2.0" / 63mm	336 lpm	20.16m <sup>3</sup> /h	215
9011406	S800R	0.53	2.0" / 63mm	435 lpm	24.10m <sup>3</sup> /h	355
9011407	S900R	0.66	2.0" / 63mm	550 lpm	33.00m <sup>3</sup> /h	470

Suggested sand weight varies with the differences in filter media size. For reference only.



S450R-S700R



S700R(B)-S900B

# SDB Series Deep Bed Filter

For residential and commercial pools

## SUPERIOR FILTRATION THROUGH AN EXTENDED SAND BED

With its 1.0m or 1.2m deep sand bed and dual laterals, SDB Series Side Mount Deep Bed Filter offers an enhanced filtration and provides a high-performance solution for residential and commercial pools and spas. It is UV- resistant and can operate under prolonged sunlight.



Model:  
SDB1000-1.2

### Tank Material

Bobbin Wound  
Reinforced Fiberglass

### Max Operating Pressure

36 psi / 2.5 bar

### Max Temperature

43 °C (109 °F)

### Suggested Size of Media

0.5-0.8mm

### SDB Series Filter is equipped with :

1. 6-way multiport valve (2"MPV04, 2.5"MPV13)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Dual layers of laterals
6. Accessories:
  - Ø4" sight glass,
  - Ø158mm manhole for servicing,
  - Ø1.5" bottom drain

## Features



Manhole



Sightglass



Dual Lateral System

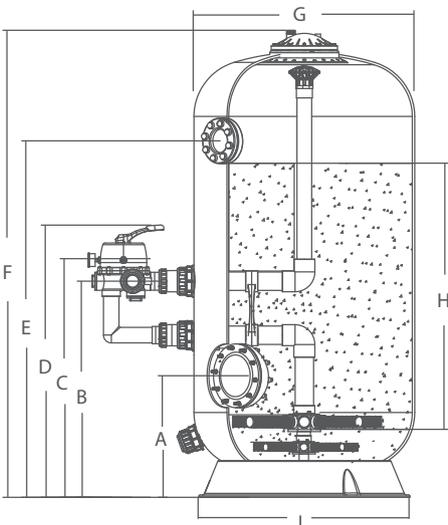


Bottom Drain

## Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate		Sand (kg)
9011701	SDB700-1.0	0.38	2.0" / 63mm	253 lpm	15.20m <sup>3</sup> /h	580
9011702	SDB700-1.2	0.38	2.0" / 63mm	253 lpm	15.20m <sup>3</sup> /h	696
9011703	SDB800-1.0	0.50	2.0" / 63mm	333 lpm	20.00m <sup>3</sup> /h	769
9011704	SDB800-1.2	0.50	2.0" / 63mm	333 lpm	20.00m <sup>3</sup> /h	914
9011705	SDB900-1.0	0.63	2.0" / 63mm	420 lpm	25.20m <sup>3</sup> /h	957
9011707	SDB900-1.2	0.63	2.0" / 63mm	420 lpm	25.20m <sup>3</sup> /h	1146
9011706	SDB900(C)-1.0	0.63	2.5" / 75mm	420 lpm	25.20m <sup>3</sup> /h	957
9011708	SDB900(C)-1.2	0.63	2.5" / 75mm	420 lpm	25.20m <sup>3</sup> /h	1146
9011709	SDB1000-1.0	0.78	2.0" / 63mm	520 lpm	31.20m <sup>3</sup> /h	1204
9011711	SDB1000-1.2	0.78	2.0" / 63mm	520 lpm	31.20m <sup>3</sup> /h	1436
9011710	SDB1000(C)-1.0	0.78	2.5" / 75mm	520 lpm	31.20m <sup>3</sup> /h	1204
9011712	SDB1000(C)-1.2	0.78	2.5" / 75mm	520 lpm	31.20m <sup>3</sup> /h	1436

## Product Dimensions



Model No	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
SDB700-1.0	500	750	844	987	1270	1672	700	1000	680
SDB700-1.2	500	750	844	987	1470	1872	700	1200	680
SDB800-1.0	500	750	838	981	1270	1702	800	1000	740
SDB800-1.2	500	750	838	981	1470	1902	800	1200	740
SDB900-1.0	500	750	857	1000	1270	1735	900	1000	860
SDB900-1.2	500	750	857	1000	1470	1935	900	1200	860
SDB900(C)-1.0	500	750	931	1083	1270	1735	900	1000	860
SDB900(C)-1.2	500	750	931	1083	1470	1938	900	1200	860
SDB1000-1.0	530	850	971	1114	1270	1813	1000	1000	960
SDB1000-1.2	530	850	971	1199	1470	2013	1000	1200	960
SDB1000(C)-1.0	530	850	1045	1282	1270	1813	1000	1000	960
SDB1000(C)-1.2	530	850	1045	1282	1470	2013	1000	1200	960

# Galaxy IDE Filter

For Residential & Commercial Pool and Spa

## EXCEPTIONAL FILTRATION QUALITY

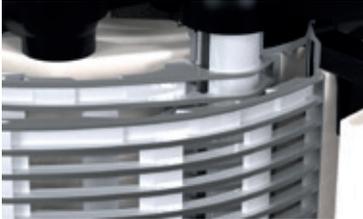
Galaxy IDE filters are known for their excellent filtration capabilities. The perlite or diatomaceous earth powder coats the filter grids, creating a fine, porous layer that can trap even the smallest particles, including dirt and debris. This results in cleaner and clearer pool water. They are particularly effective at removing microparticles, including fine dust, pollen, oils, and even some pathogens. This can contribute to a healthier and safer swimming environment for you and your family. The lower pressure of operation compared to other filters, IDE filters resulting in energy savings. Emaux offers a variety of IDE filter models and sizes to accommodate different pool sizes and filtration needs. This allows you to choose a filter that is specifically suited to your pool requirements.

## **GALAXY** SERIES IDE FILTER



## Special Design for IDE Filter

### Reinforced connections and frame



This ensures the grid's durability and prevents any potential leaks or damage during operation. It helps distribute the pressure evenly across the grid, preventing any potential damage or deformation during operation.

### Polypropylene cloth



Polypropylene cloth exhibits exceptional resistance to degradation from pool chemicals. Its non-stick characteristics and robust durability simplify cleaning and maintenance, ensuring efficient capture and retention of even the tiniest particles and impurities found in pool water.

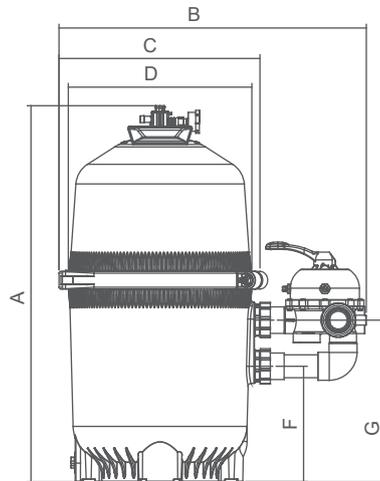
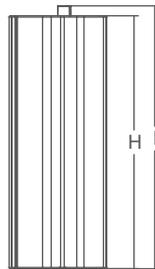
### 6-Way Multiport Valve For IDE Filter



The side mount filter valve special design for IDE Filter is made of ABS material with a heavy-duty plastic handle. Easy installation, maintenance, and servicing.

## Galaxy Series IDE Filter is equipped with :

1. Universal standard of union connection
2. Pressure gauge
3. IDE filter element



### Design Filtration Velocity

4.9 m<sup>3</sup>/h/m<sup>2</sup>  
[2.0 gpm/ft<sup>2</sup>]

### Max Operating Pressure

3.4 bar [50 psi]

### Max Temperature

40°C [104°F]

### Valve

6-Way Multiport Valve

## Filter Element

Code	Model	Description	H	I
92201001	IDE36-CE	Filter grid: 7+ 1 shot span	458	483
92201002	IDE48-CE	Filter grid: 7+ 1 shot span	610	635
92201003	IDE60-CE	Filter grid: 7+ 1 shot span	762	787
92201004	IDE72-CE	Filter grid: 7+ 1 shot span	914	939

## Product Information

Code	Model	Filter Area		Flow Velocity		Max Flow Rate			Recommended Amount Of D.E.		Recommended Amount Of Perlite		Valve Connections	A	B	C	D	E	F	G
		ft <sup>2</sup>	m <sup>2</sup>	gpm/ft <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	lbs	kgs	lbs	kgs		mm	mm	mm	mm	mm	mm	mm
9220001	IDE36	36	3.3	2.0	4.9	72	269	16.14	4.5	2.0	3.4	1.5	2.0" / 63 mm	886	895	556	504	462	317.5	444.5
9220002	IDE48	48	4.4	2.0	4.9	96	359	21.54	6.0	2.7	4.5	2.0	2.0" / 63 mm	1035	895	556	504	462	317.5	444.5
9220003	IDE60	60	5.5	2.0	4.9	120	448	26.88	7.5	3.4	5.6	2.6	2.0" / 63 mm	1223	895	556	504	462	317.5	444.5
9220004	IDE72	72	6.6	2.0	4.9	144	538	32.28	9.0	4.1	6.8	3.1	2.0" / 63 mm	1362	895	556	504	462	317.5	444.5

# Galaxy Single-Element Cartridge Filter

For residential and semi-commercial pools

## DELIVER OPTIMAL SPARKLING CLEAR WATER

Galaxy Single-Element Cartridge Filter is built with high-strength and UV-resistant material to prolong the product life. The compact and low height design is suitable for any pool especially with limited system setup space. The extensive dirt-catching capability of the filter element makes this filter highly efficient. A reliable choice for crystal clear water.



### Features

Large water drain



Smart pressure gauge



Quick-release lock ring



Air relief valve



## User friendly

- 4 x mounting holes
- Easy-grip lid handle
- Indicative pressure gauge tells you when to service
- Knee-height tank base facilitates easy cartridge replacement

## Trouble-free maintenance

- Locking ring with quick-release latch allows removing and installing the top tank quickly.
- Large water drain makes fast and easy winterisation.
- Simple cleaning and rinsing the filter element with a garden hose.

## Eco-Friendly

Big one-piece cartridge element provides a large filtration surface for trapping more dirt and debris. Less cleaning required, and unlike sand filters, needs no backwashing thus saving water and its precious chemicals.



## Product Information

Pool Type	Code	Model with Standard Element	Code	Model with Anti-microbial Element	Filter Area		Flow Velocity		Max Flow Rate			In / Outlet Connections		A	B	C	D	E	F
					ft <sup>2</sup>	m <sup>2</sup>	gpm/ft <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	GB(mm)	ANSI	mm	mm	mm	mm	mm	mm
Residential	9140401	ICF100	9140409	ICF100S	100	9.29	1.0	2.443	100	379	22.7	GB50	1.5"/2"	825	444.5	588	304	335	91
												GB63	2"/2.5"						
												GB50	1.5"/2"	910	444.5	588	304	335	91
	9140402	ICF150	9140410	ICF150S	150	13.94	0.8	1.955	120	454	27.2	GB50	1.5"/2"						
												GB63	2"/2.5"						
	9140403	ICF200	9140411	ICF200S	200	18.58	0.6	1.466	120	454	27.2	GB50	1.5"/2"	1033	444.5	588	304	335	91
												GB63	2"/2.5"						
Public	9140401	ICF100	9140409	ICF100S	100	9.29	0.375	0.917	38	144	8.6	GB50	1.5"/2"	825	444.5	588	304	335	91
												GB63	2"/2.5"						
												GB50	1.5"/2"	910	444.5	588	304	335	91
	9140402	ICF150	9140410	ICF150S	150	13.94	0.375	0.917	56	212	12.7	GB50	1.5"/2"						
												GB63	2"/2.5"						
	9140403	ICF200	9140411	ICF200S	200	18.58	0.375	0.917	75	284	17	GB50	1.5"/2"	1033	444.5	588	304	335	91
												GB63	2"/2.5"						

### NOTE:

Based on Industry standard:

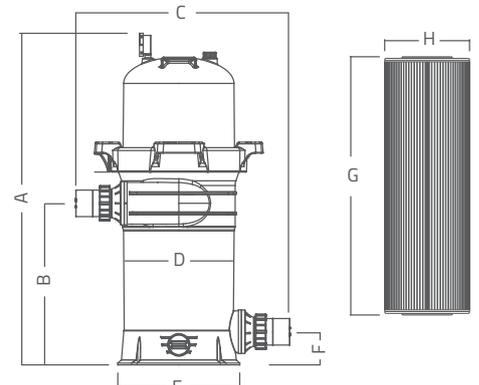
1. The maximum flow velocity for residential pools is 1 GPM/ft<sup>2</sup>, with a maximum flow rate of 120 GPM; For public pools, the maximum flow velocity is 0.375 GPM/ft<sup>2</sup>, with a maximum flow rate of 150 GPM.
2. Determined by pump size and piping system hydraulics; 2" piping is recommended for flow rates equal to or greater than 90 GPM (341 LPM).

## Cartridge Filter Element

Code	Model (Standard)	Code	Model (Anti-microbial Element)	G mm	H mm	Micron µm	Fold Number
914100004	ICF100-CE	914100018	ICF100S-CE	497	Ø267	15	137
914100005	ICF150-CE	914100019	ICF150S-CE	590	Ø267	15	172
914100006	ICF200-CE	914100020	ICF200S-CE	717	Ø267	15	187

### Galaxy Series Filter is equipped with :

1. universal standard of union connection
2. pressure gauge
3. cartridge filter element



# Galaxy Multi-element Cartridge Filter

For residential & commercial pool and spa

## DELIVER SUPERIOR ULTRA CLEAR WATER

The Galaxy Multi-Element Cartridge Filter is designed to be the best in its class. Adopting the latest technology and constructed with non-corroding and durable materials, the Emaux Galaxy Cartridge Filter has a bigger filter area than most models on the market. The high capacity tank partnered with the advanced multi-element raises hydraulic dirt-catching performance to new levels. Due to being eco and user friendly, it's the ideal choice for residential and commercial pools.



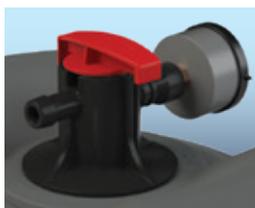
Product Video

### Features

Detachable grip handle



Large flow air relief valve



Large water drain



Smart pressure gauge



## User friendly

- Indicative pressure gauge tells you when to service
- Optional removable, easy-grip handle
- Knee-height tank base facilitates easy cartridge replacement

## Trouble-free maintenance

- 3-session clamp kit allows removing and installing the top tank quickly
- Large water drain makes fast, easy winterisation and simple cleaning and rinsing with a garden hose.

## Eco-Friendly

Multi-element provides an enormous surface area to block more dirt thus require less cleaning. Also, no backwashing is needed like sand filters. It can save a large amount of water every year.



## Product Information

Pool Type	Code	Model with Standard Element	Code	Model with Anti-microbial Element	Filter Area		Flow Velocity		Max Flow Rate			In / Outlet Connections		A	B	C	D	E	F	G
					ft <sup>2</sup>	m <sup>2</sup>	gpm/ft <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	GB(mm)	ANSI	mm	mm	mm	mm	mm	mm	mm
	9140404	ICF230	9140412	ICF230S	230	21.37	0.375	0.916	86.25	326	19.6	GB50	1.5"/2"	829	648	556	504	462	317.5	444.5
												GB63	2"/2.5"							
	9140405	ICF330	9140413	ICF330S	330	30.66	0.375	0.916	123.75	468	28.1	GB50	1.5"/2"	886	648	556	504	462	317.5	444.5
												GB63	2"/2.5"							
Public	9140406	ICF430	9140414	ICF430S	430	39.95	0.349	0.852	150	568	34.1	GB50	1.5"/2"	1035	648	556	504	462	317.5	444.5
												GB63	2"/2.5"							
	9140407	ICF530	9140415	ICF530S	530	49.24	0.283	0.692	150	568	34.1	GB50	1.5"/2"	1223	648	556	504	462	317.5	444.5
												GB63	2"/2.5"							
	9140408	ICF680	9140416	ICF680S	680	63.17	0.221	0.539	150	568	34.1	GB50	1.5"/2"	1362	648	556	504	462	317.5	444.5
												GB63	2"/2.5"							

### NOTE:

Based on Industry standard:

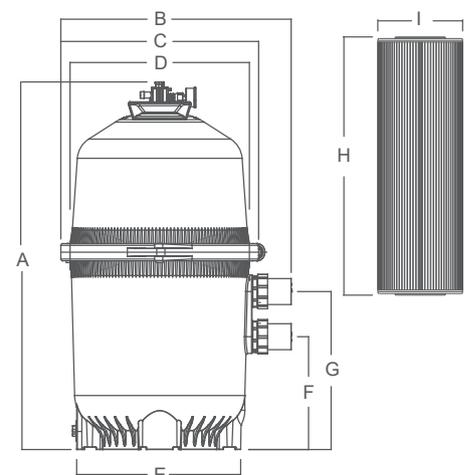
1. For public pools, the maximum flow velocity is 0.375 GPM/ft<sup>2</sup>, with a maximum flow rate of 150 GPM.
2. Determined by pump size and piping system hydraulics; 2" piping is recommended for flow rates equal to or greater than 90 GPM (341 LPM).

## Cartridge Filter Element

Code	Model (Standard)	Code	Model (Anti-microbial Element)	No. of Element	H mm	I mm	Micron $\mu$ m	Fold Number
914100007	ICF230-CE	914100021	ICF230S-CE	4	441	$\emptyset$ 178	15	156
914100008	ICF330-CE	914100022	ICF330S-CE	4	498	$\emptyset$ 178	15	200
914100009	ICF430-CE	914100023	ICF430S-CE	4	647	$\emptyset$ 178	15	200
914100010	ICF530-CE	914100024	ICF530S-CE	4	835	$\emptyset$ 178	15	190
914100011	ICF680-CE	914100025	ICF680S-CE	8	485	$\emptyset$ 178	15	210

### Galaxy Series Filter is equipped with :

1. universal standard of union connection
2. pressure gauge
3. cartridge filter element



# Cartridge Filter Element

## EXCEPTIONAL FILTRATION PERFORMANCE

Emaux cartridge filter elements are advanced filtration solutions designed to enhance pool water quality and ensure a cleaner, healthier swimming environment. Engineered with high-density materials and available in various micron ratings and material options, these elements are capable of filtering out particles as small as 5 microns, effectively removing sediment, dirt, and contaminants from the water.

Made of high-quality fabric material, Emaux cartridge filter elements provide efficient and effective filtration of dirt, debris, and other particles from pool or spa water. They are designed to be durable and long-lasting, featuring a strong, sturdy frame and high-quality materials that resist chlorine degradation and can withstand the demands of filtration.

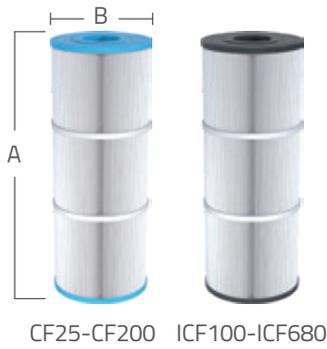
Compatible with Emaux cartridge filters, they offer easy installation and simplified maintenance, making them a convenient choice for pool owners. Available in a wide range of sizes and configurations, it's easy to find the right filter element to fit your specific pool or spa filtration needs.

By investing in Emaux cartridge filter elements, users not only achieve superior water clarity but also promote the longevity and efficiency of their filtration systems. To keep the water clean, clear, and free of contaminants, Emaux cartridge filter elements are the best choice. Upgrade your pool experience with Emaux's innovative filtration technology for crystal-clear water.



### Features:

- EASY INSTALLATION
- LOW MAINTENANCE
- WIDE RANGE OF SIZES
- CHEMICAL REDUCTION
- ECO-FRIENDLY DESIGN
- DURABLE CONSTRUCTION
- HIGH FILTRATION QUALITY



## STANDARD Cartridge Filter Element

- DELUXE WATER QUALITY
- LONG LASTING
- RESIST CHLORINE DEGRADATION

Code	Model	A inches	B inches	Filter Area ft <sup>2</sup>	Micron μm	Fold Number	No. of Element
914100437	CF25-CE	7"	Ø7"	24	15	150	1
914100446	CF50-CE	14"	Ø7"	50	15	150	1
914100447	CF75-CE	22"	Ø7"	75	15	150	1
914100448	CF100-CE	28"	Ø7"	101	15	150	1
914100449	CF150-CE	36"	Ø7"	148	15	175	1
914100450	CF200-CE	21"	Ø7"	181	15	180	2
914100004	ICF100-CE	20"	Ø11"	100	15	137	1
914100005	ICF150-CE	23"	Ø11"	150	15	172	1
914100006	ICF200-CE	28"	Ø11"	200	15	187	1
914100007	ICF230-CE	17"	Ø7"	230	15	156	4
914100008	ICF330-CE	20"	Ø7"	330	15	200	4
914100009	ICF430-CE	25"	Ø7"	430	15	200	4
914100010	ICF530-CE	33"	Ø7"	530	15	190	4
914100011	ICF680-CE	19"	Ø7"	680	15	210	8

### HIGHER EFFICIENCY CORE

Employing engineered ABS to enhance flow, efficiency, and energy efficiency, these unique cores elevate the cartridge's filtration performance.

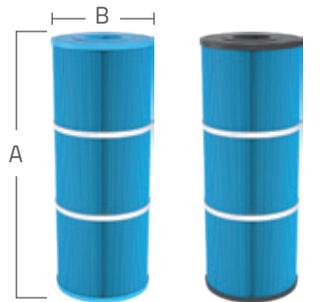
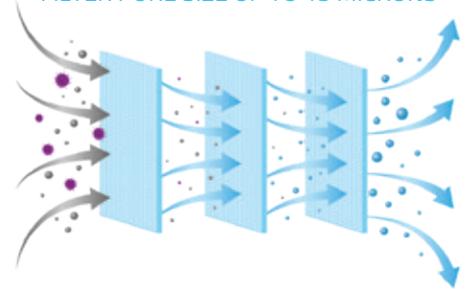
### FRACTURE-RESISTANT BAND

Exceptionally durable and undergoes a stringent sealing process, reinforced to support pleats, easy cleaning and long filtration cycles.



### SUPREME FILTRATION FABRIC

PET SPUNLACE NON-WOVEN FABRIC  
FILTER PORE SIZE UP TO 15 MICRONS



## ANTIMICROBIAL Cartridge Filter Element

- LONG LASTING
- SILVER ION TECHNOLOGY
- INHIBIT THE GROWTH OF BACTERIA
- RESIST CHLORINE DEGRADATION

Filter element with Silver ion technology are designed to provide enhanced filtration performance, with the silver ions helping to inhibit the growth of bacteria and other micro-organisms in the filter element. This can result in cleaner, clearer water and a more enjoyable swimming or spa experience.

Code	Model	A inches	B inches	Filter Area ft <sup>2</sup>	Micron μm	Fold Number	No. of Element
914100012	CF25S-CE	7"	Ø7"	24	15	150	1
914100013	CF50S-CE	14"	Ø7"	50	15	150	1
914100014	CF75S-CE	22"	Ø7"	75	15	150	1
914100015	CF100S-CE	28"	Ø7"	101	15	150	1
914100016	CF150S-CE	36"	Ø7"	148	15	175	1
914100017	CF200S-CE	21"	Ø7"	181	15	180	2
914100018	ICF100S-CE	20"	Ø11"	100	15	137	1
914100019	ICF150S-CE	23"	Ø11"	150	15	172	1
914100020	ICF200S-CE	28"	Ø11"	200	15	187	1
914100021	ICF230S-CE	17"	Ø7"	230	15	156	4
914100022	ICF330S-CE	20"	Ø7"	330	15	200	4
914100023	ICF430S-CE	25"	Ø7"	430	15	200	4
914100024	ICF530S-CE	33"	Ø7"	530	15	190	4
914100025	ICF680S-CE	19"	Ø7"	680	15	210	8

## ANTIMICROBIAL SILVER ION TECHNOLOGY



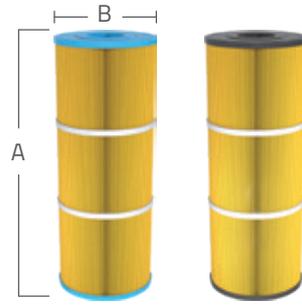
Silver ion is an antimicrobial agent that stops the growth of micro-organisms. It prevents the growth for a wide range of microbes. Silver ion effectively inhibit the growth of bacteria on the cartridge surface.

## HIGH-DENSITY FILTRATION

### Cartridge Filter Element

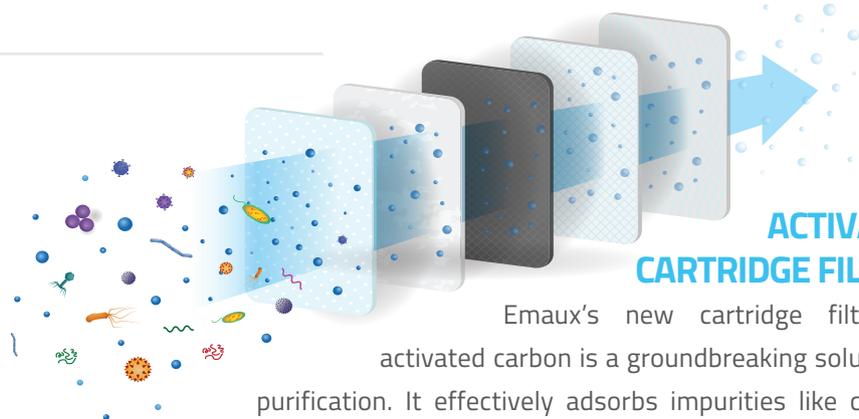
- **SUPERIOR WATER QUALITY**
- **RESIST CHLORINE DEGRADATION**
- **SYSTEM LONGEVITY** and **EFFICIENCY**
- **5 MICRONS** HIGH-DENSITY FILTRATION

Code	Model	A inches	B inches	Filter Area ft <sup>2</sup>	Micron μm	Fold Number	No. of Element
914100030	CF25Y-CE	7"	Ø7"	24	5	150	1
914100031	CF50Y-CE	14"	Ø7"	50	5	150	1
914100032	CF75Y-CE	22"	Ø7"	75	5	150	1
914100033	CF100Y-CE	28"	Ø7"	101	5	150	1
914100034	CF150Y-CE	36"	Ø7"	148	5	175	1
914100035	CF200Y-CE	21"	Ø7"	181	5	180	2
914100036	ICF100Y-CE	20"	Ø11"	100	5	137	1
914100037	ICF150Y-CE	23"	Ø11"	150	5	172	1
914100038	ICF200Y-CE	28"	Ø11"	200	5	187	1
914100039	ICF230Y-CE	17"	Ø7"	230	5	156	4
914100040	ICF330Y-CE	20"	Ø7"	330	5	200	4
914100041	ICF430Y-CE	25"	Ø7"	430	5	200	4
914100042	ICF530Y-CE	33"	Ø7"	530	5	190	4
914100043	ICF680Y-CE	19"	Ø7"	680	5	210	8



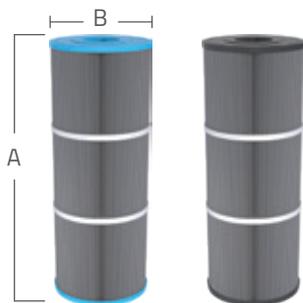
CF25-CF200 ICF100-ICF680

Emaux's new high-density cartridge filter elements are crucial for superior pool purification. Capable of filtering particles as small as 5 microns, they enhance water quality by removing sediment, dirt, and contaminants, creating a healthier swimming environment. Compatible with Emaux cartridge filters, they are easy to install and maintain. Investing in these elements ensures cleaner, safer water while promoting system longevity and efficiency. Upgrade your pool experience with Emaux's innovative filtration solutions!



## ACTIVATED CARBON CARTRIDGE FILTER ELEMENT

Emaux's new cartridge filter element with activated carbon is a groundbreaking solution for pool water purification. It effectively adsorbs impurities like chloramine, volatile organic compounds (VOCs), and odors, enhancing water taste and clarity. This innovative filter significantly reduces harsh chlorine levels and harmful chemicals, including heavy metals like lead and mercury, promoting a healthier swimming environment for all.



CF25-CF200 ICF100-ICF680

## ACTIVATED CARBON Cartridge Filter Element

- **OPTIMUM WATER QUALITY**
- **RESIST CHLORINE DEGRADATION**
- **ACTIVATED CARBON TECHNOLOGY**
- **ADSORBING CHLORAMINE, VOCs** and **ODORS**

Code	Model	A inches	B inches	Filter Area ft <sup>2</sup>	Micron μm	Fold Number	No. of Element
914100044	CF25A-CE	7"	Ø7"	14.5	50	90	1
914100045	CF50A-CE	14"	Ø7"	29.8	50	90	1
914100046	CF75A-CE	22"	Ø7"	45.2	50	90	1
914100047	CF100A-CE	28"	Ø7"	60.5	50	90	1
914100048	CF150A-CE	36"	Ø7"	75.8	50	90	1
914100049	CF200A-CE	21"	Ø7"	90.4	50	90	2
914100050	ICF100A-CE	20"	Ø11"	77.8	50	105	1
914100051	ICF150A-CE	23"	Ø11"	92.8	50	105	1
914100052	ICF200A-CE	28"	Ø11"	113.1	50	105	1
914100053	ICF230A-CE	17"	Ø7"	132.4	50	90	4
914100054	ICF330A-CE	20"	Ø7"	150.3	50	90	4
914100055	ICF430A-CE	25"	Ø7"	196.8	50	90	4
914100056	ICF530A-CE	33"	Ø7"	254.5	50	90	4
914100057	ICF680A-CE	19"	Ø7"	292.0	50	90	8

# CF Series Cartridge Filter

For residential and semi-commercial pools

## COMPACT AND LIGHTWEIGHT

The CF Series Filter comes with a UV resistant tank and a heavy-duty ring-lock lid which allows easy cleaning and replacement of the cartridge element. A screw-type air bleed valve releases trapped air inside the filter tank. The high-quality oil-filled pressure gauge provides an easy overview of the operating pressure.



Model: CF200

Model: CF25

### Tank Material

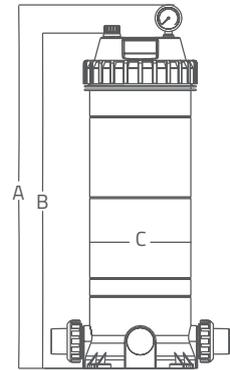
UV Resistant Plastic

### Max Operating Pressure

250kPa/36psi(2.5bar)

### Max Temperature

40°C (104°F)



## Product Information

Pool Type	Code	Model with Standard Element	Code	Model with Anti-microbial Element	Filter Area ft <sup>2</sup> m <sup>2</sup>	Flow Velocity gpm/ft <sup>2</sup> m <sup>3</sup> /h/m <sup>2</sup>	Max Flow Rate lpm gpm m <sup>3</sup> /h	Valve Connections	A mm	B mm	C mm
Residential	914000437	CF25	914000001	CF25S	24.2 2.25	1 2.44	92 25 5.5	1.5" / 50mm	445	387	225
	914000446	CF50	914000002	CF50S	49.8 4.63	0.8 1.96	190 50 11.4	1.5" / 50mm	625	567	225
	914000447	CF75	914000003	CF75S	75.3 7.00	0.6 1.47	283 75 17	1.5" / 50mm	805	747	225
	914000448	CF100	914000004	CF100S	101.2 9.40	0.375 0.917	382 100 22.7	2.0" / 63mm	985	927	225
	914000449	CF150	914000005	CF150S	147.7 13.72	0.375 0.917	555 120 27.2	2.0" / 63mm	1165	1107	225
	914000450	CF200	914000006	CF200S	181.0 16.82	0.375 0.917	680 120 27.2	2.0" / 63mm	1345	1287	225

### NOTE:

Based on Industry standard:

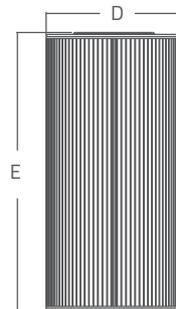
1. The maximum flow velocity for residential pools is 1 GPM/ft<sup>2</sup>, with a maximum flow rate of 120 GPM.
2. Determined by pump size and piping system hydraulics; 2" piping is recommended for flow rates equal to or greater than 90 GPM (341 LPM).

### CF Series Filter is equipped with :

1. Universal standard of union connection
2. Pressure gauge
3. Cartridge filter element

## Cartridge Filter Element

Code	Model (Standard)	Code	Model (Anti-microbial Element)	D mm	E mm	Micron µm	Fold Number
914100437	CF25-CE	914100012	CF25S-CE	Ø183	184.5	15	150
914100446	CF50-CE	914100013	CF50S-CE	Ø183	364.5	15	150
914100447	CF75-CE	914100014	CF75S-CE	Ø183	544.5	15	150
914100448	CF100-CE	914100015	CF100S-CE	Ø183	724.5	15	150
914100449	CF150-CE	914100016	CF150S-CE	Ø183	904.5	15	175
914100450	CF200-CE	914100017	CF200S-CE	Ø183	544.5 x 2	15	180



# HD Series Deep Bed Filter

For domestic and light commercial filtration

## SLIM DESIGN AND EASY INSTALLATION

HD Series Deep Bed Filter is designed for filtering incoming water supply for domestic and light commercial use. Undesired particles such as rust, sand, dirt, and other impurities found in water are trapped by the filter bed, offering crystal clear filtered water. Simple operation, ultra-long life, robust weather, and sunlight resistant fiberglass tank.



Model: HD13300

Model: HD15350

### Tank Material

Bobbin Wound  
Reinforced Fiberglass

### Max Operating Pressure

100 psi / 7 bar

### Max Temperature

50°C (122°F)

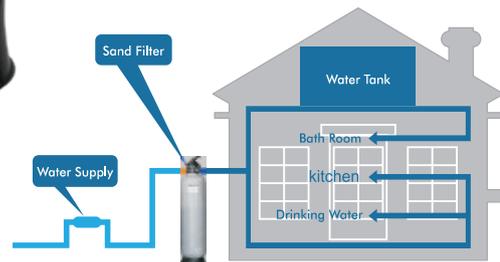
### Suggested Size of Media

0.5-0.8mm

### HD Series Filter is equipped with :

1. 6-way screw style multiport valve (1" MPV06)
2. Universal standard of union connection
3. Pressure gauge
4. Lateral system

### Basic System Overview:

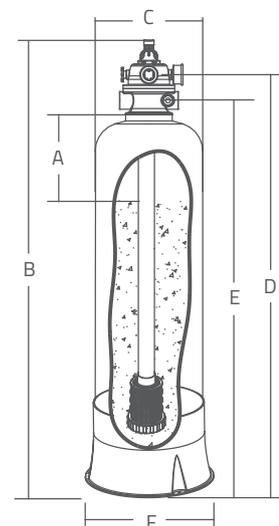


## Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
9013201	HD13300	0.07	1.0" / 33mm	58.5 lpm 3.51m <sup>3</sup> /h	75
9013202	HD13350	0.10	1.0" / 33mm	68.3 lpm 4.10m <sup>3</sup> /h	98
9013203	HD13400	0.13	1.0" / 33mm	78.0 lpm 4.68m <sup>3</sup> /h	130
9013204	HD15300	0.07	1.0" / 33mm	53.3 lpm 3.21m <sup>3</sup> /h	86
9013205	HD15350	0.10	1.0" / 33mm	62.5 lpm 3.75m <sup>3</sup> /h	118
9013206	HD15400	0.13	1.0" / 33mm	71.5 lpm 4.29m <sup>3</sup> /h	154

## Product Dimensions

Model No	A mm	B mm	C mm	D mm	E mm	F mm
HD13300	400	1300	306	1204	1130	343
HD13350	400	1300	356	1204	1130	390
HD13400	400	1300	406	1204	1130	450
HD15300	500	1500	306	1404	1330	343
HD15350	500	1500	356	1404	1330	390
HD15400	500	1500	406	1404	1330	450





# ***COMMERCIAL FILTER***

# Perlite Filtration System

For commercial pools, aquatic parks and aquariums and large scale water features

## AUTOMATIC CLEANING FOR HASSLE-FREE MAINTENANCE!

The Emaux Perlite (Diatomaceous Earth [DE] compatible) Filtration System is an efficient and advanced solution specifically designed for swimming pool filtration. The DSP (Digital Signal Processing) automatic control system utilizes the exceptional filtering performance of perlite, capable of capturing even the smallest particles to ensure a clean and healthy swimming environment.

The system features a graphical user interface that makes it easy to control and monitor performance, allowing for optimal water quality maintenance. It includes automatic functions for coating the perlite and cleaning the filter. This intelligent system automatically manages the coating of the perlite filter media, ensuring sustained high-efficiency filtration throughout the entire process.

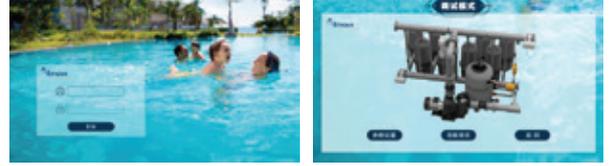
Additionally, the automatic cleaning function helps maintain filter performance, reducing the need for manual maintenance and prolonging the system's lifespan. With a flow rate of up to 160 m<sup>3</sup>/h, this system is suitable for large-scale swimming pools, ensuring rapid water circulation and effective filtration for a refreshing and comfortable swimming experience.

Any self-diagnostic, disassembly, or modification of the electrical circuits in the Emaux Perlite Filtration System must be carried out exclusively by professional pool technicians.

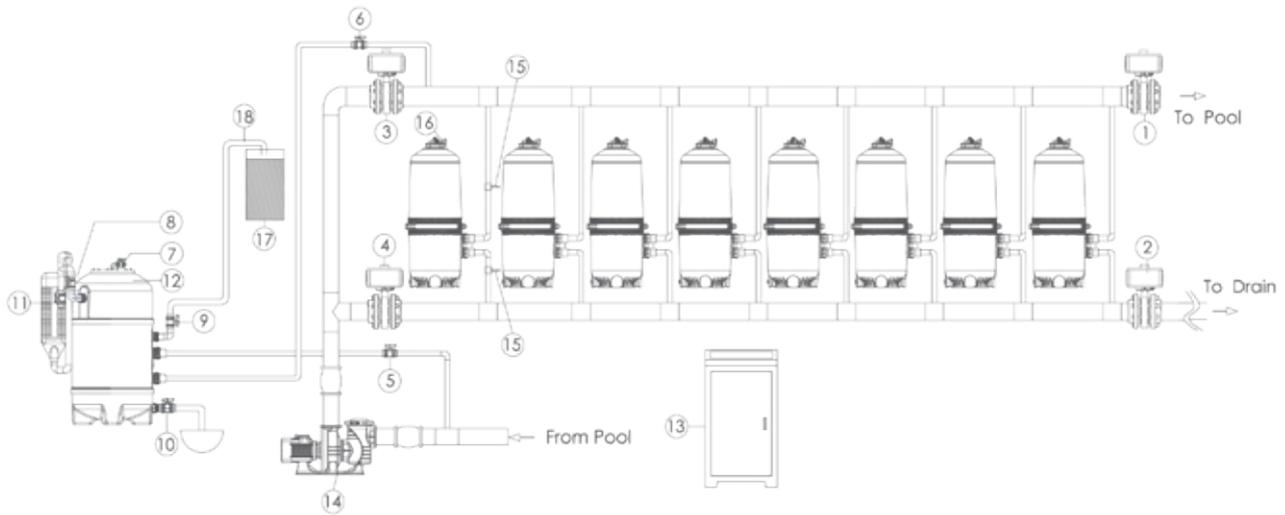


## Product Features:

1. Automatic cleaning function
2. Graphical user interface
3. For easy maintenance
4. Exceptional filtration quality



## Equipment installation:



### Emaux Perlite filtration system consists of the following parts:

Item	Parts	Specification	Quantity
1	Outlet valve	GB160 Electric Butterfly Valve	1
2	Drain valves	GB160 Electric Butterfly Valve	1
3	Backwash inlet valve	GB160 Electric Butterfly Valve	1
4	Filtration inlet valve	GB160 Electric Butterfly Valve	1
5	Chemical feed valve	GB63 Electric Butterfly Valve	1
6	Make-up valv	GB63 Electric Butterfly Valve	1
7	Air release valvee	GB20 Live Ball Valve	1
8	Vacuum suction valve	GB50 Live Ball Valve	1
9	Vacuum inlet valve	GB50 Live Ball Valve	1

Item	Parts	Specification	Quantity
10	Drain valves	GB50 Live Ball Valve	1
11	Vacuum pump	IDE72-8 220V 2KW	1
12	Dosing hopper	GDB750L	1
13	Control box	IDE72-8	1
14	Filtration pump	APS Serie Pump**	1
15	Pressure transmitters	PS6000-CR-BZ-A1-A-0.5/CD3	1
16	DE filter IDE72	IDE72	*
17	Perlite (powder for lamination)	User-prepared perlite powder	1
18	Hose	Steel wire hose, inner diameter 51mm	1

\*&\*\* Please check the table below

## Product Specifications

Code	Model	Filtration area	Max. Flow Rate	Space for Installation (mm)	Recommended weight of Perlite#	DE filter IDE72 Quantity*	Filtration pump Specification**	Operating power	Operating voltage
922020001	IDE72-8	52.8m <sup>2</sup>	160m <sup>3</sup> /h	3900x2700x2200	20-24.8kg	8	APS1500	14kW	380V, 50Hz
922020002	IDE72-6	39.6m <sup>2</sup>	120m <sup>3</sup> /h	3200x2700x2200	15-18.6kg	6	APS1000	11kW	three-phase
922020003	IDE72-4	26.4m <sup>2</sup>	80m <sup>3</sup> /h	2500x2700x2200	10-12.4kg	4	APS750	9kW	five-wire

#Recommended weight of DE (First start or after rinse)

\*\*For specific projects, additional pumps may be required

# NV Series FRP Media Filter - NSF Listed



For competition swimming pools, aquatic parks, aquariums, commercial spas, fountains and water treatment plant

## STAY CLEAN, STAY SAFE WITH NV SERIES!

The NV Series sand filters set a new standard of excellence in the recreational water industry, offering unmatched performance and durability. Engineered with the user in mind, these filters deliver a safer, healthier, and more sustainable aquatic environment.

Filtration System  
**Laterals / Nozzles**

Max Filtration Velocity  
**49m<sup>3</sup>/h/m<sup>2</sup>**

Max Operating Pressure  
**50psi (3.5bar)**

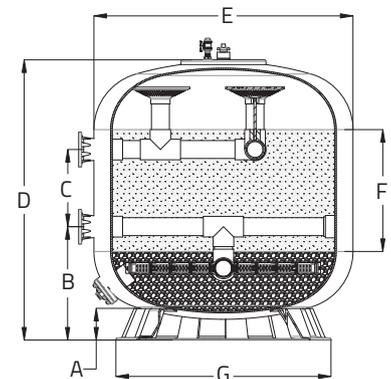
Max Temperature  
**43 °C (109 °F)**

Suggested Size of Media  
**0.5-0.8mm & 1-2mm**

### With Laterals System

#### Product Dimensions:

Model	Flange Connection	A		B		C		D		E		F		G	
		mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
NV1000	3 Inch	160	6.3	540	21.3	260	10.2	1147	45.2	1050	39.4	450	17.7	960	37.8
NV1000-1.0	3 Inch	160	6.3	625	24.6	550	21.7	1680	66.1	1050	41.3	800	31.5	960	37.8
NV1000-2.0	3 Inch	160	6.3	625	24.6	550	21.7	1880	74.0	1050	41.3	1000	39.4	960	37.8
NV1200	3 Inch	168	6.6	565	22.2	350	13.8	1325	52.2	1200	47.2	550	21.7	995	39.2
NV1200-1.0	3 Inch	168	6.6	630	24.8	550	21.7	1672	65.8	1200	47.2	800	31.5	995	39.2
NV1200-2.0	3 Inch	168	6.6	665	26.2	350	13.8	1999	78.7	1200	47.2	1000	39.4	995	39.2
NV1400	4 Inch	178	7.0	565	22.2	350	13.8	1380	54.3	1400	55.1	550	21.7	1220	48.0
NV1400-1.0	4 Inch	178	7.0	630	24.8	550	21.7	1680	66.1	1400	55.1	800	31.5	1220	48.0
NV1400-2.0	4 Inch	178	7.0	675	26.6	350	13.8	2038	80.2	1400	55.1	1000	39.4	1220	48.0
NV1600	4 Inch	200	7.9	650	25.6	350	13.8	1590	62.6	1600	63.0	600	23.6	1365	53.7
NV1600-1.0	4 Inch	200	7.9	720	28.3	490	19.3	1779	70.0	1600	63.0	800	31.5	1365	53.7
NV1600-2.0	4 Inch	200	7.9	775	30.5	350	13.8	2103	82.8	1600	63.0	1000	39.4	1365	53.7
NV1800-1.0	6 Inch	220	8.7	750	29.5	440	17.3	1819	71.6	1800	70.9	800	31.5	1630	64.2
NV1800-2.0	6 Inch	220	8.7	780	30.7	415	16.3	2086	82.1	1800	70.9	1000	39.4	1630	64.2
NV2000-1.0	6 Inch	220	8.7	770	30.3	490	19.3	1910	75.2	2000	78.7	800	31.5	1630	64.2
NV2000-2.0	6 Inch	220	8.7	870	34.3	415	16.3	2237	88.1	2000	78.7	1000	39.4	1630	64.2



Flange connection standard  
optional: GB(HG20592 PN1.0MPa)  
or ANSI (ANSIB16.5(1988) Class 150)

#### Product Information:

Code	Model	Filtration area		Flow Velocity		Filtration Flow rate			Sand Weight 0.5-0.8		Sand Weight 1-2mm	
		ft <sup>2</sup>	m <sup>2</sup>	gpm/ft <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	lb	kgs	lb	kgs
9015206	NV1000	7.75	0.72	20	49	155	587	35.2	744	337	612	278
9015208	NV1000-1.0	9.4	0.87	20	49	187	708	42.5	1894	859	600	272
9015201	NV1000-2.0	9.4	0.87	20	49	187	708	42.5	2437	1105	619	281
9015210	NV1200	10.9	1.01	20	49	217	821	49.3	1502	681	791	359
9015211	NV1200-1.0	10.9	1.01	20	49	217	821	49.3	2370	1075	944	428
9015213	NV1200-2.0	11.2	1.04	20	49	224	848	50.9	2909	1319	1008	457
9015215	NV1400	15.3	1.42	20	49	306	1158	69.5	2074	941	1014	460
9015217	NV1400-1.0	14.9	1.38	20	49	297	1124	67.5	3296	1495	1097	498
9015219	NV1400-2.0	15.4	1.43	20	49	308	1166	70.0	3975	1803	1056	479
9015204	NV1600	22.0	2.04	20	49	439	1662	99.7	3113	1412	1700	771
9015221	NV1600-1.0	22.0	2.04	20	49	440	1666	99.9	4402	1996	2093	949
9015223	NV1600-2.0	20.1	1.87	20	49	403	1526	91.5	5161	2341	1911	867
9015225	NV1800-1.0	26.8	2.49	20	49	536	2029	121.7	5216	2366	2960	1342
9015227	NV1800-2.0	25.7	2.39	20	49	515	1949	117.0	6488	2942	2498	1133
9015205	NV2000-1.0	31.6	2.94	20	49	632	2392	143.5	6131	2780	3031	1375
9015231	NV2000-2.0	31.6	2.94	20	49	632	2392	143.5	8080	3664	3860	1751

## Key Features:

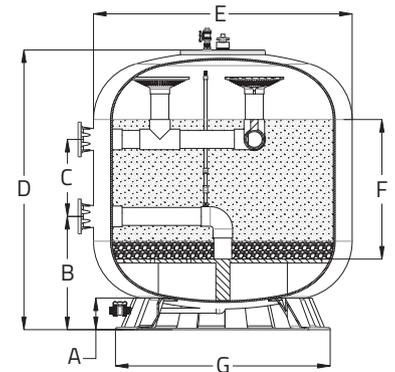
1. **NSF Certified Safety:** NSF 50 certified for safety and quality, ensuring clean, safe water for you and your family.
2. **Advanced Filtration:** Tested to high standard of turbidity removal standard, consistently deliver clear water.
3. **Energy-Efficient Flow:** Engineered to reduce filter and backwash pressure drops, ensures smooth, energy-efficient operation with lower running costs and less strain to the filtration pump.
4. **Weather-Resistant Design:** UV-resistant coating and durable construction ensure reliable performance in all weather conditions, year after year.
5. **Pressure Testing:** Tested to withstand 20,000 pressure cycles, and built with a 4:1 burst pressure ratio, guaranteeing a safe, long-lasting durability and consistent performance.



## With Nozzle System

### Product Dimensions:

Model	Flange Connerction	A		B		C		D		E		F		G	
		mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
NV1000-1.0	3 Inch	160	6.3	625	24.6	550	21.7	1680	66.1	1050	41.3	800	31.5	960	37.8
NV1000-2.0	3 Inch	160	6.3	625	24.6	550	21.7	1880	74.0	1050	41.3	1000	39.4	960	37.8
NV1200	3 Inch	168	6.6	565	22.2	350	13.8	1325	52.2	1200	47.2	550	21.7	995	39.2
NV1200-1.0	3 Inch	168	6.6	630	24.8	550	21.7	1672	65.8	1200	47.2	800	31.5	995	39.2
NV1200-2.0	3 Inch	168	6.6	665	26.2	350	13.8	1999	78.7	1200	47.2	1000	39.4	995	39.2
NV1400	4 Inch	178	7.0	565	22.2	350	13.8	1380	54.3	1400	55.1	550	21.7	1220	48.0
NV1400-1.0	4 Inch	178	7.0	630	24.8	550	21.7	1680	66.1	1400	55.1	800	31.5	1220	48.0
NV1400-2.0	4 Inch	178	7.0	675	26.6	350	13.8	2038	80.2	1400	55.1	1000	39.4	1220	48.0
NV1600	4 Inch	200	7.9	650	25.6	350	13.8	1590	62.6	1600	63.0	600	23.6	1365	53.7
NV1600-1.0	4 Inch	200	7.9	720	28.3	490	19.3	1779	70.0	1600	63.0	800	31.5	1365	53.7
NV1600-2.0	4 Inch	200	7.9	775	30.5	350	13.8	2103	82.8	1600	63.0	1000	39.4	1365	53.7
NV1800-1.0	6 Inch	220	8.7	750	29.5	440	17.3	1819	71.6	1800	70.9	800	31.5	1630	64.2
NV1800-2.0	6 Inch	220	8.7	780	30.7	415	16.3	2086	82.1	1800	70.9	1000	39.4	1630	64.2
NV2000-1.0	6 Inch	220	8.7	770	30.3	490	19.3	1910	75.2	2000	78.7	800	31.5	1630	64.2
NV2000-2.0	6 Inch	220	8.7	870	34.3	415	16.3	2237	88.1	2000	78.7	1000	39.4	1630	64.2



Flange connection standard optional: GB(HG20592 PN1.0MPa) or ANSI (ANSIB16.5(1988) Class 150)

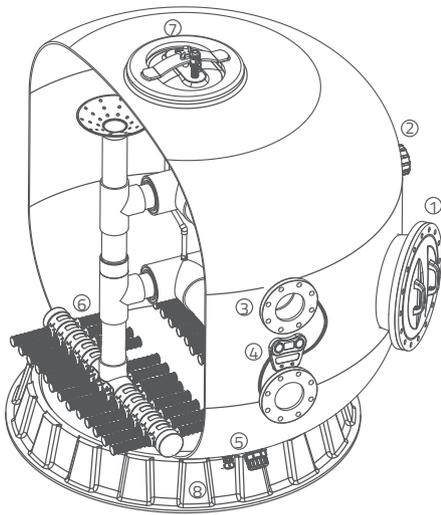
### Product Information:

Code	Model	Filtration area		Flow Velocity		Filtration Flow rate			Sand Weight 0.5-0.8		Sand Weight 1-2mm	
		ft <sup>2</sup>	m <sup>2</sup>	gpm/ft <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	gpm	lpm	m <sup>3</sup> /h	lb	kgs	lb	kgs
9015209	NV1000-1.0	9.4	0.87	20	49	187	708	42.5	1703	772	475	215
9015202	NV1000-2.0	9.4	0.87	20	49	187	708	42.5	2242	1017	472	214
9015203	NV1200	10.9	1.01	20	49	217	821	49.3	1267	575	603	273
9015212	NV1200-1.0	10.9	1.01	20	49	217	821	49.3	2165	982	593	269
9015214	NV1200-2.0	11.2	1.04	20	49	224	848	50.9	2687	1219	577	262
9015216	NV1400	15.3	1.42	20	49	306	1158	69.5	1716	778	842	382
9015218	NV1400-1.0	14.9	1.38	20	49	297	1124	67.5	2948	1337	845	383
9015220	NV1400-2.0	15.4	1.43	20	49	308	1166	70.0	3662	1661	794	360
9015207	NV1600	22.0	2.04	20	49	439	1662	99.7	2664	1208	1094	496
9015222	NV1600-1.0	22.0	2.04	20	49	440	1666	99.9	3988	1809	1094	496
9015224	NV1600-2.0	20.1	1.87	20	49	403	1526	91.5	4782	2169	1040	472
9015226	NV1800-1.0	26.8	2.49	20	49	536	2029	121.7	4781	2168	1343	609
9015228	NV1800-2.0	25.7	2.39	20	49	515	1949	117.0	6000	2721	1305	592
9015230	NV2000-1.0	31.6	2.94	20	49	632	2392	143.5	5621	2549	1576	715
9015232	NV2000-2.0	31.6	2.94	20	49	632	2392	143.5	7486	3395	1605	728

# Commercial Filter

## ABLE TO WORK AND RESIST EXTREME WEATHER CONDITIONS

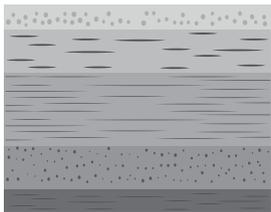
The filter tank is manufactured of durable, non-corrosive fiberglass and resin, with automatic bobbin winding technology, UV resistant composites, which allow the filter to operate under extreme weather conditions.



### Components:

- ① **Manhole**  
Lateral manhole for easy access to internal system maintenance and service
- ② **Sightglass**  
Allows great observation on media status and backwash effect
- ③ **Flange**  
Heavy duty FRP flange connections in either ANSI or DIN standard
- ④ **Manometer**  
High quality pressure gauge to monitor the pressure inside the filter tank
- ⑤ **Union Drain**  
A quick discharge point for water and filter media
- ⑥ **Lateral System**  
Constructed of ABS+PP material with rigid structure and 0.4mm slot
- ⑦ **Air Vent Valve**  
Release air bubble valve in the filtration system
- ⑧ **Base**  
Flat base for increase the stability

### Multi-layer construction (from inner to outer):



- ① ISO or VE gelcoat barrier, corrosion resistant
- ② Woven roving fibers with ISO polyester resin, water proofing
- ③ Woven roving with high content of fiberglass, structural strength
- ④ Continuous outer filament winding with ISO resin, reinforced to withstand pressure
- ⑤ PU surface coating, UV resistant and dirt protection



Computer controlled filament winding



Non-Corrosive



UV Resistance



Chemical Resistance



Nil Maintenance



Non-Electrical Conductive



Long Service Life



Low ratio of Thermal Expansion



Light and Easy Handling

# Commercial Filters NL, E, K Series

For competition swimming pools, aquatic parks, aquariums, commercial spas, fountains and water treatment plants

## EXCELLENT PERFORMANCE WITH DEEP SAND BED!

The filter tank is manufactured of durable, non-corrosive fiberglass and resin, with automatic bobbin winding technology, UV resistant composites, which allow the filter to operate under extreme weather conditions.



586.1127

Filtration System  
Laterals / Nozzles

Max Filtration Velocity  
50m<sup>3</sup>/h/m<sup>2</sup>

Max Operating Pressure  
36psi(2.5bar)  
58psi(4.0bar)

Max Temperature  
43 °C (109 °F)

Suggested Size of Media  
0.5-0.8mm  
1-2mm

### Product Features:

1. Multi-construction layers: non-corrosive and chemical protective
2. UV resistance, suitable for operation under prolonged sunlight
3. High filtration standard with deep sand bed
4. Bobbin wound fiberglass reinforcement with polyester resin
5. Available with laterals or nozzle plate system for air scouring capabilities
6. Optional accessories includes sight glass, manhole, union drain, and air purge

## Optional Accessories:

### Sightglass: 114mm

Code: E012072



### Air purge: 20mm

Code: E012054



### Manhole: Dia.400mm

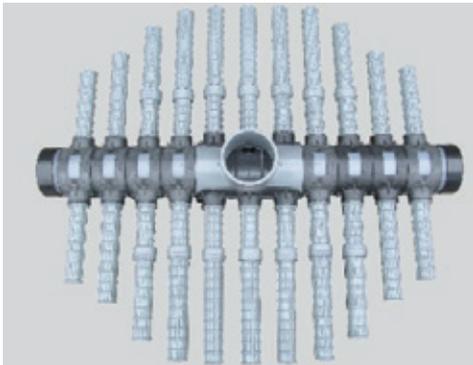
Code: 4105064354

### Manhole: Dia.500mm

Code: 4105067252



## Laterals System:

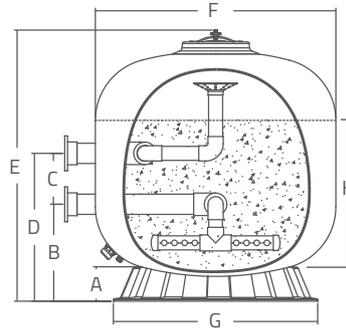


## Nozzle System:



Flange connection standard optional:  
GB(HG20592 PN1.0MPa) or ANSI(ANSI B16.5(1988) Class150)

## NL Series



## Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
NL1200	170	565	350	915	1410	1200	1000	720
NL1400	190	565	350	915	1570	1400	1220	760
NL1600	200	650	350	1000	1740	1620	1365	820
NL1800	220	690	415	1105	2040	1790	1630	950
NL2000	220	770	415	1185	2210	1945	1630	1020
NL2300	230	950	550	1500	2510	2375	1800	1200
NL2500	230	1050	550	1600	2670	2495	1800	1290

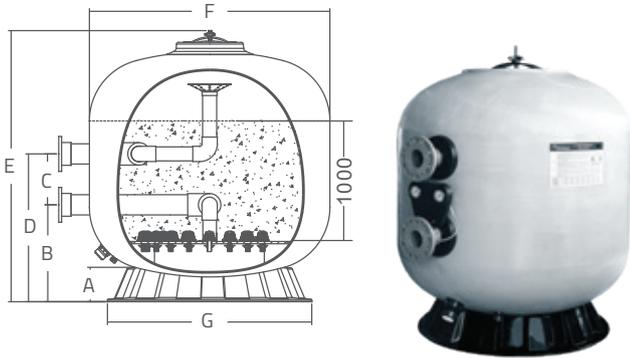
## With Laterals System

Code 2.5bar	Code 4bar	Model	Vol. (m <sup>3</sup> )	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m <sup>3</sup> /h	0.5-0.8mm	1-2mm
9012001	9012002	NL1200	1.17	1.13	80	3"	942	56.5	681	359
9012005	9012006	NL1400	1.64	1.54	100	4"	1283	77	941	460
9012009	9012010	NL1600	2.48	2.01	100	4"	1675	100.5	1412	771
9012013	9012014	NL1800	4.02	2.54	150	6"	2100	126	2366	1343
9012017	9012018	NL2000	4.61	2.97	150	6"	2475	148.5	2781	1375
9012021	9012022	NL2300	8.09	4.34	200	8"	3617	217	5539	1682
9012025	9012026	NL2500	10.00	4.89	200	8"	4075	244.5	6366	1972

## With Nozzle System

Code 2.5bar	Code 4bar	Model	Vol. (m <sup>3</sup> )	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m <sup>3</sup> /h	0.5-0.8mm	1-2mm
9012003	9012004	NL1200	1.17	1.13	80	3"	942	56.5	575	274
9012007	9012008	NL1400	1.64	1.54	100	4"	1283	77	778	382
9012011	9012012	NL1600	2.48	2.01	100	4"	1675	100.5	1208	496
9012015	9012016	NL1800	4.02	2.52	150	6"	2100	126	2167	609
9012019	9012020	NL2000	4.61	2.97	150	6"	2475	148.5	2550	715
9012023	9012024	NL2300	8.09	4.34	200	8"	3617	217	5075	972
9012027	9012028	NL2500	10.00	4.89	200	8"	4075	244.5	5815	1117

## E Series



### Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
E1050	170	625	550	1175	1816	1050	960
E1200	190	630	550	1180	1816	1200	995
E1400	200	630	550	1180	1816	1400	1220
E1600	220	720	490	1210	1916	1600	1365
E1800	220	750	440	1190	1956	1800	1630
E2000	230	770	490	1260	2060	2000	1630
E2200	230	940	500	1440	2376	2200	1800

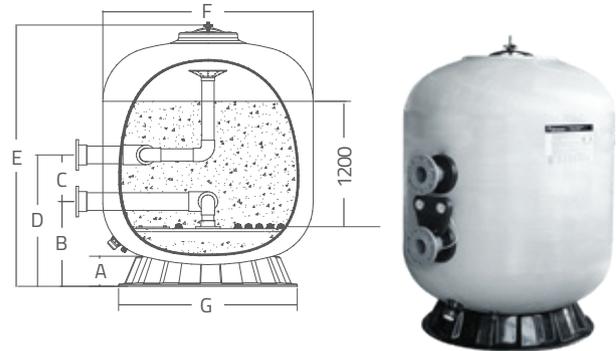
### With Laterals System

Code 2.5bar	Code 4bar	Model	Vol. (m <sup>3</sup> )	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m <sup>3</sup> /h	0.5-0.8mm	1-2mm
9014801	9014802	E1050	1.24	0.86	80	3"	717	43	859	272
9014805	9014806	E1200	1.56	1.13	80	3"	942	56.5	1075	428
9014809	9014810	E1400	2.10	1.54	100	4"	1283	77	1495	498
9014813	9014814	E1600	2.84	2.01	100	4"	1675	100.5	1997	949
9014817	9014818	E1800	3.69	2.54	150	6"	2117	127	2366	1343
9014821	9014822	E2000	4.61	3.14	150	6"	2617	157	2781	1375
9014825	9014826	E2200	6.49	3.80	200	8"	3167	190	4568	1479

### With Nozzle System

Code 2.5bar	Code 4bar	Model	Vol. (m <sup>3</sup> )	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m <sup>3</sup> /h	0.5-0.8mm	1-2mm
9014803	9014804	E1050	1.24	0.86	80	3"	717	43	772	215
9014807	9014808	E1200	1.56	1.13	80	3"	942	56.5	982	269
9014811	9014812	E1400	2.10	1.54	100	4"	1283	77	1337	383
9014815	9014816	E1600	2.84	2.01	100	4"	1675	100.5	1809	496
9014819	9014820	E1800	3.69	2.54	150	6"	2117	127	2469	609
9014823	9014824	E2000	4.61	3.14	150	6"	2617	157	2550	715
9014827	9014828	E2200	6.49	3.80	200	8"	3167	190	4234	841

## K Series



### Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
K1050	170	625	550	1175	2016	1050	960
K1200	170	665	350	1015	2080	1200	995
K1400	190	675	350	1025	2175	1400	1220
K1600	200	775	350	1125	2310	1600	1365
K1800	220	780	415	1195	2320	1800	1630
K2000	220	865	415	1280	2355	2000	1630
K2200	230	940	500	1440	2430	2200	1800
K2300	230	1060	550	1610	2720	2350	1800
K2500	230	1120	550	1670	2750	2500	1800

### With Laterals System

Code 2.5bar	Code 4bar	Model	Vol. (m <sup>3</sup> )	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m <sup>3</sup> /h	0.5-0.8mm	1-2mm
9013047	9013048	K1050	1.41	0.86	80	3"	717	43	1105	281
9013001	9013002	K1200	1.93	1.13	80	3"	942	56.5	1319	457
9013005	9013006	K1400	2.57	1.54	100	4"	1283	77	1803	479
9013009	9013010	K1600	3.63	2.01	100	4"	1675	100.5	2341	867
9013013	9013014	K1800	4.73	2.54	150	6"	2100	126	2934	1133
9013017	9013018	K2000	5.86	3.14	150	6"	2475	148.5	3665	1751
9013057	9013058	K2200	6.6	3.8	200	8"	3167	190	6032	1073
9013021	9013022	K2300	8.96	4.34	200	8"	3617	217	6743	1668
9013025	9013026	K2500	10.39	4.90	200	8"	4075	244.5	7685	2103

### With Nozzle System

Code 2.5bar	Code 4bar	Model	Vol. (m <sup>3</sup> )	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m <sup>3</sup> /h	0.5-0.8mm	1-2mm
9013049	9013050	K1050	1.41	0.86	80	3"	717	43	1017	214
9013003	9013004	K1200	1.93	1.13	80	3"	942	56.5	1219	262
9013007	9013008	K1400	2.57	1.54	100	4"	1283	77	1661	360
9013011	9013012	K1600	3.63	2.01	100	4"	1675	100.5	2169	472
9013015	9013016	K1800	4.73	2.54	150	6"	2100	126	2722	592
9013019	9013020	K2000	5.86	3.14	150	6"	2475	148.5	3396	728
9013055	9013056	K2200	6.6	3.8	200	8"	3167	190	5203	825
9013023	9013024	K2300	8.96	4.34	200	8"	3617	217	6308	986
9013027	9013028	K2500	10.39	4.90	200	8"	4075	244.5	7178	1044

# Commercial Filters H Series

For commercial pools, aquatic parks and aquariums and large scale water features

## LONG SERVICE LIFE, HIGH FILTRATION SURFACE

With the professional engineering experience and a large Glassfiber Reinforced Polyester (GRP) production facility, Emaux is capable to design and manufacture a wide variety of commercial sand filters constructed by a multiple-layer moulded structural inner layer, and a continuous outer filament winding by computer controlled winding machines.



Filtration System

Laterals

Max Filtration Velocity

50m<sup>3</sup>/h/m<sup>2</sup>

Max Operating Pressure

36psi(2.5bar)

58psi(4.0bar)

Max Temperature

43 °C (109 °F)

Suggested Size of Media

0.5-0.8mm

1-2mm

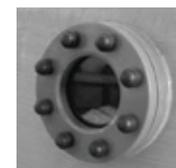
### Product Features:

1. Multi-construction layers: non-corrosive and chemical protective
2. UV resistance, suitable for operation under prolonged sunlight
3. Inner filtration system with evenly spread laterals enhances filtration performance
4. Bobbin wound fiberglass reinforcement with polyester resin
5. Service manhole for easy maintenance
6. Equipped with manometer for easy reading of the working pressure of both inlet and outlet

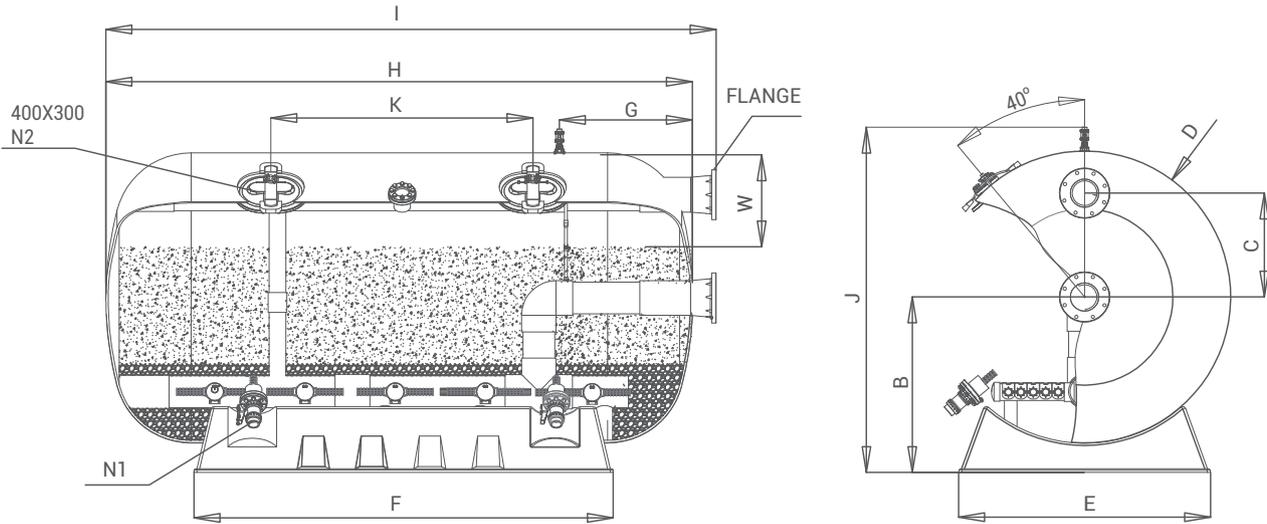
### Optional Accessories:

**Sightglass: 114mm**

Code: E012072



## Diagrams:



## H Series

**Diameter: 1200mm / Sand bed depth: 0.6m**

### Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Filtration Area (m <sup>2</sup> )	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8 mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size pcs	N2	W
9014017	9014018	H1200-1.9	100	4"	39	20	1.96	1100	425	747	325	1200	1100	650	1900	2030	1500	/	2**1	1	350	
9014019	9014020		150	6"	79	40										2060						2460
9014007	9014008	H1200-2.3	100	4"	48	20	2.42	1425	550	747	325	1200	1100	1590	650	2300	2430	1500	/	2**1	1	350
9014001	9014002		150	6"	97	40											2460					
9014003	9014004	H1200-2.5	100	4"	53	20	2.65	1750	700	747	325	1200	1100	1790	650	2500	2630	1500	/	2**1	1	350
9014005	9014006		150	6"	107	40											2660					
9014009	9014010	H1200-2.7	100	4"	57	20	2.87	2075	825	747	325	1200	1100	1990	650	2700	2830	1500	/	2**1	1	350
9014011	9014012		150	6"	115	40											2860					
9014013	9014014	H1200-3.0	100	4"	64	20	3.21	2325	925	747	325	1200	1100	2290	650	3000	3130	1500	1330	2**1	2	350
9014015	9014016		150	6"	129	40											3160					

**Diameter: 1400mm / Sand bed depth: 0.8m**

### Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Filtration Area (m <sup>2</sup> )	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8 mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size pcs	N2	W
9014101	9014102	H1400-1.9	100	4"	45	20	2.23	2100	575	847	390	1400	1130	1340	730	1900	2030	1700	/	2**1	1	390
9014103	9014104		150	6"	89	40											2060					
9014105	9014106	H1400-2.5	100	4"	60	20	3.02	2825	800	847	390	1400	1130	1840	730	2500	2630	1700	/	2**1	1	390
9014107	9014108		150	6"	121	40											2660					
9014109	9014110	H1400-3.0	100	4"	73	20	3.67	3450	1000	847	390	1400	1130	2340	730	3000	3160	1700	1260	2**1	2	390
9014111	9014112		150	6"	110	30											3160					
9014113	9014114		200	8"	147	40											3180		1260	2**1	2	390

# H Series

## Diameter: 1600mm / Sand bed depth: 1.0m

### Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Filtration Area (m <sup>2</sup> )	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size*pcs	N2	W
9014201	9014202	H1600-1.9	100	4"	49	20	2.47	2850	600	945	475	1600	1440	1210	810	1900	2130	1900	/	4" <sup>*1</sup>	1	470
9014203	9014204		150	6"	99	40											2160	/	4" <sup>*1</sup>	1		
9014205	9014208	H1600-2.5	150	6"	101	30	3.36	3875	850	945	475	1600	1440	1710	810	2500	2660	1900	/	4" <sup>*1</sup>	1	470
9014207	9014206		200	8"	134	40											2680	/	4" <sup>*1</sup>	1		
9014209	9014210	H1600-3.0	150	6"	123	30	4.10	4750	1050	945	475	1600	1440	2210	810	3000	3160	1900	1200	4" <sup>*1</sup>	2	470
9014211	9014212		200	8"	164	40											3180	1200	4" <sup>*1</sup>	2		

## Diameter: 1800mm / Sand bed depth: 1.0m

### Technical Information and Product Dimensions

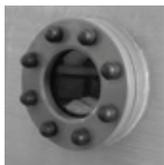
Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Filtration Area (m <sup>2</sup> )	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size*pcs	N2	W
9014301	9014302	H1800-2.5	150	6"	112	30	3.74	4850	975	1100	550	1800	1380	1560	850	2500	2660	2170	/	4" <sup>*1</sup>	1	530
9014303	9014304		200	8"	150	40											2680	2170	/	4" <sup>*1</sup>	1	
9014305	9014306	H1800-3.0	150	6"	137	30	4.58	5925	1225	1100	550	1800	1380	2060	850	3000	3160	2170	/	4" <sup>*1</sup>	1	530
9014307	9014308		200	8"	183	40											3180	2170	/	4" <sup>*1</sup>	1	
9014309	9014310	H1800-3.5	200	8"	162	30	5.41	7000	1475	1100	550	1800	1380	2560	850	3500	3680	2170	1300	4" <sup>*1</sup>	2	530
9014311	9014312		250	10"	216	40											3680	2170	1300	4" <sup>*1</sup>	2	
9014313	9014314	H1800-4.0	150	6"	125	20	6.25	8075	1700	1100	550	1800	1380	3060	850	4000	4160	2170	1820	4" <sup>*2</sup>	2	530
9014315	9014316		200	8"	187	30											4180	2170	1820	4" <sup>*2</sup>	2	
9014317	9014318	250	10"	250	40	4180	2170	1820	4" <sup>*2</sup>	2												

## Diameter: 2000mm / Sand bed depth: 1.2m

### Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Filtration Area (m <sup>2</sup> )	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size*pcs	N2	W
9014401	9014402	H2000-2.5	150	6"	130	30	4.34	6576	1050	1200	710	2000	1720	1380	1000	2500	2660	2370	/	4" <sup>*1</sup>	1	700
9014403	9014404		200	8"	174	40											2680	/	4" <sup>*1</sup>	1		
9014405	9014406	H2000-3.0	150	6"	159	30	5.30	8025	1300	1200	710	2000	1720	1880	1000	3000	3160	2370	/	4" <sup>*1</sup>	1	700
9014407	9014408		200	8"	212	40											3180	/	4" <sup>*1</sup>	1		
9014409	9014410	H2000-3.5	150	6"	125	20	6.25	9475	1550	1200	710	2000	1720	2380	1000	3500	3660	2370	1300	4" <sup>*1</sup>	2	700
9014411	9014412		200	8"	187	30											3680	2370	1300	4" <sup>*1</sup>	2	
9014413	9014414	250	10"	250	40	3680	2370	1300	4" <sup>*1</sup>	2												
9014415	9014416	H2000-4.0	150	6"	144	20	7.21	10925	1800	1200	710	2000	1720	2880	1000	4000	4160	2370	1800	4" <sup>*2</sup>	2	700
9014417	9014418		200	8"	216	30											4180	2370	1800	4" <sup>*2</sup>	2	
9014419	9014420	250	10"	288	40	4180	2370	1800	4" <sup>*2</sup>	2												
9014421	9014422	H2000-4.5	200	8"	245	30	8.16	12375	2075	1200	710	2000	1720	3380	1000	4500	4680	2370	2300	4" <sup>*2</sup>	2	700
9014423	9014424		250	10"	326	40											4680	2370	2300	4" <sup>*2</sup>	2	
9014437	9014438	H2000-5.0	200	8"	273	30	9.11	13825	2350	1200	710	2000	1720	3880	1000	5000	5270	2370	2800	4" <sup>*2</sup>	2	700
9014439	9014440		250	10"	364	40											5270	2370	2800	4" <sup>*2</sup>	2	

### Product Focuses:



Sightglass



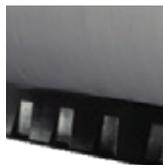
Lateral System



Air Vent Valve



Union Drain



Base



Manometer



Manhole



Flange



# Dual Stack Sand Filters

For aquarium and large scale pool lagoons

## DEMAND MINIMAL FOOTPRINT

The Emaux Dual Stack Sand Filter is engineered to the highest strength and durability. The filter is built to maximize long term performance to resist structural failures caused by corrosion and pressure. It offers a vertically stacked design that doubles the filtration capacity for the same footprint. The Dual Stack Sand Filter is ideal for high-load or high-flow of water facilities such as public pools and water parks.



Filtration System

Laterals

Design Filtration Velocity

30m<sup>3</sup>/h/m<sup>2</sup>

Max Operating Pressure

58psi(4.0bar)

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

1-2mm

### Product Features:

1. Minimizes the floor space for installation
2. Integral base design and self-supporting stackable structure
3. Available in a complete system using Emaux manifold valve systems
4. Optional Vinyl Ester coating maximizes corrosion resistance against saltwater and all kind of pool chemicals including ozone



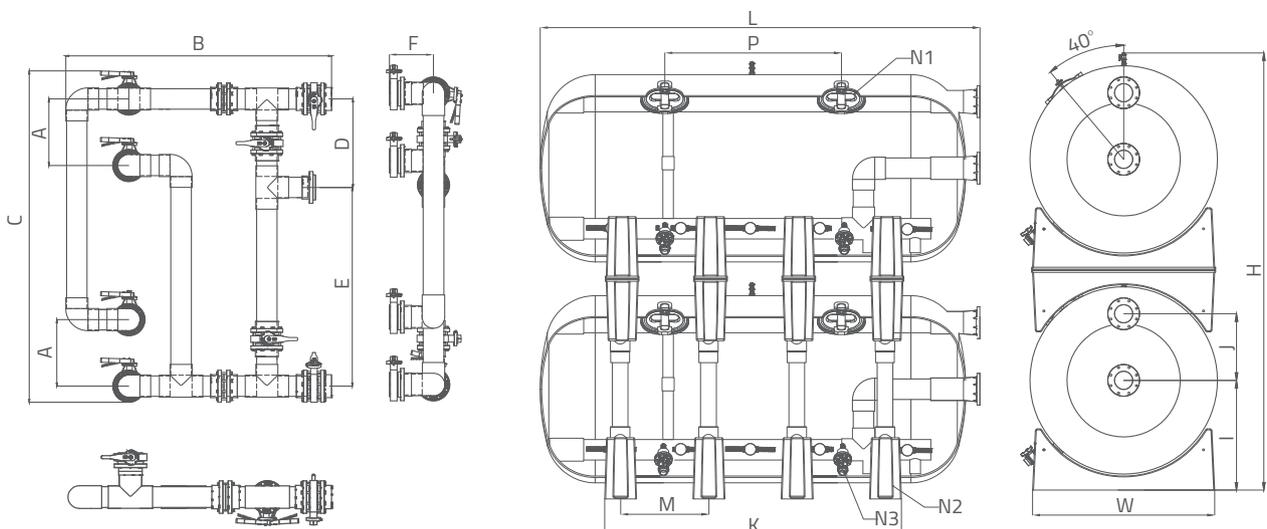
## Technical Information and Product Dimensions

Code	Model	Tank Size (mm)	Filter Area (m <sup>2</sup> )	Flange Connections		Max. Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Dimensions (mm)							N1 pcs	N2 pcs	N3 size*pcs	
				GB(mm)	ANSI			I	J	K	M	H	P	L				W
9015001	TH1400-2.5	1400X2500	3.02X2	160	6"	181	30	859	390	1660	1360	3428	--	2750	1370	2	2	2inch*2
9015002	TH1600-2.5	1600X2500	3.36X2	160	6"	201	30	959	475	1300	1000	3838	--	2750	1570	2	2	4inch*2
9015003	TH2000-4.5	2000X4500	8.16X2	200	8"	489	30	1161	710	3160	940	4634	1880	4770	1920	4	4	4inch*4

Flange connection standard optional: GB(HG20592 PN1.0MPa) or ANSI( ANSI B16.5(1988) Class150)

## Butterfly Valve Dimensions

Code	Model	Valve Connection		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
		GB(mm)	ANSI						
9080203	DBV60-TH1400	160	6"	390	1970	2805	386	2023	352
9080202	DBV60-TH1600	160	6"	475	1970	2396	386	1638	352
9080201	DBV80-TH2000	200	8"	710	2836	3538	940	2121	464



# Large Size Horizontal Sand Filter

For aquarium and large scale waterland

## CUSTOM-BUILT AVAILABLE HORIZONTAL GIANT!

Horizontal sand filter provides a larger filtration area for installation space optimization. Emaux manufactures horizontal sand filter up to 3 meters in diameter and 10 meters in length. Emaux is also able to build to individual project requirements. Dimensions can be modified according to project specifications.



Filtration System

Laterals

Design Filtration Velocity

30m<sup>3</sup>/h/m<sup>2</sup>

Max Operating Pressure

58psi(4.0bar)

Max Temperature

43 °C (109 °F)

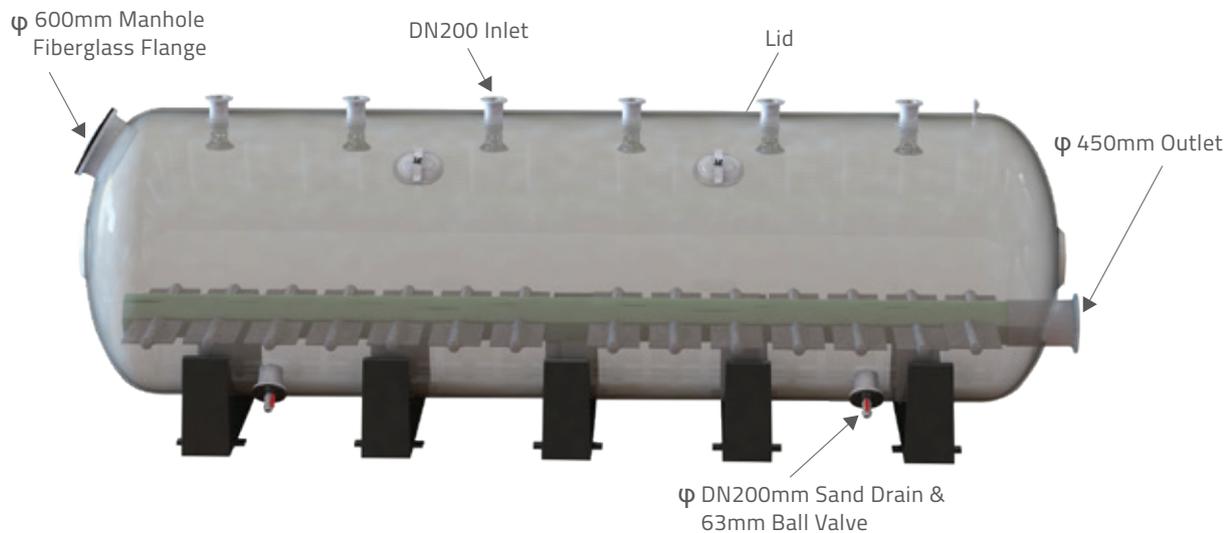
Suggested Size of Media

0.5-0.8mm

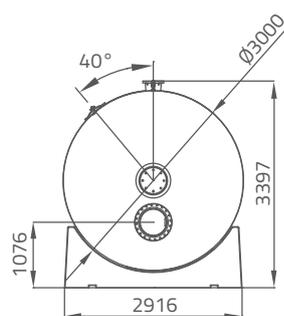
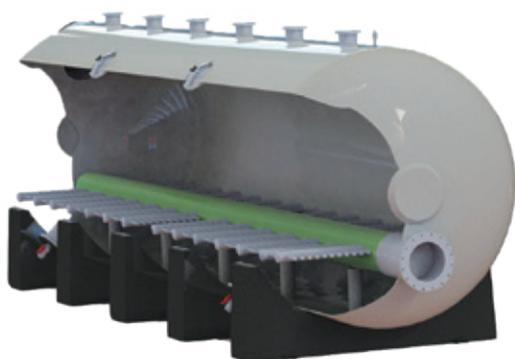
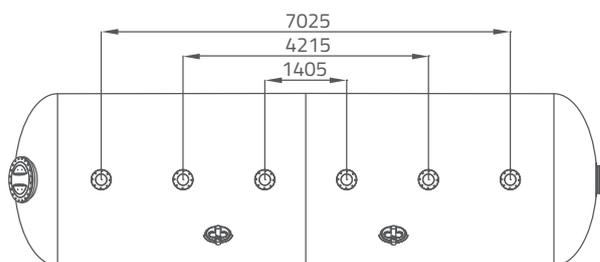
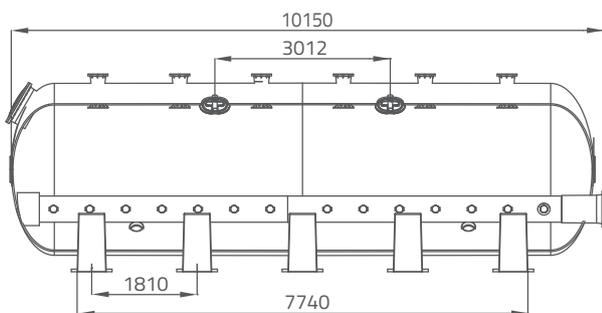
1-2mm

### Typical Specification Guideline

Code	Model	Tank Size (mm)	Filter Area (m <sup>2</sup> )	Flange Connections		Max Flow Rate m <sup>3</sup> /h	Velocity m <sup>3</sup> /h/m <sup>2</sup>	Max Operation Pressure (Bar)
				GB(mm)	ANSI			
9320056	H3000 - 10.0	3000 x 10000	27.44	200/450	8"/18"	650	23.7	4



## Product Dimensions



# Custom-Built Service

Fit all projects' needs



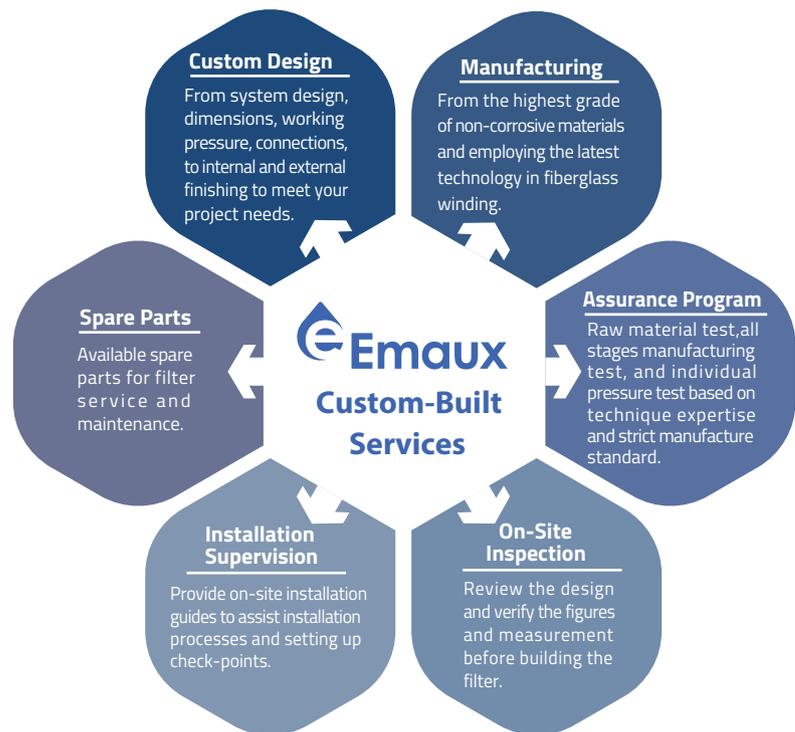
Emaux offers a fully customized service from system design, dimensions, working pressure, connections, to internal and external finishing to meet your project needs.

The products are designed and manufactured in accordance with the latest international industry standards such as BS EN-13121, European Directive of Pressure Vessels 97/23/EC; and employ a quality assurance program that starts with confirmation and testing of raw materials right through all stages of the manufacture and final testing.

Each sand filter is individually pressure tested and comes with its own factory test certificate, quality assurance record, and serial number.

## Full customer supports from system design to on-site support

Emaux assists customers to review their design before building the filter, provide on-site inspection before installation, and installation supervision. Also, the availability of spare parts is ensured to extend the life of the product.



## Customized maximum size and performance:



Max Pressure



Max Flow Rate



Max Filtration Area



Max Diameter



Max Length



# ***FILTER SYSTEM***

# Ultra Filter System FSU Series

For above-ground pools, with built-in timer option

## Valve

4-Way Multiport Valve

## Max Working Pressure

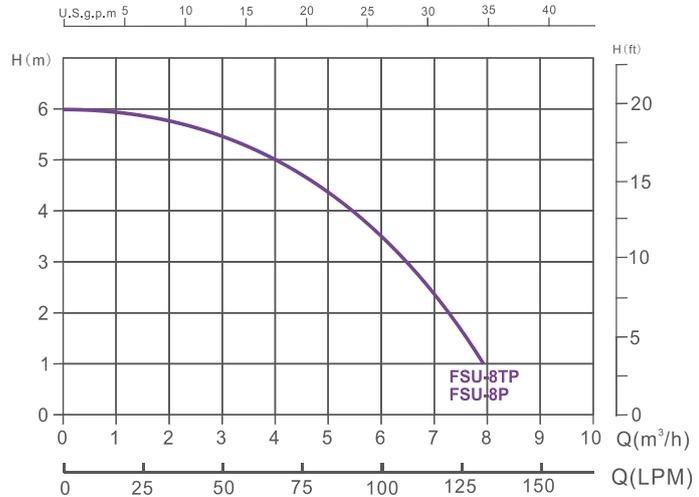
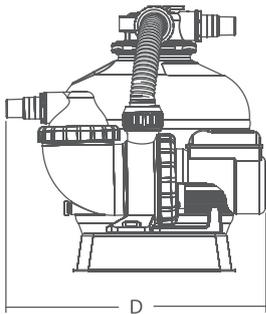
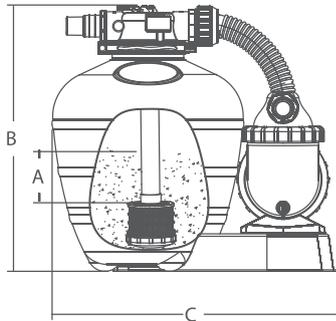
29psi/2bar

## Max Water Temperature

40°C (104°F)

## Suggested Size Of Media

0.5-0.8mm



Note: Flow curve information based on 220V/50Hz motor.

## FSU Series Filtration Combo

includes:

1. Durable top mount plastic filter tank
2. 4-Way Multiport Valve
3. Aqua-Mini Pump (AMU020TP or AMU020P)
4. Timer (optional)

## Product Information and Dimensions

Code	Model	Filter	Pump	Max. Flow Rate	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Filter & Pump In/Out Connection	Adaptor	
9071111	FSU-8TP	13" Filter	AMU020TP	133.3 lpm	8.0m³/h	17	145	470	494	450	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm
9071109	FSU-8P	13" Filter	AMU020P	133.3 lpm	8.0m³/h	17	145	470	494	450	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm

Note: Suggested sand weight varies with differences in filter media size. For reference only.

# Compact Filter System FSP Series

For above-ground pools

Valve

4-Way Multiport Valve

Max Working Pressure

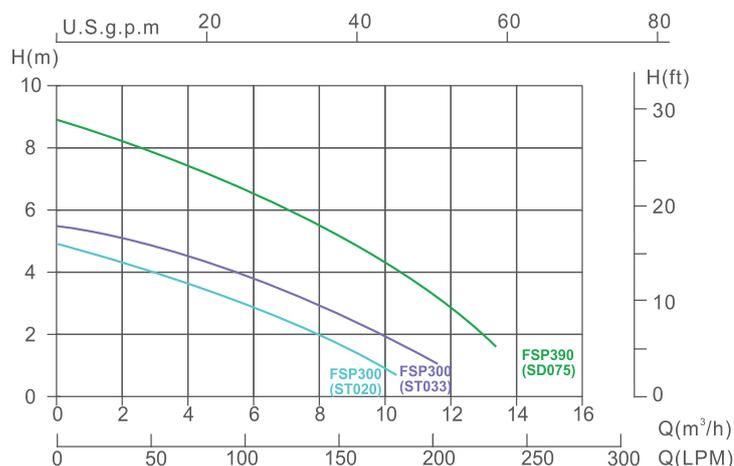
29psi/2bar

Max Water Temperature

40°C (104°F)

Suggested Size Of Media

0.5-0.8mm

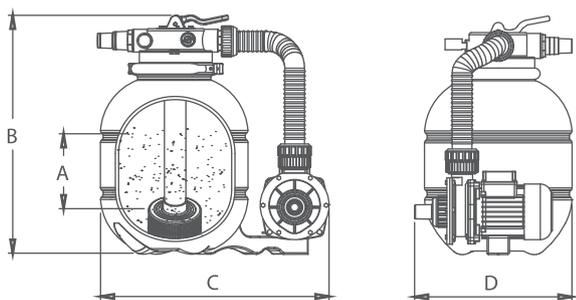


Note: Flow curve information based on 220V/50HZ motor.



**FSP300 Filtration Combo** includes:

1. Durable top mount plastic filter tank (P300 Filter)
2. 4-Way Multiport Valve
3. ST Series Pump (ST020 or ST033)

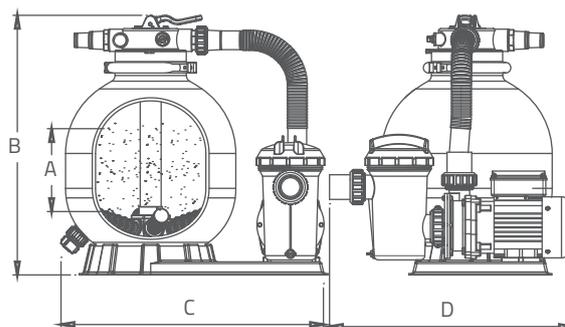


FSP300-4W



**FSP390 Filtration Combo** includes:

1. Durable top mount plastic filter tank (P390 Filter)
2. 4-Way Multiport Valve
3. SD075 Pump



FSP390-4W

## Product Information and Dimensions

Code	Model	Filter	Pump	Max. Flow Rate	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Filter & Pump In/Out Connection	Adaptor
9070402	FSP300-4W	P300	ST020	58 lpm 3.5m <sup>3</sup> /h	19	145	540	485	330	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm
9070403	FSP300-4W	P300	ST033	67 lpm 4.02m <sup>3</sup> /h	19	145	540	485	330	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm
9070414	FSP390-4W	P390	SD075	133 lpm 8.00m <sup>3</sup> /h	35	235	724	760	527	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm

# FSP Series Filter System

For above-ground pools and residential pools

## Valve

4 or 6-Way Multiport Valve

## Max Working Pressure

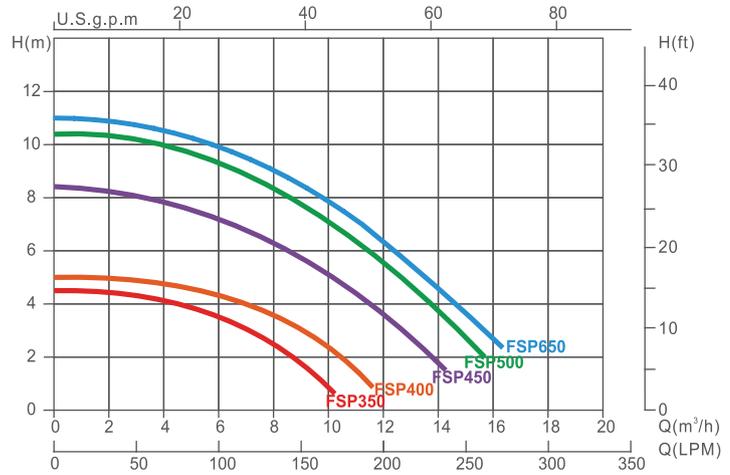
29psi/2bar

## Max Water Temperature

40°C (104°F)

## Suggested Size Of Media

0.5-0.8mm

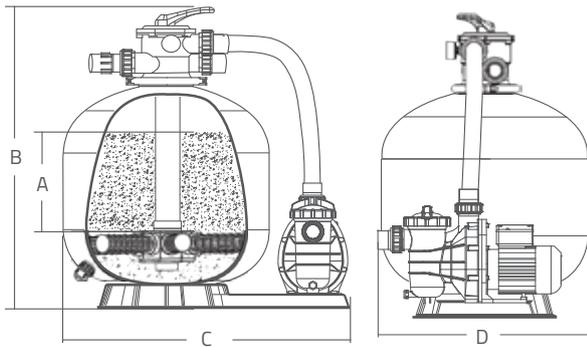


Note: Flow curve information based on 220V/50Hz motor.

## FSP Series Filtration Combo

includes:

1. Durable top mount plastic filter tank
2. 4 or 6-Way Multiport Valve
3. SS Series Pump



## Product Information and Dimensions

Code (4-way Valve)	Code (6-way Valve)	Model	Filter	Pump	Valve Connections	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Max. Flow Rate
9070404	--	FSP350-4W	P350	SS020	1.5" / 50mm	20	160	580	555	350	72 lpm 4.32m³/h
9070405	--	FSP400-4W	P400	SS033	1.5" / 50mm	35	175	625	760	400	108 lpm 6.48m³/h
9070406	--	FSP450-4W	P450	SS050	1.5" / 50mm	45	210	680	760	449	135 lpm 8.10m³/h
9070407	--	FSP500-4W	P500	SS075	1.5" / 50mm	85	235	724	760	527	185 lpm 11.10m³/h
9070408	--	FSP650-4W	P650	SS100	1.5" / 50mm	145	300	832	760	627	260 lpm 15.60m³/h
--	9070505	FSP350-6W	P350	SS020	1.5" / 50mm	20	160	680	555	350	72 lpm 4.32m³/h
--	9070501	FSP400-6W	P400	SS033	1.5" / 50mm	35	175	759	760	400	108 lpm 6.48m³/h
--	9070502	FSP450-6W	P450	SS050	1.5" / 50mm	45	210	813	760	449	135 lpm 8.10m³/h
--	9070503	FSP500-6W	P500	SS075	1.5" / 50mm	85	235	856	760	527	185 lpm 11.10m³/h
--	9070504	FSP650-6W	P650	SS100	1.5" / 50mm	145	300	961	760	627	260 lpm 15.60m³/h

# FSF Series Filter System

For residential pools

Valve

6-Way Multiport Valve

Max Working Pressure

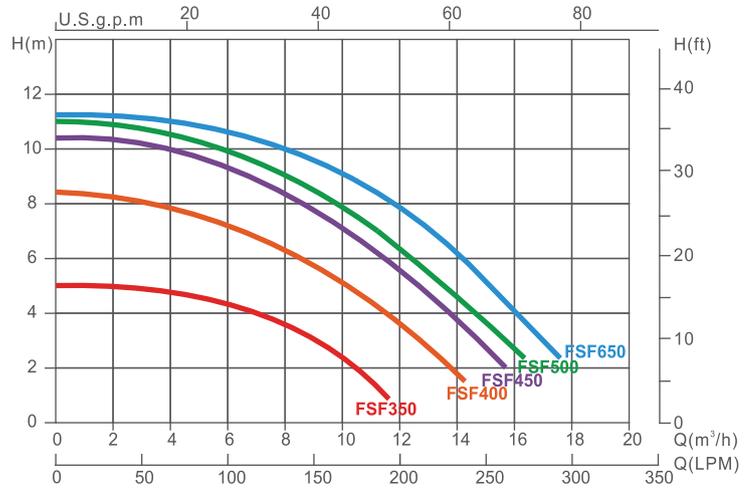
36psi/2.5bar

Max Water Temperature

43°C (109°F)

Suggested Size Of Media

0.5-0.8mm

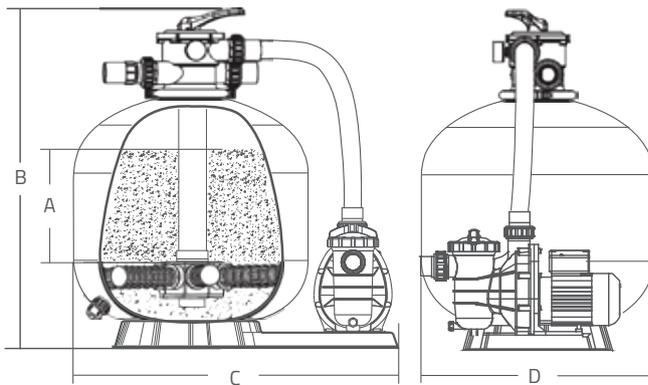


Note: Flow curve information based on 220V/50HZ motor.

## FSF Series Filtration Combo

includes:

1. Top mount fiberglass filter tank
2. 6-Way Multiport Valve
3. SS or SC Series Pump



Note: Suggested sand weight varies with the differences in filter media size. For reference only.



## Product Information and Dimensions

Code	Model	Filter	Pump	Valve Connections	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Max. Flow Rate
9070301	FSF350-6W	V350	SS033	1.5" / 50mm	20	160	680	555	355	72lpm 4.32m³/h
9070302	FSF400-6W	V400	SS050	1.5" / 50mm	35	175	759	760	410	108lpm 6.48m³/h
9070303	FSF450-6W	V450	SS075	1.5" / 50mm	45	210	813	760	455	135lpm 8.10m³/h
9070304	FSF500-6W	V500	SC100	1.5" / 50mm	85	235	856	760	535	185lpm 11.10m³/h
9070305	FSF650-6W	V650	SC150	1.5" / 50mm	145	300	961	760	635	260lpm 15.60m³/h

# FSM Series Filter System

For residential pools and semi-commercial pools

Valve

6-Way Multiport Valve

Max Working Pressure

40psi/2.8bar

Max Water Temperature

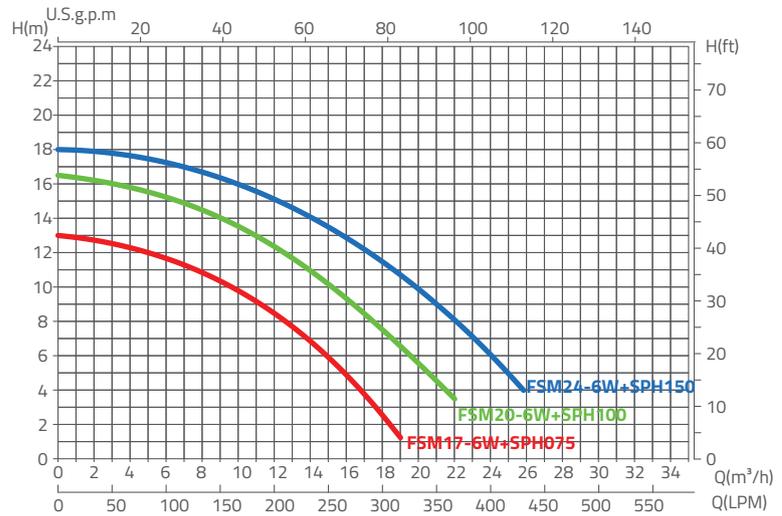
50°C (122°F)

Suggested Size Of Media

0.5-0.8mm



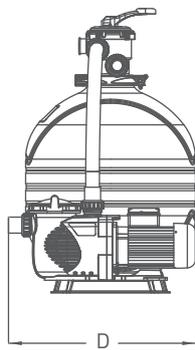
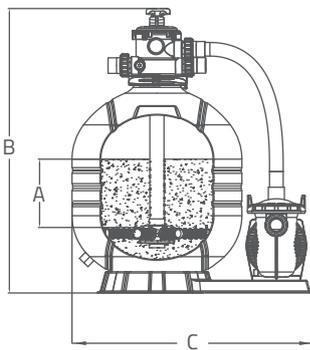
SAA



## FSM Filtration Combo

includes:

1. Durable top mount plastic filter tank (Max Series Filter)
2. 6-Way Multiport Valve
3. SPH Series Pump (SPH075, SPH100 or SPH150)

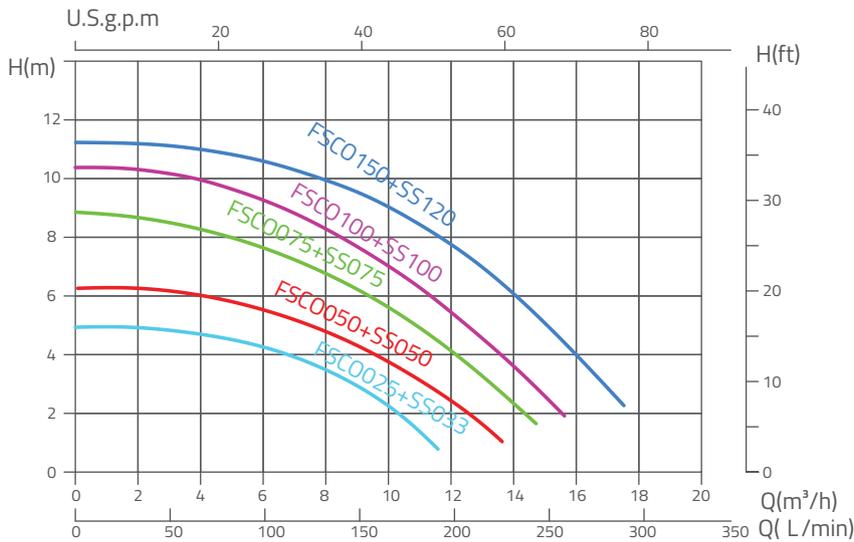
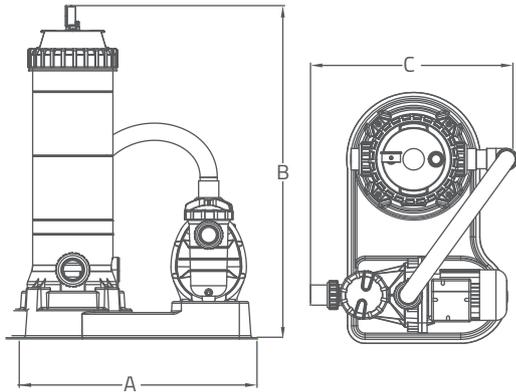


## Product Information and Dimensions

Code	Model	Filter	Pump	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Filter & Pump In/Out Connection
9070602	FSM17-6W+SPH075	MFV17	SPH075	40	195	816	762.5	652	1.5" / 50 mm
9070603	FSM20-6W+SPH100	MFV20	SPH100	70	225	889	800	652	1.5" / 50 mm
9070604	FSM24-6W+SPH150	MFV24	SPH150	125	280	980	850	652	1.5" / 50 mm

# FSCO Series Filter System

Include UV resistant cartridge filter tank



## FSCO Series Filtration Combo

includes:

1. Cartridge filter
2. Cartridge filter element
3. SS Series Pump

## Product Information and Dimensions

Code	Model	Cartridge Filter	Pump	Valve Connections	A (mm)	B (mm)	C (mm)
9071214	FSCO025+SS033	CF25	SS033	1.5" / 50mm	705	580	507
9071215	FSCO050+SS050	CF50	SS050	1.5" / 50mm	705	760	552
9071216	FSCO075+SS075	CF75	SS075	1.5" / 50mm	705	940	552
9071217	FSCO100+SS100	CF100	SS100	1.5" / 50mm	705	1120	552
9071218	FSCO150+SS120	CF150	SS120	1.5" / 50mm	705	1300	552

# EMD Series In-Ground Filter System

Easy installation with pre-installed plumbing and durable, weatherproof enclosure

## SIMPLIFY THE INSTALLATION AND OPERATION

Emaux EMD Series In-Ground Filter System is made from fiberglass-reinforced plastic, water-tight, and equipped with a submersible pump to drain water automatically. The filter systems are suitable for all kinds of pool shapes and sizes and can be customized to your specific requirements.



Max Working Pressure

36psi/2.5bar

Max Water Temperature

43°C (109°F)

Suggested Size Of Media

0.5-0.8mm

### The Content

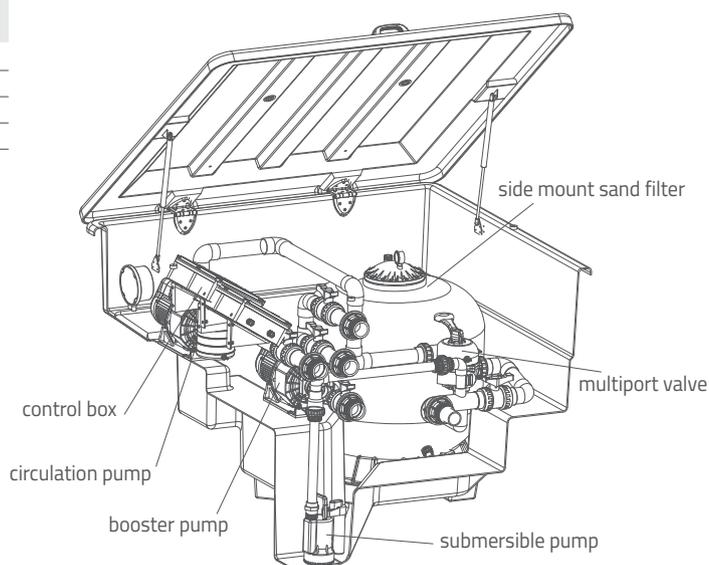
1. The system consists of a subsystem for filtration, hydraulic massage, sanitizing and lighting
2. Service Lights installed on the corner will turn on automatically when the cover is open
3. It can be equipped with salt water chlorinator which is the most effective and widely used means for sanitization

### Timer-controlled Automation

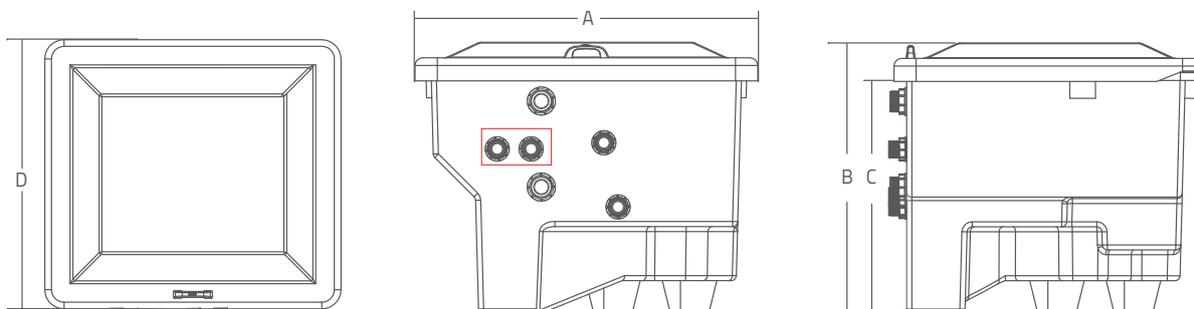
1. Eliminates the needs for manual power on/off and professional staff for maintenance
2. Convenient and user-friendly



Model	A mm	B mm	C mm	D mm
EMD-11	1330	1055	905	1210
EMD-14	1330	1055	905	1210
EMD-18	1400	1220	1080	1340
EMD-25	1730	1315	1170	1630
EMD-32	1730	1315	1170	1630



## Product Dimensions



## EMD Series Filter System Product Information

Code	Model	Description	Pool Volume	Flowrate
9050207	EMD-11C	S500 Sand Filter, SS050 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	66m <sup>3</sup>	11m <sup>3</sup> /h
9050208	EMD-11CP	S500 Sand Filter, SS050 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	66m <sup>3</sup>	11m <sup>3</sup> /h
9050213	EMD-14C	S650 Sand Filter, SS100 Pump, CL-01A Chlorine Feeder and PSB016 Submersible Pump	84m <sup>3</sup>	14m <sup>3</sup> /h
9050214	EMD-14CP	S650 Sand Filter, SS100 Pump, CL-01A Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	84m <sup>3</sup>	14m <sup>3</sup> /h
9050219	EMD-18C	S700 Sand Filter, SC150 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	108m <sup>3</sup>	18m <sup>3</sup> /h
9050220	EMD-18CP	S700 Sand Filter, SC150 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	108m <sup>3</sup>	18m <sup>3</sup> /h
9050231	EMD-25C	S800 Sand Filter, SB20 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	150m <sup>3</sup>	25m <sup>3</sup> /h
9050232	EMD-25CP	S800 Sand Filter, SB20 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	150m <sup>3</sup>	25m <sup>3</sup> /h
9050237	EMD-32C	S900 Sand Filter, SB30 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	192m <sup>3</sup>	32m <sup>3</sup> /h
9050238	EMD-32CP	S900 Sand Filter, SB30 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	192m <sup>3</sup>	32m <sup>3</sup> /h





# ***FILTRATION MEDIA***

# Glass Filtration Media

For all types of swimming pool, water park and water features

## CREATE CRYSTAL CLEAR WATER



### Advantages

1. Lighter than silica sand.
2. Save water and power from backwashing.
3. Longer operation life than silica sand due to higher attrition strength.
4. Significantly improves water clarity compared to the performance of silica sand.
5. Removes finer impurities than equivalent grade of silica sand.
6. Cost-effective, a direct replacement for silica sand.
7. Suitable for commercial potable water treatment, commercial rapid-rate re-use water filters, waste water treatment and sewage treatment (lattice structure ideal for biological control).

### Ordering Details

Code	Model	Size and Weight
525014	FMG15A	0.5-0.8mm, 15kg/bag
525015	FMG15B	1.0-2.0mm, 15kg/bag
525012	FMG25A	0.5-0.8mm, 25kg/bag
525013	FMG25B	1.0-2.0mm, 25kg/bag
525002	FMG25C	3.0-5.0mm, 25kg/bag

### Available Sizes



# Perlite Filter Media

For all types of swimming pool, water park and water features

## EXPERIENCE ULTIMATE POOL FILTRATION

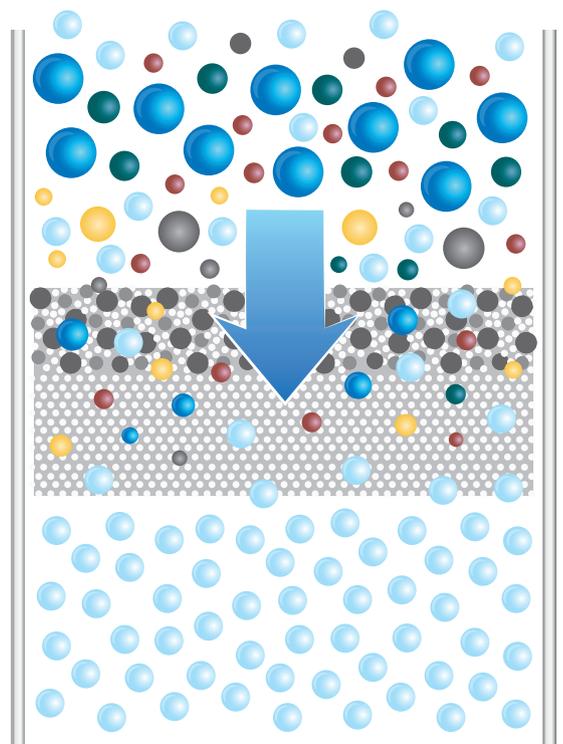


### Benefits of Perlite Filter Media

- 1. High Filtration Efficiency:** Perlite forms a porous, permeable, and rigid lattice structure that effectively traps solid particles while allowing for fast flow rates and brilliant clarity.
- 2. Wide Permeability Range:** Perlite offers a wide range of permeability, making it suitable for different filtration needs.
- 3. Minimal Cake Cracking:** The filter cake formed by perlite is less prone to cracking, which helps maintain consistent filtration performance.
- 4. Sterile and Inert Nature:** Perlite is sterile and inert, ensuring that it does not react with the filtered water or introduce any contaminants.
- 5. Compliance with Regulations:** Perlite filter aids satisfy the US Food Codex and relevant EU regulations, making them suitable for use in various applications.

### Ordering Details

Code	Model	Description	Weight
525011	GK-110	Filtration media Perlite 12kg bag	12kg/bag







# ***SELECTOR VALVE AND ACCESSORIES***



# Multiport Valve

## EASY-TO-OPERATE LEVER HANDLE

Emaux Valves are produced in versions for Top Mount and Side Mount filter designs, and are made of ABS material with heavy duty plastic handle. Depending on filter type, 4-way and 6-way models are available for operating functions to cover all the necessary operations needed in any swimming pools filtration.

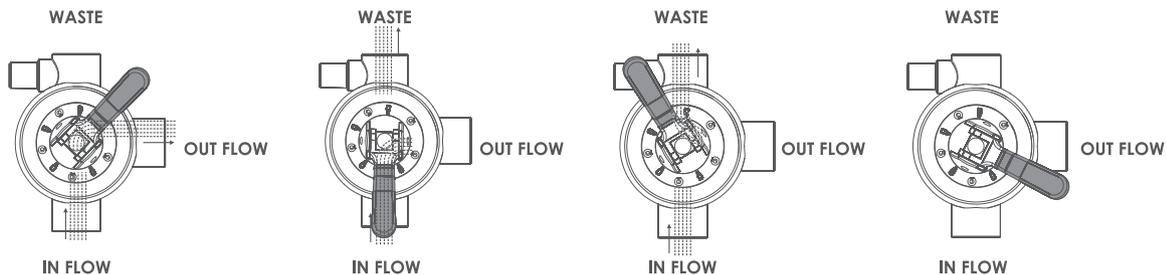
### Product Features:

1. 100% tested for pressure and watertightness
2. Easy installation, maintenance, and servicing
3. Made of sturdy ABS and marine-grade stainless steel
4. Designed for superior durability
5. Commercial multiport valves are cost efficient and space-saving compared to the butterfly valve manifolds



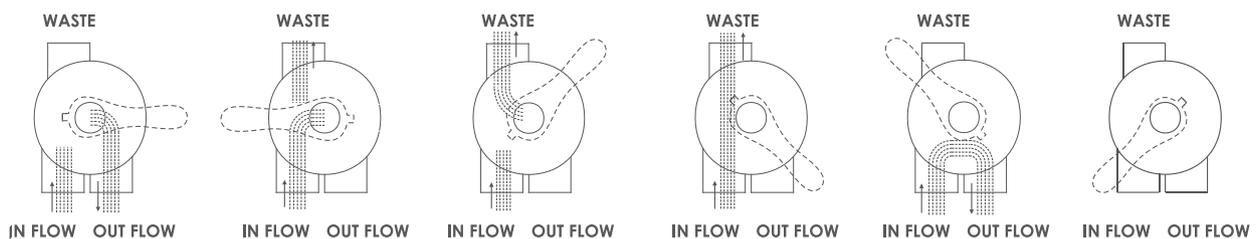
6-Way Multiport Valve

### Functions : 4-Way Multiport Valve



Filter	Backwash	Rinse	Closed
Normal Filtration	Cleaning Filter by reversing the flow	Used after backwash to flush dirt from valve	Shuts off all flow to filter or pool

### Functions : 6-Way Multiport Valve



Filter	Backwash	Rinse	Waste	Recirculate	Closed
Normal Filtration	Cleaning Filter by reversing the flow	Used after backwash to flush dirt from valve	By-passes filter, used for vacuuming to waste outlet or lowering water level	By-passes filter for circulating water to pool	Shuts off all flow to filter or pool

# Top Mount Multiport Valve

## 1 inch 6-Way Top Mount Valve (MPV06)

For Top Mount Deep Bed Filters / Emaux HD Series Deep Bed Filters

Connection

Thread Type

Max Working Pressure

700kPa/101psi/7bar

Factory Testing Pressure

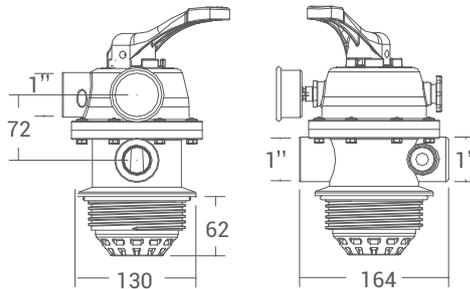
1500kPa/217psi/15bar

Max Water Temperature

50°C (122°F)

Flow Rate

5m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91900309	MPV06	Valve only

## 1.5 inch 4-Way Top Mount Valve (MPV05)

For Top Mount Fiberglass and Plastic Filters / Emaux FSP Series Filter Systems

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

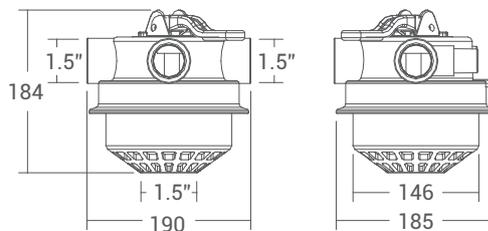
700kPa/101psi/7bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91901013	MPV05	Valve only

## 1.5 inch 4-Way Top Mount Valve (MPV16)

For Top Mount Plastic Filters / Emaux Ultra (FSU Series) Filter Systems

Connection

Clamp Type

Max Working Pressure

200kPa/28psi/2bar

Factory Testing Pressure

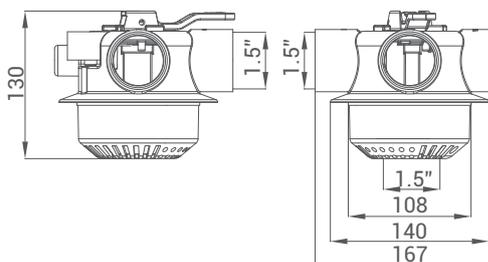
350kPa/50psi/3.5bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m<sup>3</sup>/h at 200kPa/28psi/2bar



Code	Model	Description
91901012	MPV16	Valve only

## 1.5 inch 6-Way Top Mount Valve (MPV01)

For Top Mount Fiberglass and Plastic Filters / Emaux V, P Series Filters

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

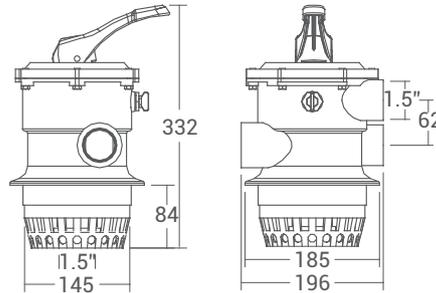
700kPa/101psi/7bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91901300	MPV01	Valve only
91901525	MPV01	6 Way 1.5" Valve with union set x 2, sight glass union x 1 and pressure gauges for P series
91901502	MPV01	6 Way 1.5" Valve with union set x 2, sight glass union x 1 and pressure gauge for V series

## 1.5 inch 6-Way Top Mount Valve (with Turn-Lock Lid) (MPV07)

For Top Mount Fiberglass and Plastic Filters / Emaux MFV Series, T series, TMG series 500/650 Filters. Turn-Lock Lid allow Tool-Free Servicing

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

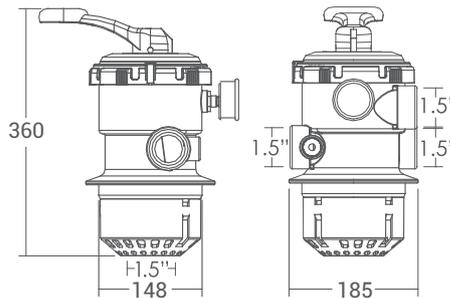
700kPa/101psi/7bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91901307	MPV07	Valve only
91901506	MPV07	6 Way 1.5" Valve with union set x 3 and pressure gauges for MFV series
91901508	MPV07	6 Way 1.5" Valve with union set x 3 and pressure gauges for TMG500/TMG650
91901533	MPV07	6 Way 1.5" Valve with union set x 3 and pressure gauges for T450-T700

## 2 inch 6-Way Top Mount Valve (MPV02)

For Top Mount Fiberglass Filters / Emaux V, TMG Series Filters

Connection

Bolt Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

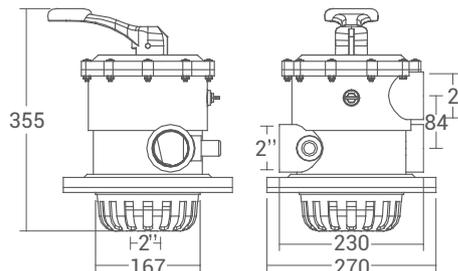
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91902302	MPV02	Valve only
91902502	MPV02	6 Way 2" Valve with union set x 3 and pressure gauges for V series
91902322	MPV02	Valve for TMG750/TMG900 (Valve only)
91902522	MPV02	6 Way 2" Valve with union set x 3 and pressure gauges for for TMG750/TMG900

## 2 inch 6-Way Top Mount Valve (with Turn-Lock Lid) (MPV08)

For Top Mount Fiberglass and Plastic Filters / Emaux V650(PB), MFV Series Filters  
Turn-Lock Lid allow Tool-Free Servicing

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

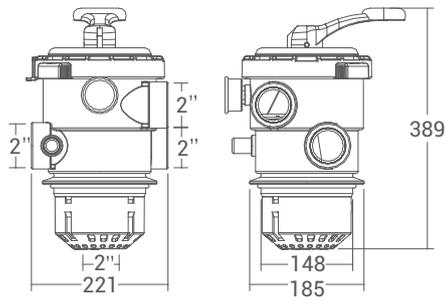
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91902307	MPV08	Valve only
91902506	MPV08	6 Way 2" Valve with union set x 3, sight glass and pressure gauge for MFV series - Clamp Type
91902510	MPV08	6 Way 2" Valve with union set x 3, sight glass and pressure gauge for TMG650B - Clamp Type
91902546	MPV08	6 Way 2" Valve with union set x 3, sight glass and pressure gauge for V650PB V700PB series - Clamp Type
91902547	MPV08	6 Way 2" Valve with union set x 3, sight glass and pressure gauge for P650B P700B series - Clamp Type
91902533	MPV08	6 Way 2" Valve with union set x 3, sight glass and pressure gauge for T600-T700 - Clamp Type

## 2 inch 6-Way Top Mount Valve (MPV11)

For Top Mount Fiberglass Filters / Emaux V Series Filters

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

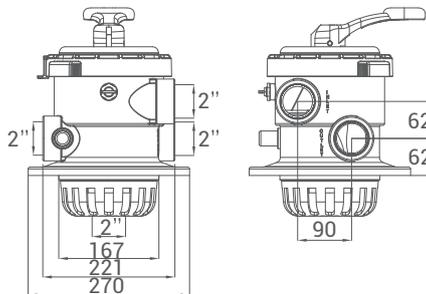
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m<sup>3</sup>/h at 400kPa/58psi/4bar



Code	Model	Description
91902335	MPV11	Valve only
91902535	MPV11	Valve with 2" union set x 3 and pressure gauge

## 2.5 inch 6-Way Top Mount Valve (MPV12)

For Top Mount Fiberglass and Plastic Filters / Emaux V Series Filters

Connection

Bolt Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

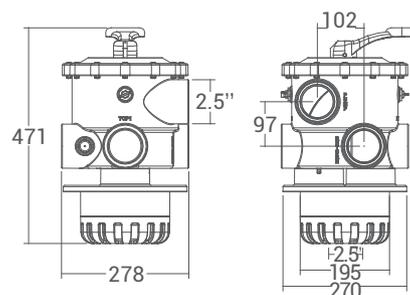
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

36m<sup>3</sup>/h at 400kPa/58psi/4bar

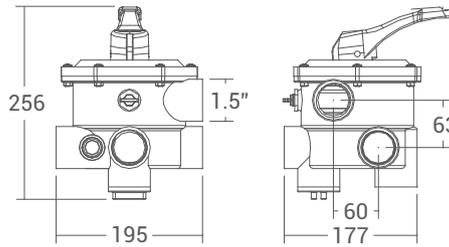


Code	Model	Description
91903302	MPV12	Valve only
91903502	MPV12	Valve with 2.5" union set x 3 and pressure gauge

# Side Mount Multiport Valve

## 1.5 inch 6-Way Side Mount Valve (MPV03)

For Side Mount Filters /  
Emaux MAX,  
SP, S, SMG, SR Series Filters



### Connection

Union Connection

Max Working Pressure  
400kPa/58psi/4bar

Factory Testing Pressure  
700kPa/101psi/7bar

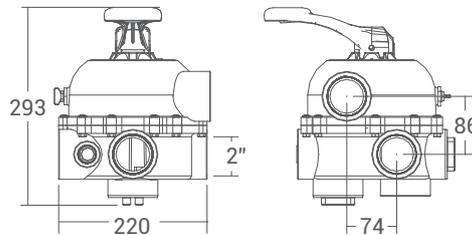
Max Water Temperature  
50°C (122°F)

Flow Rate  
17m<sup>3</sup>/h at 400kPa/  
58psi/4bar

Code	Model	Description
91901303	MPV03	6 Way 1.5" Side Mount Valve for S Series (Valve Only)
91901305	MPV03	6 Way 1.5" Side Mount Valve for MFS Series (Valve Only)
91901326	MPV03	6 Way 1.5" Side Mount Valve for SP Series (Valve Only)
91901329	MPV03	6 Way 1.5" Side Mount Valve for SMG Series (Valve Only)
91901403	MPV03	6 Way 1.5" Valve with piping for S Series (without union set)
91901405	MPV03	6 Way 1.5" Valve with piping for MFS Series (without union set)
91901426	MPV03	6 Way 1.5" Valve with piping for SP Series (without union set)
91901428	MPV03	6 Way 1.5" Valve with piping for SR Series (without union set)
91901429	MPV03	6 Way 1.5" Valve with piping for SMG Series (without union set)
91901503	MPV03	6 Way 1.5" Valve with piping, union set x 2, sight glass union x 1 and pressure gauge for S series
91901505	MPV03	6 Way 1.5" Valve with piping, union set x 2, sight glass union x 1 and pressure gauge for MFS series
91901526	MPV03	6 Way 1.5" Valve with piping, union set x 2, sight glass union x 1 and pressure gauge for SP series
91901528	MPV03	6 Way 1.5" Valve with piping, union set x 2, sight glass union x 1 and pressure gauge for SR series
91901529	MPV03	6 Way 1.5" Valve with piping, union set x 2, sight glass union x 1 and pressure gauge for SMG650, SMG500

## 2 inch 6-Way Side Mount Valve (MPV04)

For Side Mount Fiberglass and  
Plastic Filters /  
Emaux MAX, S, SMG Series Filters



### Connection

Union Connection

Max Working Pressure  
400kPa/58psi/4bar

Factory Testing Pressure  
500kPa/72psi/5bar

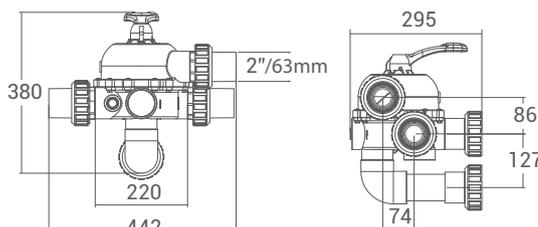
Max Water Temperature  
50°C (122°F)

Flow Rate  
27m<sup>3</sup>/h at 400kPa/  
58psi/4bar

Code	Model	Description
91902303	MPV04	6 Way 2" Side Mount Valve for S Series (Valve Only)
91902305	MPV04	6 Way 2" Side Mount Valve for MFS Series (Valve Only)
91902329	MPV04	6 Way 2" Side Mount Valve for SMG Series (Valve Only)
91902330	MPV04	6 Way 2" Side Mount Valve for SDB Series (Valve Only)
91902403	MPV04	6 Way 2" Valve with piping for S Series (without union set)
91902405	MPV04	6 Way 2" Valve with piping for MFS Series (without union set)
91902428	MPV04	6 Way 2" Valve with piping for SR Series (without union set)
91902429	MPV04	6 Way 2" Valve with piping for SMG Series (without union set)
91902430	MPV04	6 Way 2" Valve with piping for SDB Series (without union set)
91902503	MPV04	Valve with Piping Kit (long 90° elbow), 2" union set x 3 and pressure gauge for S series filter
91902505	MPV04	Valve with Piping Kit (short 90° elbow), 2" union set x 3 and pressure gauge for MFS series filter
91902528	MPV04	Valve with Piping Kit (long 90° elbow), 2" union set x 3 and pressure gauge for SR series filter
91902529	MPV04	Valve with Piping Kit (long 90° elbow), 2" union set x 3 and pressure gauge for SMG series filter
91902530	MPV04	Valve with Piping Kit (long 90° elbow), 2" union set x 3 and pressure gauge for SDB series filter

## 2 inch 6-Way Side Mount Valve (MPV04) for Galaxy IDE Series Filter Only

For Side Mount Fiberglass and Plastic Filters /  
Galaxy IDE Series Filter



Code	Model	Description
91902540	MPV04	Valve with Piping kit and 2" union set x 3 for Galaxy IDE series filter

## 2.5 inch 6-Way Side Mount Valve (MPV13)

For Side Mount Fiberglass & Deep Bed Filters / Emaux S & SDB Series Filters

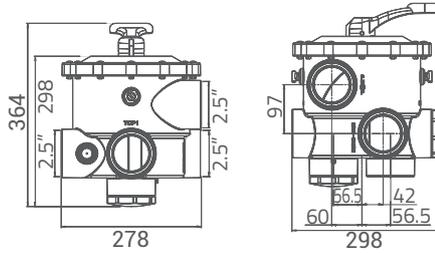
Connection  
Union Connection

Max Working Pressure  
400kPa/58psi/4bar

Factory Testing Pressure  
500kPa/72psi/5bar

Max Water Temperature  
50°C (122°F)

Flow Rate  
27m<sup>3</sup>/h at 400kPa/  
58psi/4bar



Code	Model	Description
91903303	MPV13	6 Way 2.5" Side Mount Valve for S Series (Valve Only)
91903330	MPV13	6 Way 2.5" Side Mount Valve for SDB Series (Valve Only)
91903503	MPV13	6 Way 2.5" Valve with piping, union set x 3, sight glass, and pressure gauge for S series
91903530	MPV13	6 Way 2.5" Valve with piping, union set x 3, sight glass and pressure gauge for SDB series
91903403	MPV13	Valve with Piping Kit for S series filter (without union set)
91903430	MPV13	Valve with Piping Kit for SDB series filter (without union set)
91903529	MPV13	6 Way 2.5" Valve with piping, union set x 3, sight glass and pressure gauge for SMG1050C series filter

## Commercial Multiport Valve

### Commercial 3 inch 6-Way Side Mount Valve (MPV14)

For Side Mount Commercial Filters / Emaux S, NL, K Series Filters

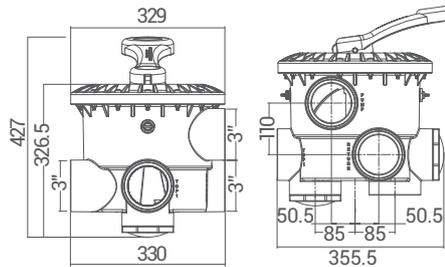
Connection  
Flange Type

Max Working Pressure  
400kPa/58psi/4bar

Factory Testing Pressure  
500kPa/72psi/5bar

Max Water Temperature  
50°C (122°F)

Flow Rate  
52m<sup>3</sup>/h at 400kPa/  
58psi/4bar



Code	Model	Description
91904303	MPV14	Valve only
91904503	MPV14	Valve with Piping Kit Male Adaptor for S1000(D) series filter
91906503	MPV14	Valve with Piping Kit Male Adaptor for S1200(D), NL, K series filter (Piping kit flange: DIN standard)
91907529	MPV14	Valve for SMG1050, SMG1200 (with 3 sets union and pressure gauge)

### Commercial 4 inch 6-Way Side Mount Valve (MPV15)

For Side Mount Commercial Filters / Emaux NL, K Series Filters

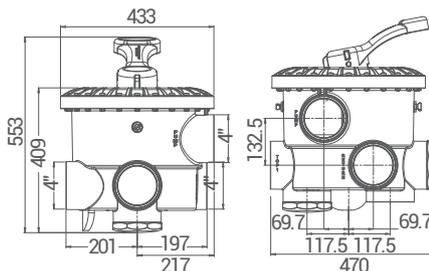
Connection  
Flange Type

Max Working Pressure  
400kPa/58psi/4bar

Factory Testing Pressure  
500kPa/72psi/5bar

Max Water Temperature  
50°C (122°F)

Flow Rate  
108m<sup>3</sup>/h at 400kPa/  
58psi/4bar



Code	Model	Description
91905311	MPV15	Valve only
91905532	MPV15	6 Way 4" Valve with piping, male adapter for K series (Piping kit flange: DIN standard)
91905531	MPV15	6 Way 4" Valve (Black) with piping, male adapter for NL series (Piping kit flange: DIN standard)
91905501	MPV15	Valve with Piping Kit Male Adaptor for E1400 filter (Piping kit flange: DIN standard)

# Valve Manifold

For commercial heavy-duty usage

Material

Anti-Corrosive

Max Working Pressure

250kPa/36psi/2.5bar

Factory Testing Pressure

400kPa/58psi/4.0bar

Max Water Temperature

43°C (109°F)



## Butterfly Valve

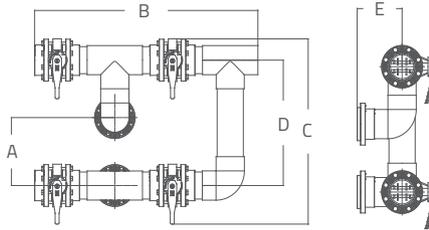
Easy installation and disassembly

Code	Model	Size
51114005	BV30	3" (90mm)
51114006	BV40	4" (110mm)
51114007	BV60	6" (160mm)
51114008	BV80	8" (200mm)
51114016	BV100	10" (250mm)
51114017	BV120	12" (315mm)

## 4-Way Butterfly Valve



4 Way Butterfly Valve NBV30-NBV80



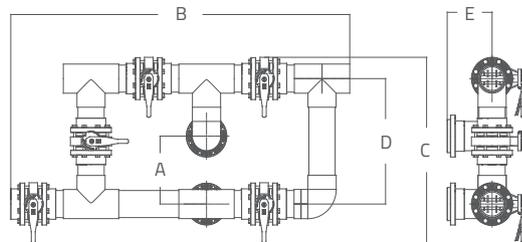
4 Way Butterfly Valve NBV30-NBV80

Code	Model	Code	Model	Valve Connection		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
				GB(mm)	ANSI					
9080101	NBV30-4(A)	9080102	NBV30-4(E)	80	3"	350	884	889	552	172
9080105	NBV40-4(A)	9080106	NBV40-4(E)	100	4"	350	1101	963	614	210
9080109	NBV60-4(A)	9080110	NBV60-4(E)	150	6"	415	1351	1228	775	287
-	-	9080113	NBV80-4(E)	200	8"	550	1867	1500	1015	376

## 5-Way Butterfly Valve



5 Way Butterfly Valve NBV30-NBV80



5 Way Butterfly Valve NBV30-NBV80

Code	Model	Code	Model	Valve Connection		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
				GB(mm)	ANSI					
9080103	NBV30-5(A)	9080104	NBV30-5(E)	80	3"	350	1395	889	552	172
9080107	NBV40-5(A)	9080108	NBV40-5(E)	100	4"	350	1521	963	614	210
9080111	NBV60-5(A)	9080112	NBV60-5(E)	150	6"	415	2039	1228	775	287
9080115	NBV80-5(A)	9080116	NBV80-5(E)	200	8"	550	2832	1500	1015	376

# Flange Connection

## BOTH FLANGE SET AND ACCESSORIES ARE AVAILABLE

The flange set consists of a flange plate, gasket, and connector only. It does not include any bolts, nuts, or washers. Since installations always vary, it is more applicable to use different bolts depending on the actual applications.



### Flange Connection Set

Code	Model	Size	HG20592	ANSI
40113005	FS-3	3"	PN10	
40113008				B16.5 1988 Class 150
40113004	FS-4	4"	PN10	
40113009				B16.5 1988 Class 150
40113006	FS-6	6"	PN10	
40113010				B16.5 1988 Class 150
40113007	FS-8	8"	PN10	
40113011				B16.5 1988 Class 150

### Accessories for Flange

#### Flange Plate



Code	Size
10109020	3"
10109021	4"
10109022	6"
10109023	8"

#### Flange Gasket



Code	Size
51504170	3"
51504171	4"
51504099	6"
51504103	8"

#### Connector



Code	Size
12435005	3"
12435006	4"
12435007	6"
12435008	8"

Common for both:  
HG20592 PN10 & ANSI B16.5 1988 Class 150

# FLEX Valve Actuator

## AUTOMATION WITH HIGH FLEXIBILITY

Emaux FLEX Valve Actuator is a universal 24-Volt actuator that can work with other manufacturers' automatic controls on 2-way and 3-way valves. Adjustable cam gives high flexibility for accurate positioning. Slim design with corrosion-proof casing. When paired with Emaux FLEX 2-way and 3-way valves, it provides the user with reliable automation over valve control.



FLEX Valve Actuator

### Product Features:

1. Design for reliable control of 2-way and 3-way diverter valves for pool, spa, and water features.
2. Automatic adjustment of water flow.
3. Compatible with most of the pool automatic control systems.

Valve Actuator Material

PC

Voltage

24V AC

Cable Length

6m (18ft)



### Advantages:



### Compatibility

Universal design is compatible with other manufacturers' automatic controls and valves.

### Friendly & Modern design

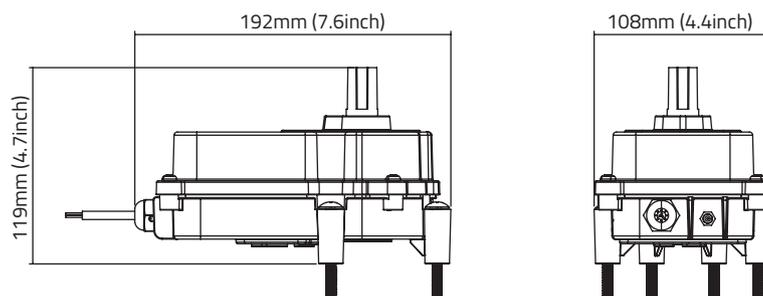
1. Easy to assemble and set up.
2. IPX4 corrosion-proof casing

### Flexibility

1. The cam is adjustable at every 12.8 degrees.
2. Customized water flow control.



### Product Dimensions:



### Product Information:

Code	Model	Voltage	Cycles	Wire	Cable Length
91609013	FLEX -ACT	24V AC	50/60Hz	3-conductor Black (Common) Red (Switch Leg) White (Switch Leg)	6m (18ft)

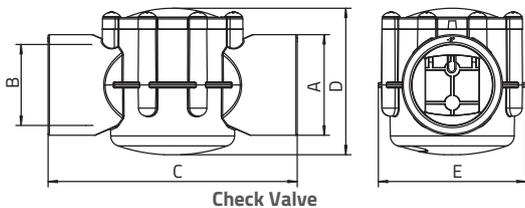
# FLEX Diverter Valve

## REVOLUTIONARY DESIGN FOR PROFESSIONAL USE

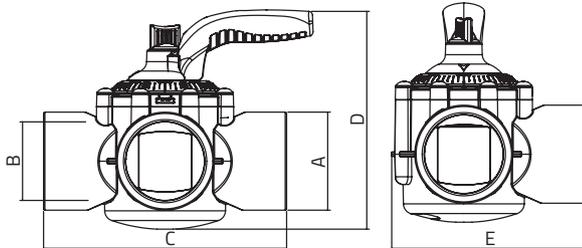
Emaux FLEX diverter valve is a maintenance-free valve with an ergonomic design handle. The PTFE coating gasket gives high reliability and smoothes the turning torque for the valve. A new adjustable dial design offers a simple and flexible inlet selection. The shaft is compatible with actuators made by other manufacturers. When paired with the Emaux FLEX Actuator, it gives the user a reliable automated experience with the valve control.



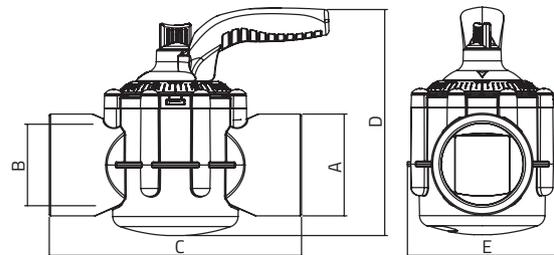
### Product Dimensions:



Check Valve



FLEX Three-Way Valve



FLEX Two-Way Valve

### Advantages:

#### Flexibility and user-friendly

Adjustable dial for instant inlet switching.

#### Compatibility

Shaft is compatible with other manufacturers' actuators.

#### Maintenance-free

PTFE coating gasket:

- Lubricant-free
- Maintenance-free
- Jam-free

#### User experience

Ergonomic design handle promotes comfortable control.

### Three-Way Valve

Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Description
91600106	FLEX40-3(A)	PVC/CPVC	1½" / 2"	Ø60	Ø48	186	168	149	ID 1½" pipe slip in OD 2" coupler
91600108	FLEX50-3(A)	PVC/CPVC	2" / 2½"	Ø75	Ø60	186	168	149	ID 2" pipe slip in OD 2½" coupler
91600105	FLEX40-3(E)	PVC/CPVC	GB50 / GB63	Ø63	Ø50	186	168	149	ID GB50 pipe slip in OD GB63 coupler
91600107	FLEX50-3(E)	PVC/CPVC	GB63 / GB75	Ø75	Ø63	186	168	149	ID GB63 pipe slip in OD GB75 coupler

### Two-Way Valve

Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Description
91600006	FLEX40-2(A)	PVC/CPVC	1½" / 2"	Ø60	Ø48	186	168	110	ID 1½" pipe slip in OD 2" coupler
91600008	FLEX50-2(A)	PVC/CPVC	2" / 2½"	Ø75	Ø60	186	168	110	ID 2" pipe slip in OD 2½" coupler
91600005	FLEX40-2(E)	PVC/CPVC	GB50 / GB63	Ø63	Ø50	186	168	110	ID GB50 pipe slip in OD GB63 coupler
91600007	FLEX50-2(E)	PVC/CPVC	GB63 / GB75	Ø75	Ø63	186	168	110	ID GB63 pipe slip in OD GB75 coupler

### Check Valve

Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Description
91600207	FLEX40-1(A)	PVC/CPVC/PMMA	1½" / 2"	Ø60	Ø48	186	110	110	ID 1½" pipe slip in OD 2" coupler
91600208	FLEX50-1(A)	PVC/CPVC/PMMA	2" / 2½"	Ø75	Ø60	186	110	110	ID 2" pipe slip in OD 2½" coupler
91600205	FLEX40-1(E)	PVC/CPVC/PMMA	GB50 / GB63	Ø63	Ø50	186	110	110	ID GB50 pipe slip in OD GB63 coupler
91600206	FLEX50-1(E)	PVC/CPVC/PMMA	GB63 / GB75	Ø75	Ø63	186	110	110	ID GB63 pipe slip in OD GB75 coupler

# Valve

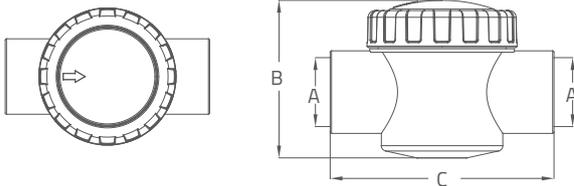
For easier and trouble-free installation

## SUPERIOR QUALITY AND PLUMBING VERSATILITY

By using the best imported materials available and rigorous quality control standard. Emaux valves are made for easier and trouble-free installations. Superior quality and plumbing versatility make Emaux valves the best choice for pool and spa professionals.



### Check Valve

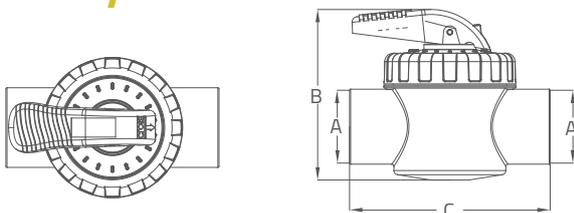


Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)
91600201	V40-1(E)	ABS & PVC	50mm	Ø50	115	164
91600204	V50-1(E)	ABS & PVC	63mm	Ø63	129	190
91600202	V40-1(A)	ABS & PVC	1.5"	Ø48	115	164
91600203	V50-1(A)	ABS & PVC	2"	Ø60	129	190

### Product Features:

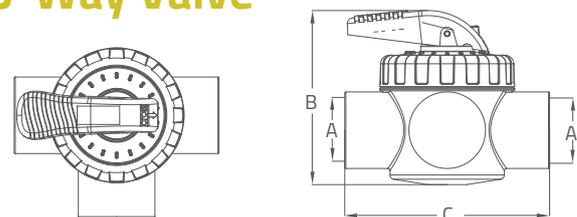
1. Made of durable ABS and PVC
2. Large handle for easy adjustment
3. Extremely reliable and maintenance free
4. Max. 4 bar working pressure
5. Able to withstand extreme chemical and temperature fluctuations
6. For 1.5"/50mm or 2"/63mm PVC pipe

### 2-Way Valve



Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)
91600002	V40-2(E)	ABS & PVC	50mm	Ø50	149	164
91600004	V50-2(E)	ABS & PVC	63mm	Ø63	161	190
91600001	V40-2(A)	ABS & PVC	1.5"	Ø48	149	164
91600003	V50-2(A)	ABS & PVC	2"	Ø60	161	190

### 3-Way Valve



Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)
91600102	V40-3(E)	ABS & PVC	50mm	Ø50	149	164
91600104	V50-3(E)	ABS & PVC	63mm	Ø63	161	190
91600101	V40-3(A)	ABS & PVC	1.5"	Ø48	149	164
91600103	V50-3(A)	ABS & PVC	2"	Ø60	161	190

# Above-Ground Pool Gate Valve

For low pressure pool filtration or aquaculture systems

## EASY TO INSTALL AND OPERATE

This push-pull knife gate valve is designed for low-pressure filtration or aquaculture systems. The compact size permits easy installation and removal making it perfect for small or mid size filtration systems. Two types of piping connections are available for adding into the piping without glue.

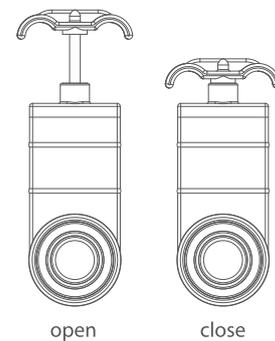
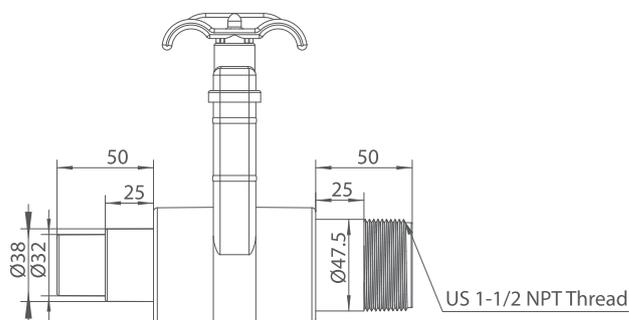


Shown with cartridge filter combo, NanoTech UV disinfection system, and hose connections

### Product Information:

1. PVC with stainless steel shaft
2. Size: 1.5 inch
3. Operation pressure: 2 Bar
4. Connection: 32-38mm hose and 1.5" NPT thread

Code	Model
93002601	OM1888



# Union Set

## Sets and parts for replacement

### With O-ring

40401015



1.5" Union with O-ring

40201096



1.5" Union with O-ring for SPH

40401004



1.5" Union with O-ring

40401003



1.5" Union with sight glass and O-ring

40401040



2" Union with O-ring

40601001



32mm & 38mm Union with O-ring

### Parts

12435010



2" Union Adaptor

12401171



2.5" Nut  
for Connector

12435024



2.5" Union Adaptor

12403022



38mm Connector

12403021

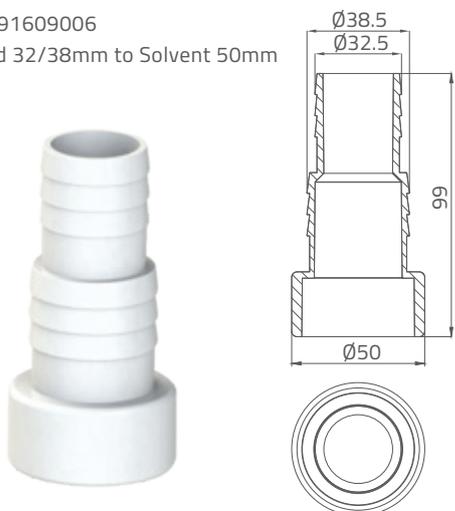


32mm Connector

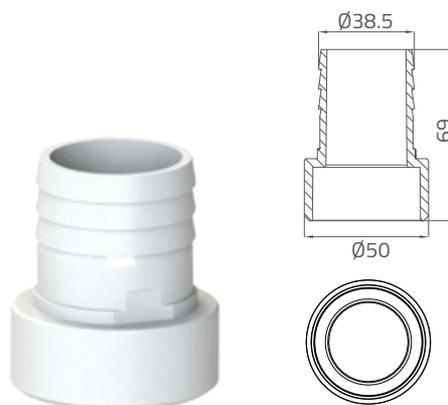
# Hose Tail Connector

Made of ABS with high mechanical resistance

Code: 91609006  
Barbed 32/38mm to Solvent 50mm



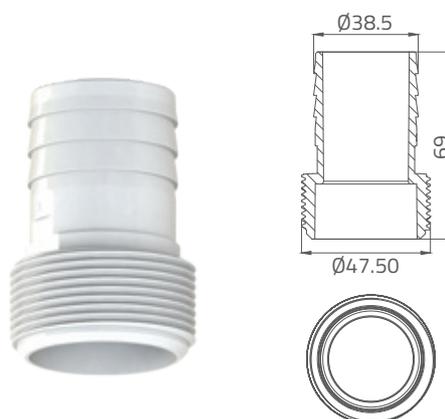
Code: 91609007  
Barbed 38mm to Solvent 50mm



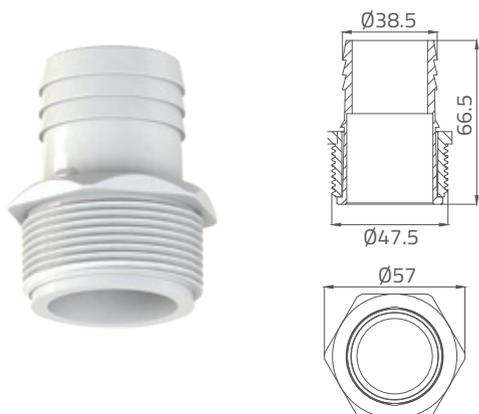
Code: 91609008  
Barbed 32mm to Barbed 32mm



Code: 91609009  
Barbed 38mm to 1-1/2" Male threaded



Code: 91609010  
Barbed 38mm to 1-1/2" Male threaded (with nut)



Code: 91609011  
Barbed 32/38mm to 1-1/2" Male threaded



# Pressure Gauge

## Stainless Steel Oil Pressure Gauge

### Bottom Connection



Code: 51904002 Max: 40psi/275kPa  
Code: 51904003 Max: 60psi/415kPa  
Code: 51904001 Max: 100psi/700kPa

### Bottom Connection (Ø3")



Code: 51904008 Max: 40psi/275kPa  
Code: 51904007 Max: 60psi/415kPa  
Code: 51904006 Max: 100psi/700kPa  
Code: 51904005 Max: 150psi/1034kPa

### Bottom Connection (For Manometer)



Code: 51901001 Max: 40psi/275kPa  
Code: 51901002 Max: 60psi/415kPa  
Code: 51901003 Max: 75psi/525kPa

### Side Connection



Code: 51902001 Max: 40psi/275kPa  
Code: 51902002 Max: 60psi/415kPa

## Indicative Pressure Gauge

### Bottom Connection



Code: 51903005 Max: 60psi/415kPa

### Side Connection



Code: 51905006 Max: 60psi/415kPa

## Manometer



40117002 40117007  
40117012 40117017  
2 inch Pressure Gauges



40117022 40117027 40117032  
40117037 40117042 40117047  
3 inch Pressure Gauges

Code	Gauge Dia.	Range	Filter in/outlet
40117002	2 inch	0 - 40psi	3 inch
40117007	2 inch	0 - 60psi	3 inch
40117012	2 inch	0 - 40psi	4 inch
40117017	2 inch	0 - 60psi	4 inch
40117022	3 inch	0 - 40psi	6 inch
40117027	3 inch	0 - 60psi	6 inch
40117032	3 inch	0 - 40psi	8 inch
40117037	3 inch	0 - 60psi	8 inch
40117042	3 inch	0 - 40psi	10 inch
40117047	3 inch	0 - 60psi	10 inch

## Plastic Pressure Gauge

### Bottom Connection



Code: : 51903001  
Max: 40PSI/275kPa

### Side Connection



Code: : 51905002  
Max: 40PSI/275kPa



# ***PUMPS***

# E-Power Variable Speed Pump

For large residential pools and water features

## SAVES UP TO 85% ON ENERGY CONSUMPTION

Our E-Power Variable speed pump is a variable speed pump with high efficiency, low energy consumption, and quiet operation in mind. This pump is programmed with four different speed settings, each setting can be customized by the owner to operate their pump at the ideal RPM. One advantage of lowering the RPM is allowing the owner to circulate their pool with minimal energy consumption during the off-season. Furthermore, lowering the RPM also reduces stress for the connected filter and sanitation system, resulting in a significant saving for the pool owner.

# E-POWER



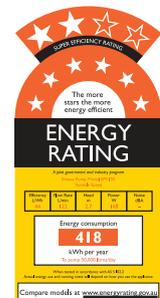
Model : EPV150



## Energy Saving

Emaux E-Power Variable Speed Pump reduces the energy use of your pool, spa, and water features. Thanks to its higher efficiency, it eliminates over-usage and reduces equipment maintenance costs.

The energy saving is achieved by programming the pump to reach the ideal flow rate schedule. As the pump speed is reduced, the water flow drops. A 50% reduction in speed cuts the flow rate by half, but at the same time reduces the power consumption by up to 85%.



## Product Features:

1. Permanent Magnet Motor (PMM)
2. Totally Enclosed Fan Cooled (TEFC)
3. 5L Strainer Basket
4. 316 Stainless Steel Shaft
5. 316 Stainless Steel Mechanical Seal
6. 2"/2.5" Union Connection
7. IPX5 Waterproof

### User-Friendly Controller

Emaux E-Power Variable Speed Pump maximizes the efficiency of your pool filtration system with the aid of a one-touch controller. The presettable direct speed controller enables pool owners to manage their usage with the press of a single button to schedule their water treatment system with peace of mind.



## New Connectivity and External Smart Control

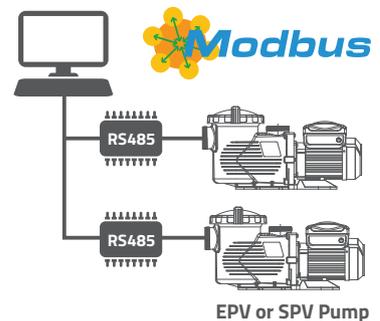
### DOWNLOAD THE APP

### SMART LIFE



### IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.



### EMAUX PUMP



### Multi-device connection:

The multi-device connection version allows multiple phones and devices to connect locally, enabling control and monitoring without requiring internet access.



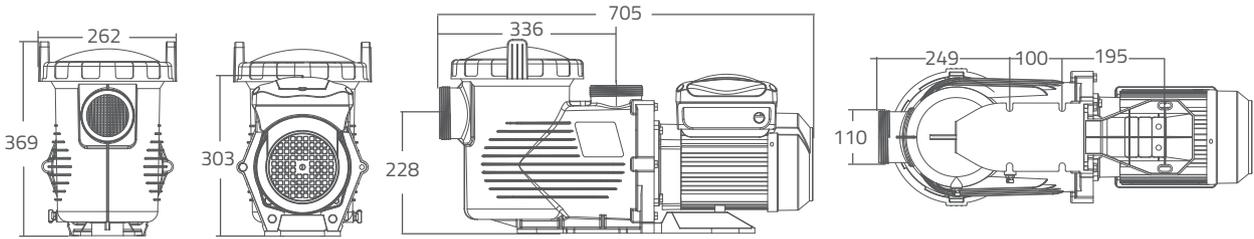
Code	Description
40201031	3C 22AWG 7.62M 4PIN RS485 Modbus Harness Cable

## Super Quiet Operation

With the advanced hydraulic design, water moves much more efficiently, and the operation is whisper quiet with the E-Power Variable Speed Pump operating at lower speeds. Permanent Magnet Motor technology eliminates excessive motor noise. E-Power Variable Speed Pump satisfies the most discerning user.



## Product Dimensions (unit: mm)



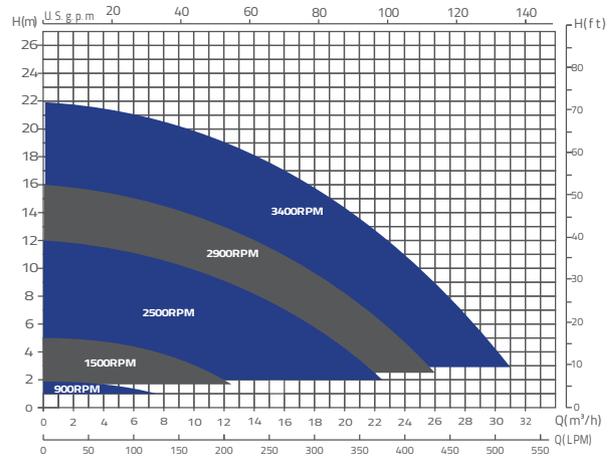
Code (220V-240V 50/60Hz)	Model	Connection Size	Max. Input Power (kW)	Horsepower (hp)	Weight (kg)
9021605	EPV150-RS485	2.0" / 63mm, 2.5" / 75mm	1.50	1.50	23
9021606	EPV200-RS485	2.0" / 63mm, 2.5" / 75mm	1.80	2.00	24
9021607	EPV300-RS485	2.0" / 63mm, 2.5" / 75mm	2.20	3.00	25
9021611	EPV150-WIFI+RS485	2.0" / 63mm, 2.5" / 75mm	1.50	1.50	23
9021612	EPV200-WIFI+RS485	2.0" / 63mm, 2.5" / 75mm	1.80	2.00	24
9021613	EPV300-WIFI+RS485	2.0" / 63mm, 2.5" / 75mm	2.20	3.00	25

## Performance Data

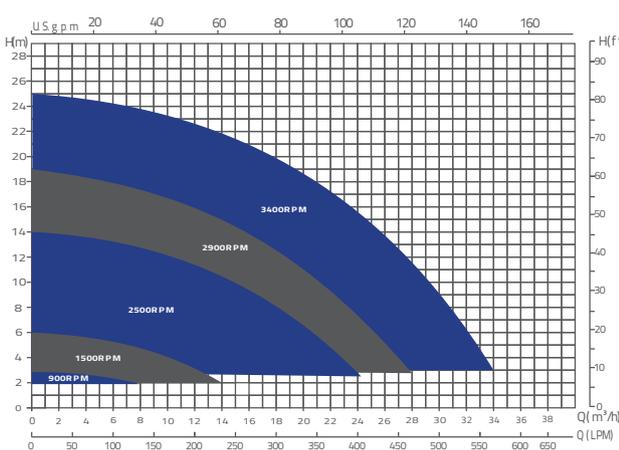
Model: EPV150

Speed (RPM)	Flow (LPM)	Efficiency (Liter/Watt)	Flow (GPM)	Efficiency (Gallon/Watt)	Power (Watt)
900	101	121	27	32	50
1500	207	95	55	25	130
2500	368	44	97	12	505
2900	417	29	110	8	850
3400	509	26	135	7	1190

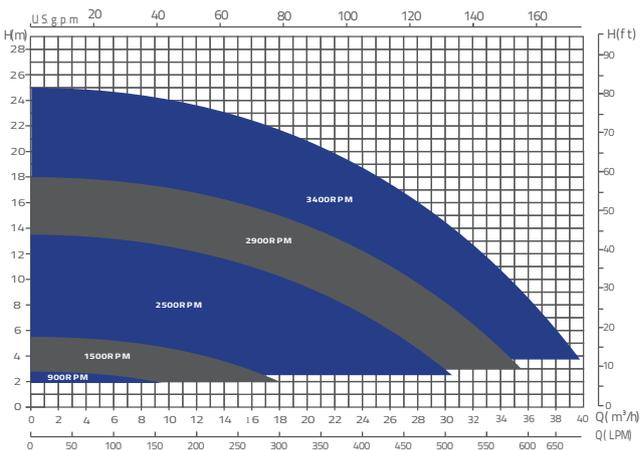
EPV150 230V-50Hz/60Hz



EPV200 230V-50Hz/60Hz



EPV300 230V-50Hz/60Hz



# E-Power Pump

For residential and semi-commercial pools

## A HIGH-PERFORMING SELF-PRIMING PUMP

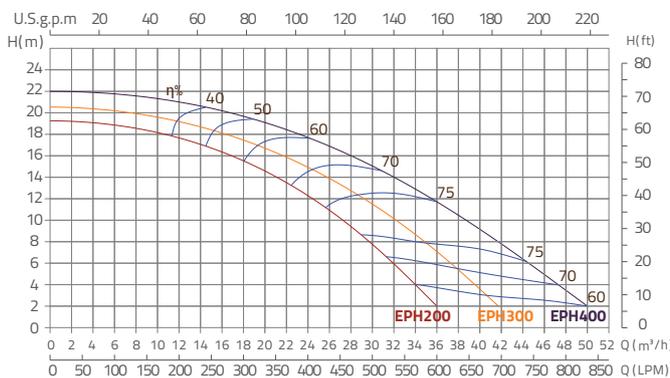
Ring lock seal design eliminates suction leaks and maximize suction efficiency.



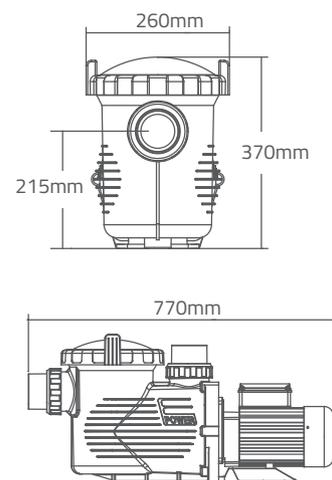
### Product Features:

1. Asynchronous, Two poles motor
2. Motor Insulation Class B
3. IPX5 Waterproof
4. Built-in thermal protection
5. Overload protection
6. Available in 50Hz or 60Hz with 230V/400V
7. Special design union compatible for both imperial and metric standard
8. Imperial and Metric measurement standard
9. 316 Stainless steel shaft
10. 316 Stainless steel mechanical seal
11. Self-Priming up to 2.5m above water level
12. Testing pressure 50 psi (3.5 Bar)
13. Basket Volume 5 litres

### Technical Information



### Product Dimensions



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
EPH200	1.8	8.2	68	32	30	27	24	21	17
EPH300	2.2	10.0	69	37	35	32	29	26	22
EPH400	2.8	12.5	71	45	42	39	36	32	28

Code 230V/50Hz	Code 230V/60Hz	Code 400V/50Hz*	Model	Connection Size	Horsepower	Weight (kg)
9021501	9021502	9021503	EPH200	2" / 63mm 2.5" / 75mm	2.0hp	23.0
9021504	9021505	9021506	EPH300	2" / 63mm 2.5" / 75mm	3.0hp	24.0
9021507	9021508	9021509	EPH400	2" / 63mm 2.5" / 75mm	4.0hp	25.0

\*Three phase

# Super-Power Variable Speed Pump

For residential pools and water features

## ULTRA ENERGY EFFICIENCY

Emaux Super-Power Variable Speed Pump reduces the energy use of your pool, spa, and water features. Thanks to its higher efficiency, it eliminates over-usage and reduces equipment maintenance costs. Compared to the Emaux Super-Power Variable speed pump, traditional single-speed pumps run continuously and inefficiently at maximum load incurring high running costs. Reduced speed provides slower water circulation rates and puts less strain on the complete installation such as filter, sanitization, and plumbing. It reduces the wear-and-tear factor ending in significant savings for the pool owner.

### **SUPERPOWER**



Model: SPV150



### Motor Advantages

Emaux Super-Power Variable Speed Pump uses the latest Permanent Magnet Motor (PMM) technology, which produces a magnetic field between the rotor and windings. The energy-saving is derived from the ability to reduce the RPM of the motor itself. A standard motor consumes electricity to induce the magnetic field into the rotor. On the other hand, a permanent magnet motor gains efficiency by the magnets working on spinning the rotor, achieving an energy cost saving of up to 80%.

The design of (Totally Enclosed Fan Cooled) TEFC Motor also increases the reliability and durability for use in all weather conditions. The AISI316 stainless steel motor shaft and shaft seal also ensure reliability and compatibility with saltwater pools.



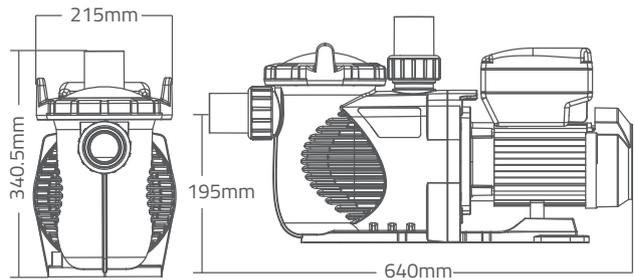
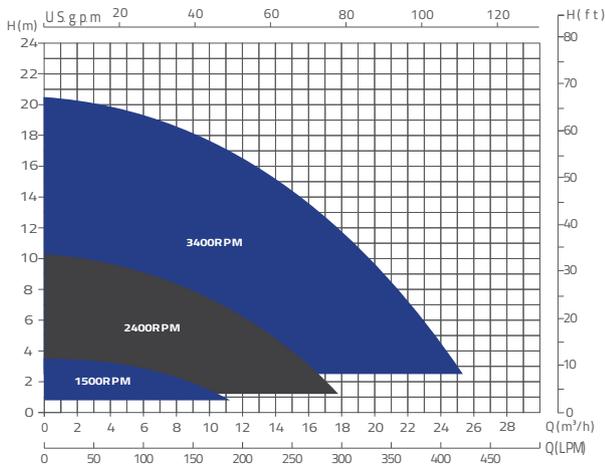
### With Advanced Menu

One touch controller - total control at your finger tips. Pre-set speed programs and schedules, offer the most efficient pool, spa, or any connected water feature.

## Product Features:

1. Permanent Magnet Motor (PMM), Totally Enclosed Fan Cooled (TEFC)
2. Pump casing ABS + glass fiber, Impeller PPO, Strainer basket and base in PP + Glass fiber
3. Motor shaft - S.S.316, Seals bellows - EPDM, stationary face - SIC, rotating face - Graphite, Spring - S.S.316
4. Super quiet operation when running at low RPM mode (55dB@1400 RPM)
5. Designed and constructed to maximize the pump's hydraulic performance
6. IPX5 Waterproof

## Technical Information SPV150 220-240V-50Hz/60Hz



Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9023302	SPV150-RS485	220-240V,50Hz/60Hz	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	18.5Kg	1.3kW	1.5hp	800-3400
9023303	SPV150-WIFI+RS485	220-240V, 50Hz/60Hz	1.5"ID / 50mm ID, 2.0" OD / 63mm OD	18.5Kg	1.3kW	1.5hp	800-3400

## New Connectivity and External Smart Control

### DOWNLOAD THE APP

#### SMART LIFE

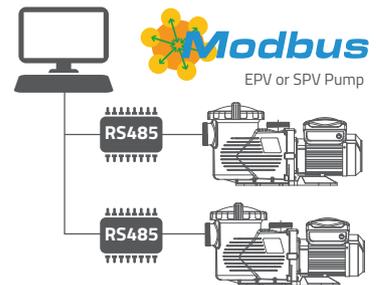


#### IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.

#### Multi-device connection:

The multi-device connection version allows multiple phones and devices to connect locally, enabling control and monitoring without requiring internet access.



Code	Description
40201031	3C 22AWG 7.62M 4PIN RS485 Modbus Harness Cable

# Super-Power Variable Speed Pump

For residential pools and spa

## PRODUCTIVE AND DEPENDABLE

The Emaux New SuperPower Variable-Speed Pump features an innovative pump body design paired with a high-performance motor has a high efficiency of up to 86% surpassing industry standards, providing a more efficient and reliable solution for pools and spas. Its noise reduction design and optimizes water flow that delivering for enhanced performance. The New SuperPower Variable-Speed Pump is engineered for easy, hassle-free installation, streamlining the process and saving you time and effort. The new base design makes it ideal for retrofitting into existing pool systems, offering a convenient upgrade option for pool owners.

***SUPERPOWER***



### User-Friendly Smart Control Panel



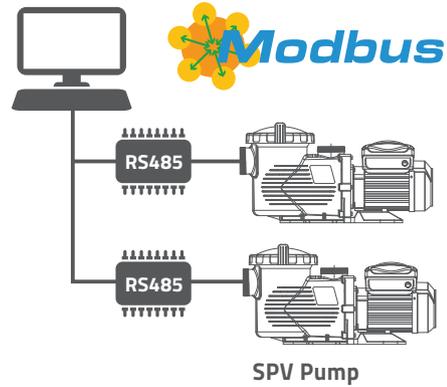
## New Connectivity and External Smart Control

### DOWNLOAD THE APP SMART LIFE

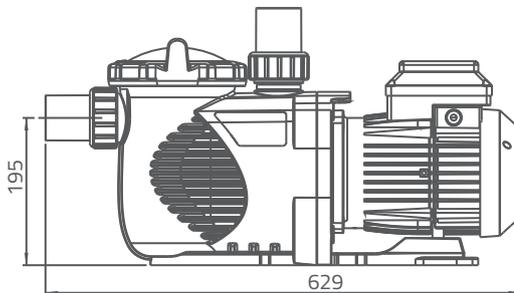
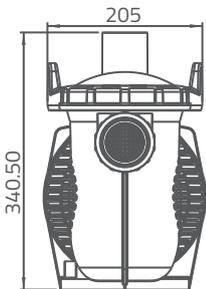


#### IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.



## Product Dimensions

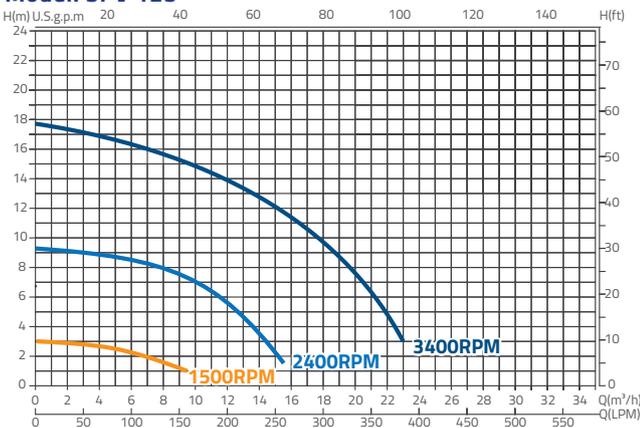


## Product Features:

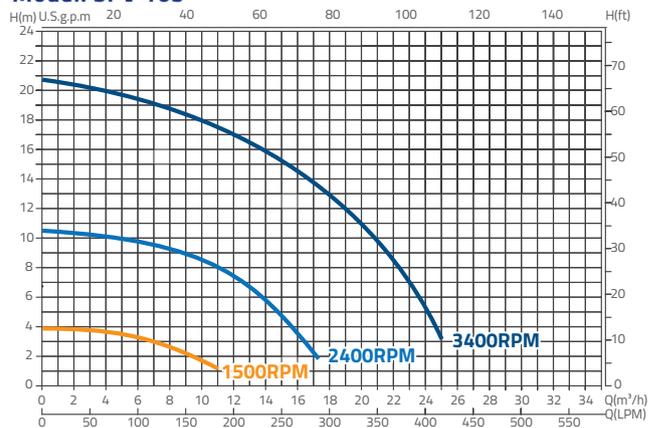
- Class insulation Class F
- IPX5 Waterproof Standard
- Basket volume 2L
- Self Priming up to 3.3m above water level
- Feasible union design for both imperial and metric standard

## Technical Information

### Model: SPV 125



### Model: SPV 165



Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9023308	SPV 125	110V-240V, 50Hz/60Hz	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	18 Kg	1.1 kW	1.25 hp	800-3400
9023309	SPV 165	110V-240V, 50Hz/60Hz	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	18 Kg	1.5 kW	1.65 hp	800-3400

# Super-Power Pump

For residential pools and spas

## ENGINEERED AND BUILT FOR POOL PROFESSIONALS

Known for its reputation for innovation and based on market feedback, Emaux has developed the SPH Series by answering a call from pool professionals for a reliable, economical pump for new installations and retrofits.

### **SUPERPOWER**



Model : SPH 2-Speed pump

Model : SPH pump



### Product Features:

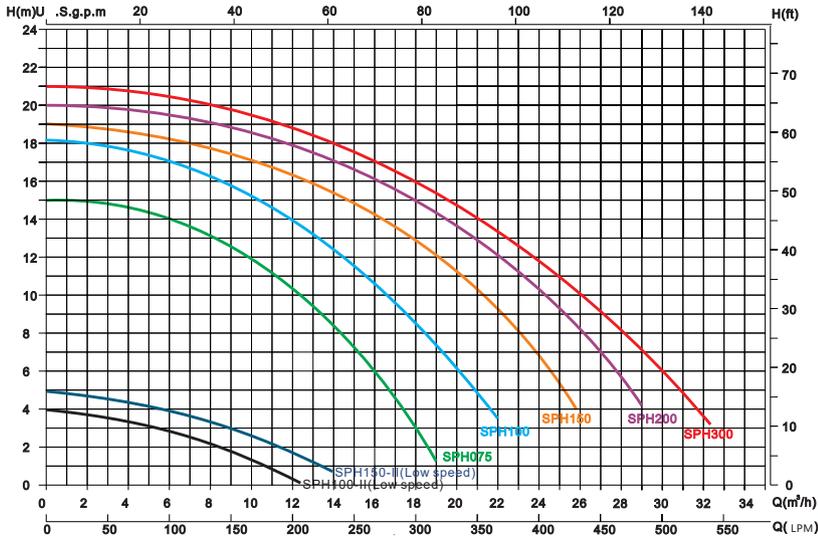
1. Direct replacement for other model pumps
2. Asynchronous, two poles motor
3. Motor Insulation Class F
4. Thermal and over current protection
5. Pump casing ABS + glass fiber, Impeller PPO, Strainer basket and base in PP + glass fiber
6. Motor shaft - S.S.316, Seals bellows - EPDM, stationary face - SIC, rotating face - Graphite, Spring - S.S.316
7. Self-Priming up to 3.3m above water level
8. Testing pressure 50 psi (3.5 Bar)
9. Basket Volume 2 litres
10. IPX5 Waterproof

## 2-Speed Pump

Super Power 2-speed pump represents a breakthrough in pool pump technology. The user is able to select either HIGH speed (2850rpm) or LOW speed (1450rpm) on the pump's control pad. The LOW speed feature offers low energy consumption, low noise level, and a longer lifespan of the product.

- 2-speed models: Dual capacitors motor start wiring
- Handy control pad to select High or Low speed.

## Technical Information



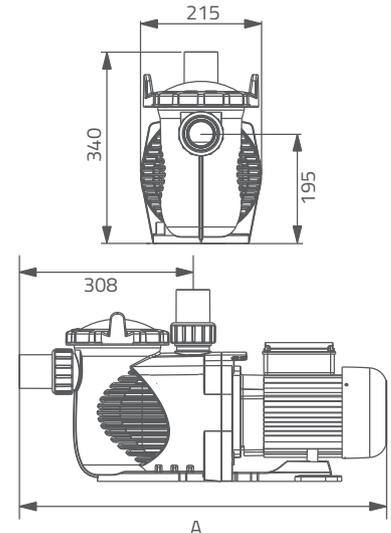
Remark: The performance curve above is for 50Hz models.

Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
SPH075	0.75	3.5	65	16	14.2	12.2	10	6	--
SPH100	1.10	5	65	20	18.5	16.5	14.5	12	8.5
SPH150	1.50	6.8	67	24.5	23	21.2	19	16.2	13
SPH200	1.80	8.2	67	27.8	26	24.2	22	19.5	16
SPH300	2.20	10	68	30	28.5	26	23.8	21	18
SPH100-II (High Speed)	1.10	5	65	19.5	17.5	15.2	12.5	9	3
SPH100-II (Low Speed)	0.3	1.3	52	--	--	--	--	--	--
SPH150-II (High Speed)	1.50	6.8	65	24	22	19.9	17.5	14	10
SPH150-II (Low Speed)	0.35	1.5	52	--	--	--	--	--	--

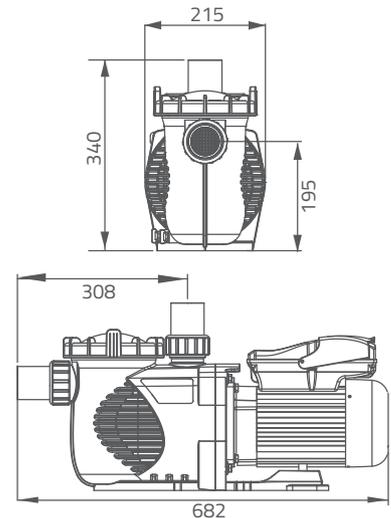
Code 230V/50Hz	Code 230V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	A (mm)
9023201	9023206	SPH075	1.5"(50mm)ID / 2"(63mm)OD	0.75hp	13.6	20µF	652
9023202	9023207	SPH100	1.5"(50mm)ID / 2"(63mm)OD	1.0hp	13.8	25µF	652
9023203	9023208	SPH150	1.5"(50mm)ID / 2"(63mm)OD	1.5hp	14.0	25µF	652
9023204	9023209	SPH200	1.5"(50mm)ID / 2"(63mm)OD	2.0hp	14.2	30µF	652
9023205	9023210	SPH300	1.5"(50mm)ID / 2"(63mm)OD	3.0hp	14.5	35µF	682
9023212	9023224	SPH100-II*	1.5"(50mm)ID / 2"(63mm)OD	1.0hp	14.7	30µF/16µF	682
9023213	9023225	SPH150-II*	1.5"(50mm)ID / 2"(63mm)OD	1.5hp	15.0	30µF/16µF	682

\*2-speed models

## Product Dimensions



Model : SPH Pump



Model : SPH 2-Speed Pump

# E-Turbo Variable Speed Pump

For residential pool and water features

## INNOVATIVE AND HIGH PERFORMANCE

The Emaux E-Turbo variable speed pump is a cutting-edge product that combines efficiency and reliability. It features a unique back cover design that reduces noise, increases durability and prevents electric shocks. It also has a superior cooling system that extends the life of the pump and ensures optimal performance in challenging conditions. The removable panel offers easy installation and access to controls, making maintenance and adjustments simple and convenient. The membrane keypad has large keys that are easy to find and press accurately.



Model : ETV125



### Optional Accessories

Code 4201210356

### Retro-Fit Replacement

Precise alignment with plumbing position, making it easy to replace *Astralpool SENA*.

*With Adjustable base: ESPA Silen & Astralpool Victoria Plus.*



## Motor Advantages

The PMSM motor has an integrated PCB design, reducing the motor size by 20%. This allows the pump to achieve a streamlined and concise design. The motor has a high efficiency of up to 86%, surpassing industry standards. The rotor is specially designed (Patent) and processed to not only improve the reliability, but also enhance its stability, ensuring quiet and smooth operation.



## Detachable Smart Control Panel

- LCD with backlight offers good visibility even in low-light conditions.
- Simple and clear indication on the screen.
- User- friendly interface.
- Large key membrane provides good tic tac feeling, easy to press.

## Detachable panel allow wall mounting



## Robust Structure Design:

Resistant to suction pressure and damage. It is made of durable materials that can handle the tough chemicals and water conditions that are common in pool systems, delivering consistent and reliable performance for a long time.

## Basket:

Enlarged 3-Litre Strainer

## Close Bottom Basket:

The enclosed bottom basket allows to capture of small heavy waste which condenses at the bottom.



## Special Hole Design:

Ensures optimal water flow and debris filtration. The holes are uniformly sized at 3mm, which allows water to pass through smoothly while trapping larger debris.

## Bonus filter bag:

Protect the pump with a bonus nylon filter bag. This accessory can catch hair, fine leaves and other small debris that could damage the impellor. By using the filter bag, you can extend the lifespan of your pump and keep it running smoothly.

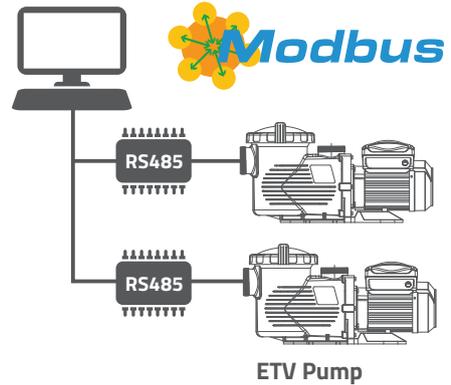
## New Connectivity and External Smart Control

### DOWNLOAD THE APP SMART LIFE

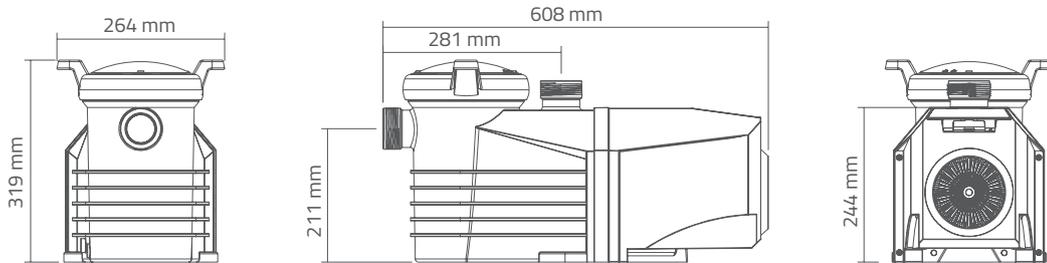


#### IoT Connection:

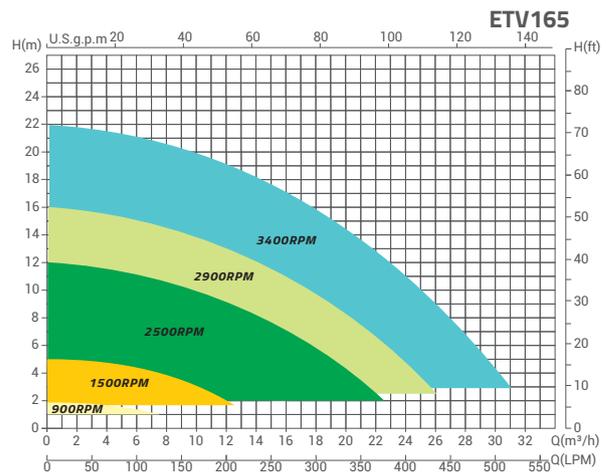
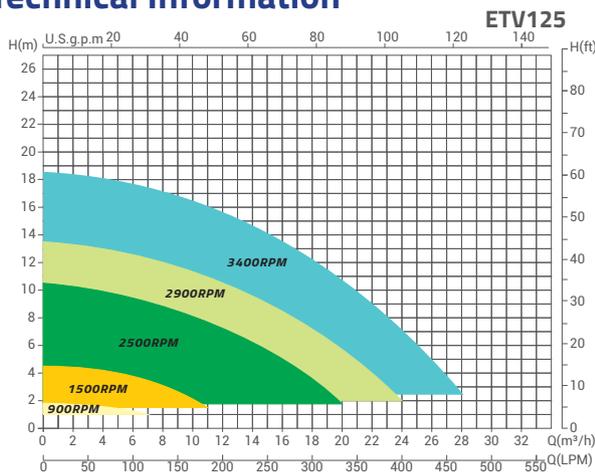
An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.



## Product Dimensions



## Technical Information



#### Model: ETV125

RPM	900 RPM	1500 RPM	2500 RPM	2900 RPM
Power Input (w)	40	110	410	610
Current (amp)	0.3	0.5	0.8	2.6
Flow Rate (m <sup>3</sup> / h)	4.9	11.2	19.8	23.1
Flow Rate (LPM)	81.66	186.6	330.5	385.8
Efficiency (Liters per watt)	122.5	101.8	48.3	37.9

#### Model: ETV165

RPM	900 RPM	1500 RPM	2500 RPM	2900 RPM
Power Input (w)	50	130	505	850
Current (amp)	0.3	0.6	2.2	3.8
Flow Rate (m <sup>3</sup> / h)	6	12.4	22	25
Flow Rate (LPM)	101.1	206.6	367.5	416.6
Efficiency (Liters per watt)	121.4	95.3	43.6	29.4

Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9020401	ETV125	115 / 230 V, 50 / 60 Hz	1.5" ID / 50 mm ID, 2.0" OD / 63 mm OD	17.6 Kg	1.1 kW	1.25 hp	800-3400
9020402	ETV165	115 / 230 V, 50 / 60 Hz	1.5" ID / 50 mm ID, 2.0" OD / 63 mm OD	17.6 Kg	1.5 kW	1.65 hp	800-3400

# E-Turbo Pro Variable Speed Pump NEW

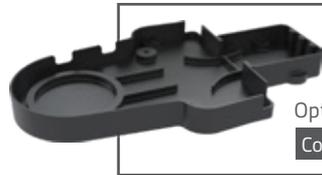
For residential pool and water features

## **E-TURBO** PUMP **PRO** Variable Speed Pump

The Emaux E-Turbo PRO variable speed pump is a cutting-edge product that combines efficiency and reliability. Its optimized 2-inch suction maximize water flow and significantly reduce energy consumption. It features a unique back cover design that reduces noise, increases durability and prevents electric shocks.



**2" connection**

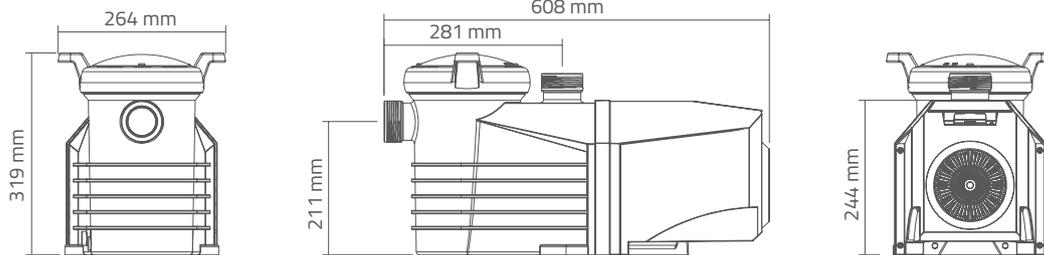


Optional Accessories  
Code 4201210356

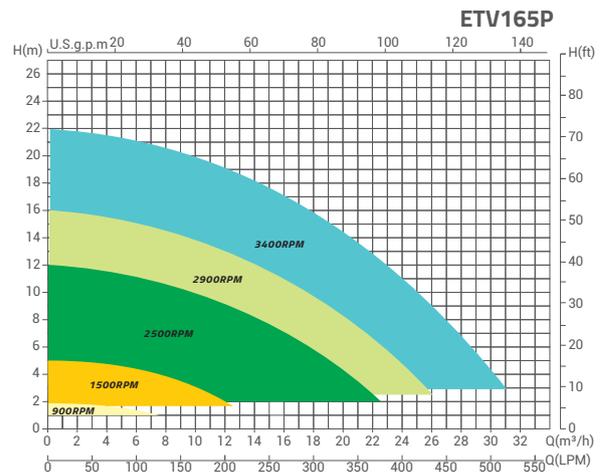
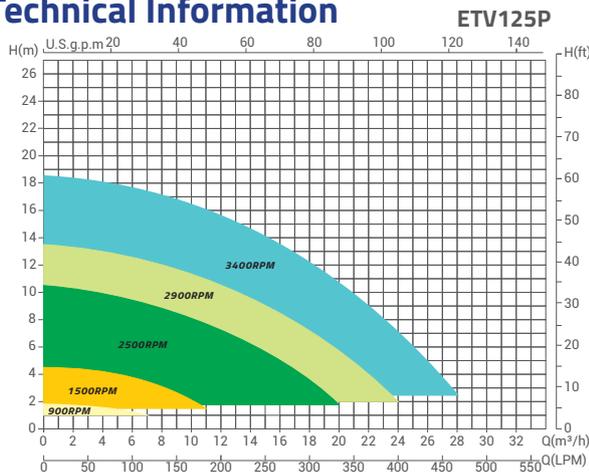
**Retro-Fit Replacement Adjustable Base**



### Product Dimensions



### Technical Information



**Model: ETV125P**

RPM	900 RPM	1500 RPM	2500 RPM	2900 RPM
Power Input (w)	40	110	410	610
Current (amp)	0.3	0.5	0.8	2.6
Flow Rate (m <sup>3</sup> / h)	4.9	11.2	19.8	23.1
Flow Rate (LPM)	81.66	186.6	330.5	385.8
Efficiency (Liters per watt)	122.5	101.8	48.3	37.9

**Model: ETV165P**

RPM	900 RPM	1500 RPM	2500 RPM	2900 RPM
Power Input (w)	50	130	505	850
Current (amp)	0.3	0.6	2.2	3.8
Flow Rate (m <sup>3</sup> / h)	6	12.4	22	25
Flow Rate (LPM)	101.1	206.6	367.5	416.6
Efficiency (Liters per watt)	121.4	95.3	43.6	29.4

Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9020403	ETV125P	115 / 230 V, 50 / 60 Hz	1.5" 50mm 2" / 63mm	17.6 Kg	1.1 kW	1.25 hp	800-3400
9020404	ETV165P	115 / 230 V, 50 / 60 Hz	1.5" 50mm 2" / 63mm	17.6 Kg	1.5 kW	1.65 hp	800-3400

# E-Turbo Pump

For residential pools and spas

## EFFICIENT AND RELIABLE



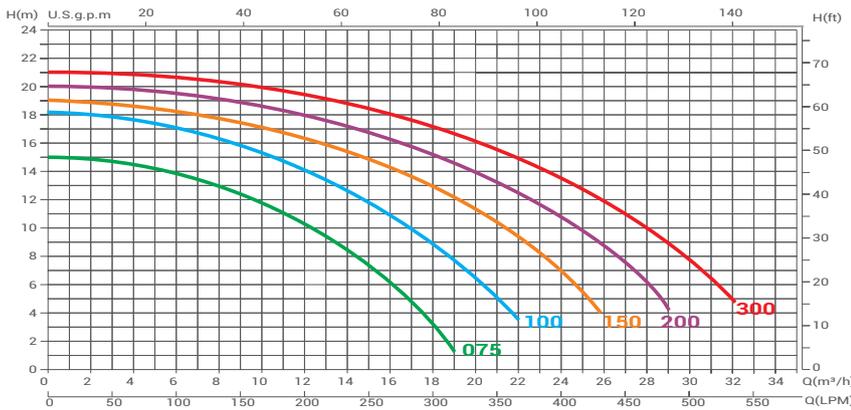
Emaux new E-Turbo single-speed pump combination of new pump body design and Emaux high performance motor, offer a more efficient and reliable solution for pool and spa. Noise reduction design and optimize water flow that delivering optimal performance. Emaux E-Turbo single-speed pump is designed for easy and hassle-free installation. This ensures a smooth and efficient installation process, saving time and effort. New design base to make the pump suitable for retrofitting into existing pool systems, providing an upgrade option for pool owners.

### Product Features:

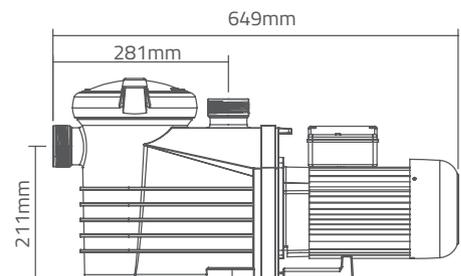
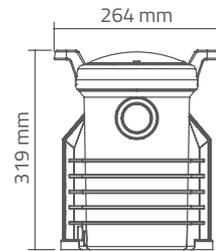
1. Direct replacement for other model pumps
2. Motor Insulation Class F
3. Thermal or over current protection
4. IPX5 Waterproof
5. Asynchronous, two poles motor
5. Self Priming up to 3.5 m above water level
6. Feasible union design for both imperial and metric standard
7. Basket volume 3 L



### Technical Information



### Product Dimensions



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
ET075	0.75	3.5	63	16	14.4	12.4	9.5	5.5	--
ET100	1.10	5	64	20.2	19.8	16.8	14.8	12	8.5
ET150	1.50	6.8	65	24.5	23.2	21.5	19.2	16.5	12.5
ET200	1.80	8.2	65	28	26.6	25	22.5	20	16.5
ET300	2.20	10	67	31.2	29.8	28	25.8	23.2	20

Code (230V 50H)	Code (230V 60H)	Model	Connection size	Horsepower	Weight	Input Power	Capacitance
9022401	9022406	ET075	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	0.75 hp	14.5 Kg	0.75 kW	20 µF
9022402	9022407	ET100	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	1.0 hp	14.5 Kg	1.1 kW	25 µF
9022403	9022408	ET150	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	1.5 hp	15 kg	1.5 kW	25 µF
9022404	9022409	ET200	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	2.0 hp	15.2 kg	1.8 kW	30 µF
9022405	9022410	ET300	1.5" ID / 50mm ID, 2.0" OD / 63mm OD	3.0 hp	15.7 kg	2.2 kW	35 µF

# E-Turbo Pro Pump NEW

For residential pools and spas

## EFFICIENT AND RELIABLE



The new Emaux E-Turbo PRO single-speed pump combines an innovative hydraulic design with a high-performance motor to deliver a superior efficiency and reliability solution for pools and spas. Its optimized 2-inch suction maximizes water flow and significantly reduce energy consumption. Featuring advanced noise reduction technology, the pump operates quietly while delivering powerful, hydraulically balanced performance. Designed for effortless integration, the E-Turbo PRO allows for simple, hassle-free installation and is engineered with a universal base for easy retrofitting into existing systems, providing a straightforward upgrade for any pool owner.



2" connection



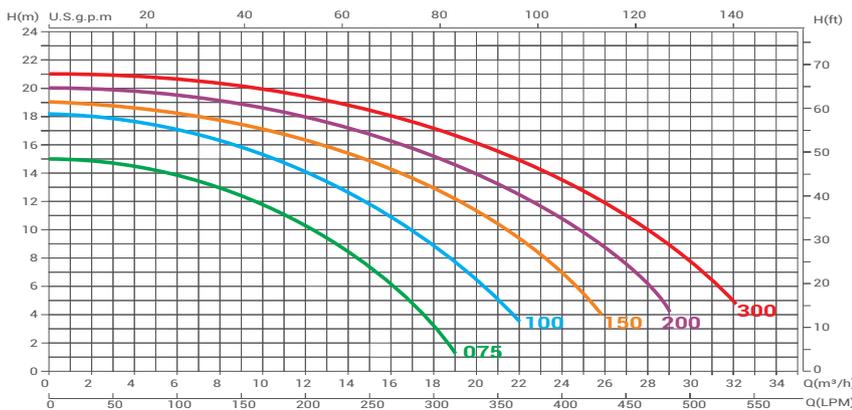
Optional Accessories  
Code 4201210356

Retro-Fit Replacement Adjustable Base



SAA

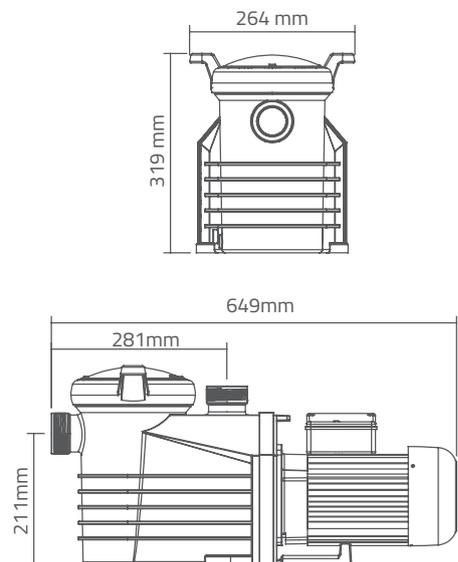
### Technical Information



Remark: The performance curve above is for 50Hz models.

Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
ET075P	0.75	3.5	63	16	14.4	12.4	9.5	5.5	--
ET100P	1.10	5	64	20.2	19.8	16.8	14.8	12	8.5
ET150P	1.50	6.8	65	24.5	23.2	21.5	19.2	16.5	12.5
ET200P	1.80	8.2	65	28	26.6	25	22.5	20	16.5
ET300P	2.20	10	67	31.2	29.8	28	25.8	23.2	20

### Product Dimensions



Code (230V 50H)	Model	Connection size	Horsepower	Weight	Input Power	Capacitance
9022411	ET075P	1.5" / 50mm, 2.0" / 63mm	0.75 hp	14.5 Kg	0.75 kW	20 µF
9022412	ET100P	1.5" / 50mm, 2.0" / 63mm	1.0 hp	14.5 Kg	1.1 kW	25 µF
9022413	ET150P	1.5" / 50mm, 2.0" / 63mm	1.5 hp	15 kg	1.5 kW	25 µF
9022414	ET200P	1.5" / 50mm, 2.0" / 63mm	2.0 hp	15.2 kg	1.8 kW	30 µF
9022415	ET300P	1.5" / 50mm, 2.0" / 63mm	3.0 hp	15.7 kg	2.2 kW	35 µF

# EcoWave Variable Speed Pump

NEW

For residential pools and spas

## 86% EFFICIENT. EFFORTLESS TO RUN

Emaux EcoWave variable speed pumps revolutionize pool operation: Slash energy costs, achieve superior efficiency (up to 86%), and exceed standards. Through an innovative pump body design providing enhanced self-priming, paired with a high-performance motor, easily installed for a user-friendly experience. Simplify maintenance while gaining optimized flow, proven reliability, and significant savings—ideal for both new builds and existing pools & spas.

**EcoWave**  
Variable Speed PUMP



### Special Design for EcoWave Variable Speed Pump



Precise alignment with plumbing position, making it easy to replace the Kripsol Koral KSE



User-Friendly smart control panel



Enhanced self-priming through an innovative pump body design

## Product Features:

1. Self-priming up to 3.3m above water level
2. Feasible union design for both imperial and metric standard
3. Robust suction-resistant filter basket with specially designed filter holes
4. Direct replacement for other model pumps
5. Class insulation Class F
6. Thermal or over current protection
7. IPX5 Waterproof Standard
8. Basket volume 3L

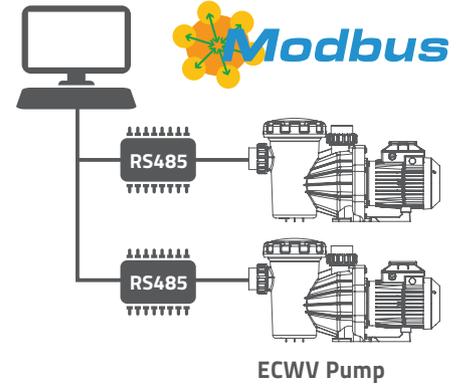
## New Connectivity and External Smart Control

### DOWNLOAD THE APP SMART LIFE

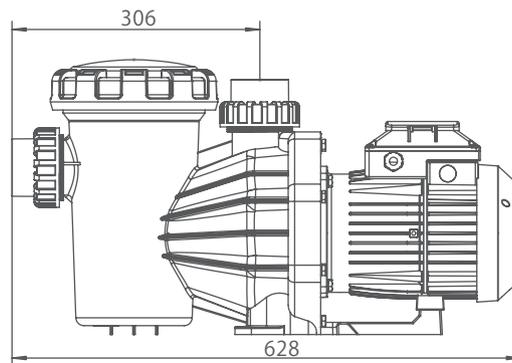
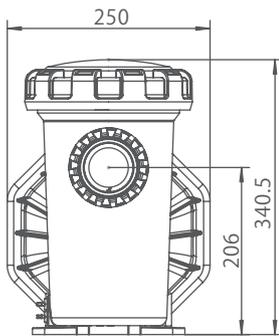


#### IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.

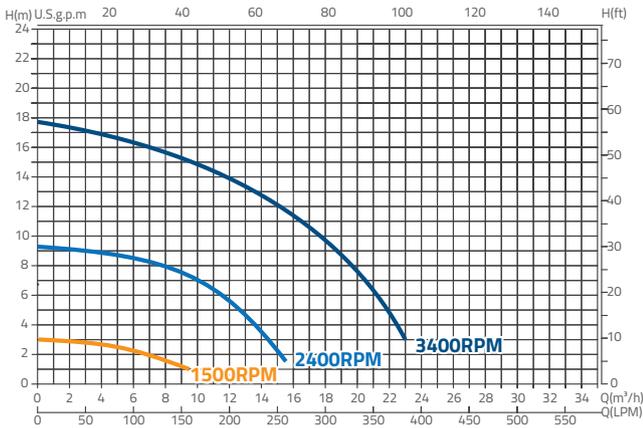


## Technical Dimensions

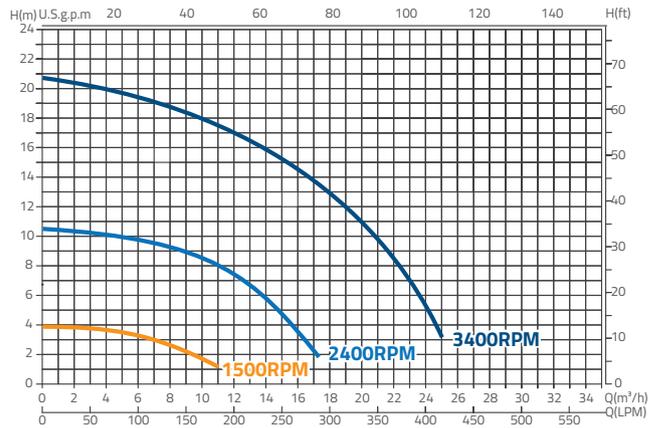


## Technical Information

**Model: ECWV125**



**Model: ECWV165**



Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9025101	ECWV125	110V-240V, 50Hz/60Hz	1.5" / 50mm, 2.0" / 63mm	18 Kg	1.1 kW	1.25 hp	800-3400
9025102	ECWV165	110V-240V, 50Hz/60Hz	1.5" / 50mm, 2.0" / 63mm	18 Kg	1.5 kW	1.65 hp	800-3400

# EcoWave Single Speed Pump



For residential pools and spas

## EcoWave PUMP

### INNOVATIVE AND DEPENDABLE

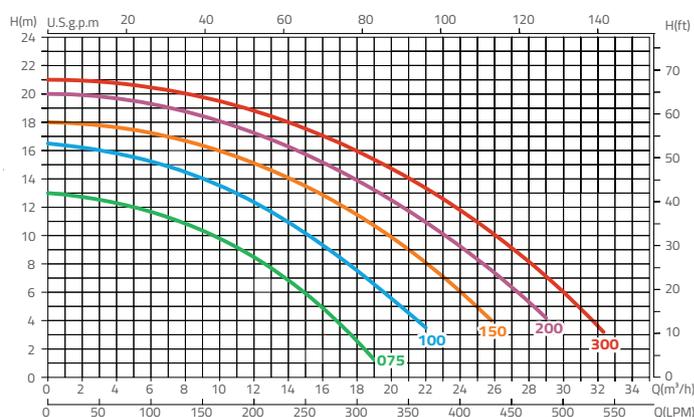
The Emaux EcoWave Single-Speed Pump combines an innovative pump body design with Emaux's high-performance motor to deliver a more efficient and reliable solution for pools and spas. The pump housing is crafted from high-strength plastic, resistant to both high and low temperatures, ensuring long-lasting durability. Enhanced noise reduction features and optimized hydrodynamics work together to maximize performance while minimizing operational disruptions. Its adaptable design enables seamless retrofitting into existing pool systems, offering a cost-effective upgrade path for pool owners seeking modern performance without the need for a complete infrastructure overhaul.



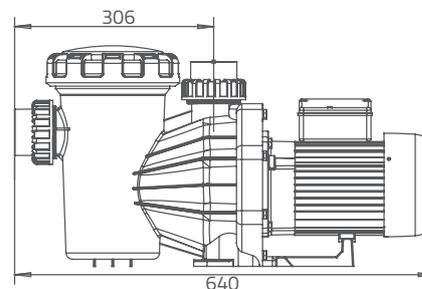
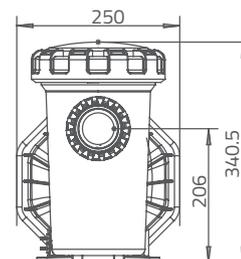
### Product Features:

1. Self-priming up to 3.5m above water level
2. Feasible union design for both imperial and metric standard
3. Basket volume 3L
4. Robust suction-resistant filter basket with specially designed filter holes
5. Direct replacement for other model pumps
6. Class insulation Class F
7. Thermal or over current protection
8. IPX5 Waterproof Standard
9. Asynchronous, two-pole motor
10. Precise alignment with plumbing position, making it easy to replace the Kripsol Koral KSE

### Technical Information



### Product Dimensions



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
ECW075	0.75kW	3.5	65	16	14.2	12.2	10	6	--
ECW100	1.1kW	5	65	20	18.5	18.5	14.5	12	8.5
ECW150	1.5kW	6.8	67	24.5	23	23	19	16.2	13
ECW200	1.8kW	8.2	67	27.8	26	26	22	19.5	16
ECW300	2.2kW	10	68	30	28.5	28.5	23.8	21	18

Code	Model	Power	Connection size	Horsepower	Weight	Input Power	Capacitance
9024801	ECW075	220-240V 50Hz	1½"/50 mm 2"/63mm	0.75HP	13.6Kg	0.75kW	14uF
9024802	ECW100	220-240V 50Hz	1½"/50 mm 2"/63mm	1.0HP	13.8Kg	1.1kW	25uF
9024803	ECW150	220-240V 50Hz	1½"/50 mm 2"/63mm	1.5HP	14.0Kg	1.5kW	25uF
9024804	ECW200	220-240V 50Hz	1½"/50 mm 2"/63mm	2.0HP	14.2Kg	1.8kW	30uF
9024805	ECW300	220-240V 50Hz	1½"/50 mm 2"/63mm	3.0HP	14.5Kg	2.2kW	35uF
9024806	ECW100	380-400V 50Hz	1½"/50 mm 2"/63mm	1.0HP	15.0Kg	1.1kW	/
9024807	ECW150	380-400V 50Hz	1½"/50 mm 2"/63mm	1.5HP	16.5Kg	1.5kW	/
9024808	ECW200	380-400V 50Hz	1½"/50 mm 2"/63mm	2.0HP	17.2Kg	1.8kW	/
9024809	ECW300	380-400V 50Hz	1½"/50 mm 2"/63mm	3.0HP	19.2Kg	2.2kW	/

# EcoFlow Single Speed Pump



For residential pools and spas

## EcoFLOW PUMP

### HIGH PERFORMANCE & SAVE ENERGY

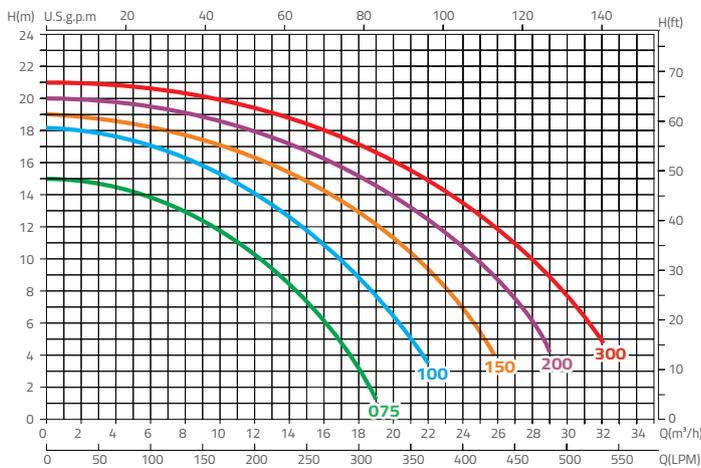
The Emaux EcoFlow Single-Speed Pump merges enhanced self-priming, a durable high-strength polymer housing, and noise reduction for quiet, efficient pool/spa operation. Optimized fluid dynamics maximize water flow with minimal energy, cutting runtime and electricity costs. It integrates seamlessly into existing systems, eliminating costly upgrades. Energy-efficient performance reduces power use and maintenance, saving time and money. Combining durability, adaptability, and quiet operation, the EcoFlow offers a cost-effective upgrade for modernizing pools effortlessly.



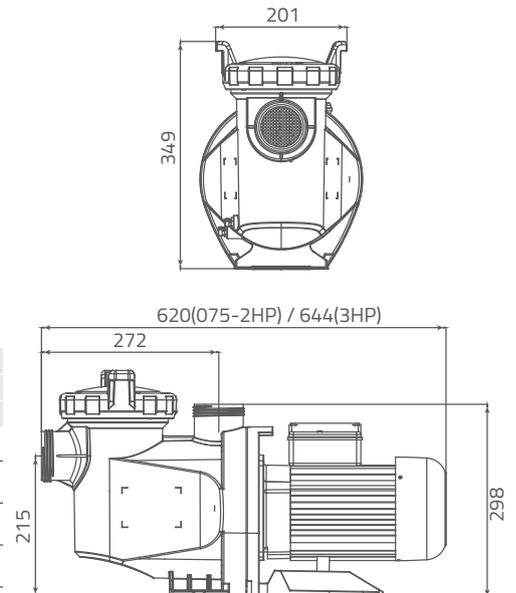
### Product Features:

1. Self-priming up to 3.5m above water level
2. Feasible union design for both imperial and metric standard
3. Basket volume 2L
4. Robust suction-resistant filter basket with specially designed filter holes
5. Direct replacement for other model pumps
6. Class insulation Class F
7. Thermal or over current protection
8. IPX5 Waterproof Standard
9. Asynchronous, two-pole motor
10. Precise alignment with plumbing position, making it easy to replace the Astralpool CTX

### Technical Information



### Product Dimensions



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
ECF075	0.75kW	3.5	63	16	14.4	12.4	9.5	5.5	--
ECF100	1.1kW	5	64	20.2	19.8	16.8	14.8	12	8.5
ECF150	1.5kW	6.8	65	24.5	23.2	21.5	19.2	16.5	12.5
ECF200	1.8kW	8.2	65	28	26.6	25	22.5	20	16.5
ECF300	2.2kW	10	67	31.2	29.8	28	25.8	23.2	20

Code	Model	Power	Connection size	Horsepower	Weight	Input Power	Capacitance
9024601	ECF075	230V/50Hz	1½"/50 mm 2"/63mm	0.75HP	14.5Kg	0.75kW	20uF
9024602	ECF100	230V/50Hz	1½"/50 mm 2"/63mm	1.0HP	14.5Kg	1.1kW	25uF
9024603	ECF150	230V/50Hz	1½"/50 mm 2"/63mm	1.5HP	15.0Kg	1.5kW	25uF
9024604	ECF200	230V/50Hz	1½"/50 mm 2"/63mm	2.0HP	15.2Kg	1.8kW	30uF
9024605	ECF300	230V/50Hz	1½"/50 mm 2"/63mm	3.0HP	15.7Kg	2.2kW	35uF

# EcoFlow Variable Speed Pump NEW

For residential pools and spas

## HIGH PERFORMANCE & SAVE ENERGY

Emaux EcoFlow variable speed pumps combine an innovative pump design with a high-performance motor to reduce energy costs compared to less efficient single-speed pumps, achieving superior efficiency up to 86% and exceeding industry standards. Easy installation and a user-friendly experience simplify pool maintenance. This core combination delivers unmatched performance, reliability, optimized water flow, and energy savings for both new and existing pools and spas.

**EcoFLOW**  
Variable Speed PUMP



### Special Design for EcoFlow Variable Speed Pump



Precise alignment with plumbing position, making it easy to replace the Astralpool CTX



User-Friendly smart control panel



Enhanced self-priming through an innovative pump body design

## Product Features:

1. Self-priming up to 3.3m above water level
2. Feasible union design for both imperial and metric standard
3. Robust suction-resistant filter basket with specially designed filter holes
4. Direct replacement for other model pumps
5. Class insulation Class F
6. Thermal or over current protection
7. IPX5 Waterproof Standard
8. Basket volume 2L

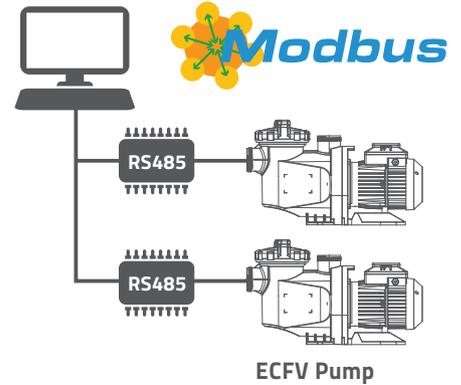
## New Connectivity and External Smart Control

### DOWNLOAD THE APP SMART LIFE

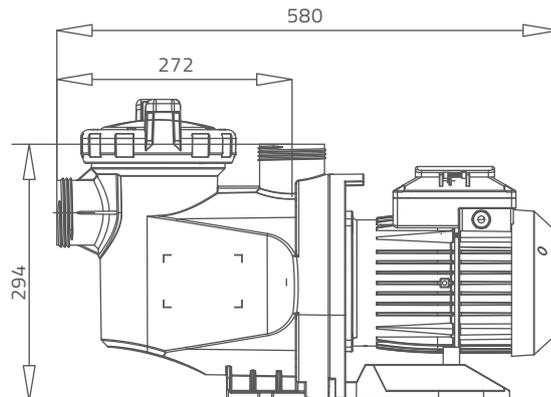
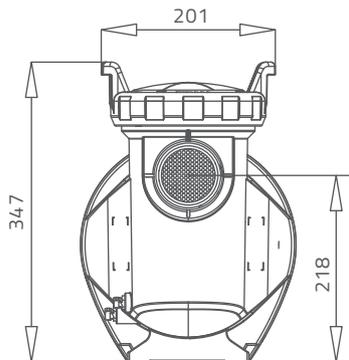


#### IoT Connection:

An IoT version can be controlled and monitored over an internet connection, enabling users to manage pool functions remotely. This connectivity allows for real-time adjustments, automated scheduling, and enhanced efficiency in maintaining optimal water quality.

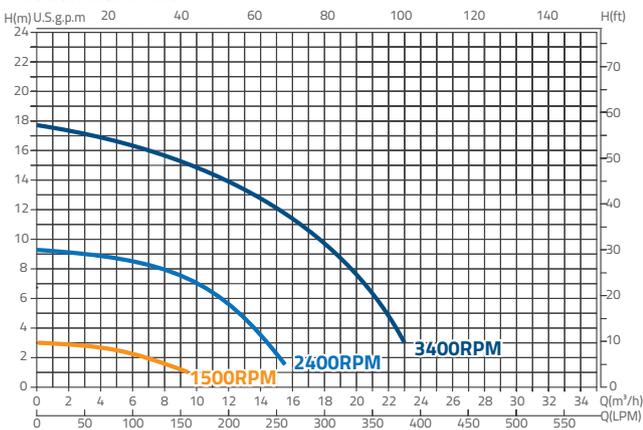


## Technical Dimensions

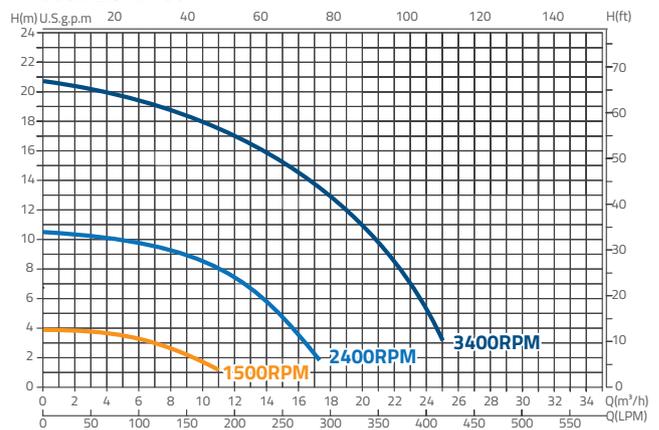


## Technical Information

#### Model: ECFV125



#### Model: ECFV165



Code	Model	Power	Connection size	Weight	Input Power	Horsepower	RPM
9024701	ECFV125	110V-240V, 50Hz/60Hz	1.5" / 50mm, 2.0" / 63mm	18 Kg	1.1 kW	1.25 hp	800-3400
9024702	ECFV165	110V-240V, 50Hz/60Hz	1.5" / 50mm, 2.0" / 63mm	18 Kg	1.5 kW	1.65 hp	800-3400

# SB & SR Series Pumps

For residential pools and spas

## PROVEN LONG-TERM DURABILITY

The SB Series pump delivers high flow and energy efficiency ultra performance. 2-inch suction and discharge port with a transparent lid. Ring lock seal design to eliminate suction leaks and to maximize suction efficiency.

The SR Series pump is the right choice for both high and medium head installation in commercial spa pools. The seal and bearing used are imported from trustable suppliers to ensure reliable quality. It delivers high flow and energy efficiency ultra performance.



SR Series Pump

SB Series Pump

### Product Features:

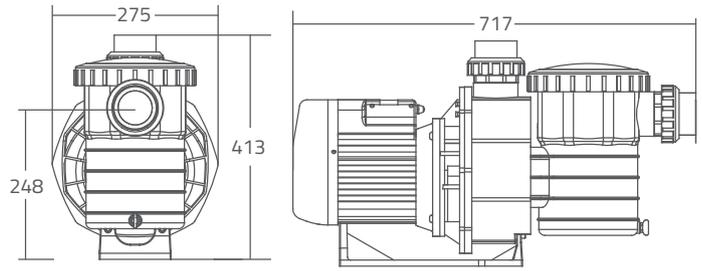
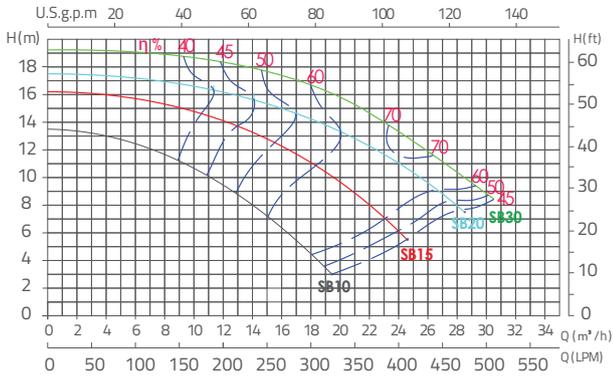
1. 2 inch suction and discharge ports
2. Ring-lock lid eliminates leaks and maximizes suction efficiency
3. Asynchronous, two-pole motor
4. Motor Insulation Class B
5. IPX5 Waterproof
6. Built-in thermal protection
7. Overload protection
8. Available in 50Hz or 60Hz for 230V/400V
9. Specially designed unions compatible for both Imperial and Metric standards
10. Testing Pressure (50 psi/ 3.5Bar)
11. 316 stainless steel shaft
12. 316 stainless steel mechanical seal



Only SB Series Pump is C-Tick and SASO certified

# SB Series Pump

## Product Information



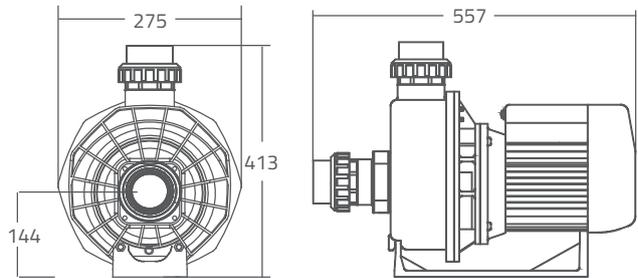
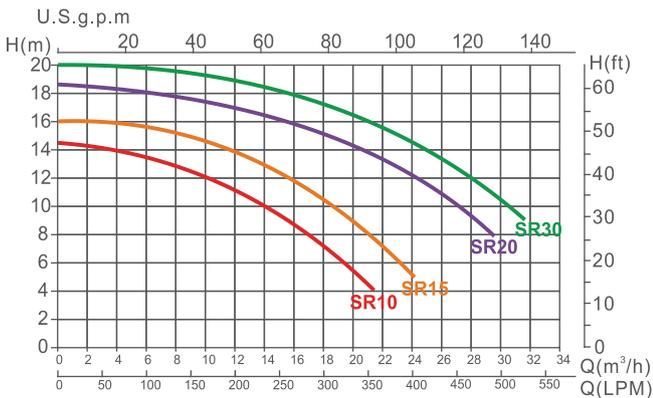
Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
SB10	0.97	4.7	67	16.4	14	11	7	--	--
SB15	1.30	5.9	67	24	22	19.5	16	12	2
SB20	1.80	8.2	69	31	28	25.2	22	18	12
SB30	2.18	10.5	69	34	32	28.4	26	23	19.2

Code 230V/50Hz	Code 230V/60Hz	Code 400V/50Hz*	Model	Connection Size	Horsepower	Weight(kg)	Capacitance 220V
9020001	9020002	--	SB10	2" / 63mm	1.0hp	16.0	25μF
9020004	9020005	--	SB15	2" / 63mm	1.5hp	17.0	25μF
9020007	9020008	9020009	SB20	2" / 63mm	2.0hp	23.0	30μF
9020010	9020011	9020012	SB30	2" / 63mm	3.0hp	24.0	35μF

\*Three phase

# SR Series Pump

## Product Information



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				6	8	10	12	14	16
SR10	0.97	4.7	67	19.6	17	14	10	4	--
SR15	1.30	5.9	67	23.2	21	18.8	14.8	11.6	2
SR20	1.80	8.2	69	31	29.2	27	24	20.5	16
SR30	2.18	10.5	69	34	32	30.5	28	25	21

Code 230V/50Hz	Code 400V/50Hz*	Code 230V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 220V
9020801	--	9020812	SR10	2" / 63mm	1.0hp	14.70	25μF
9020803	--	9020811	SR15	2" / 63mm	1.5hp	16.30	25μF
9020805	9020806	9020810	SR20	2" / 63mm	2.0hp	19.70	30μF
9020807	9020808	9020809	SR30	2" / 63mm	3.0hp	22.10	35μF

\*Three phase

# E-Force Series Pump

For the medium size residential pools

## VALUE FOR TRUSTED PERFORMANCE



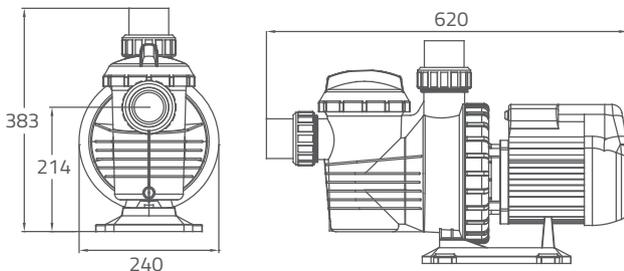
The E-Force pump operates quietly and is highly energy-efficient. Its 2-inch suction enhancement boosts performance. Featuring a unique ring lock nut design, it is easy to maintain. With low decibel levels and minimal energy consumption, it requires very little upkeep.



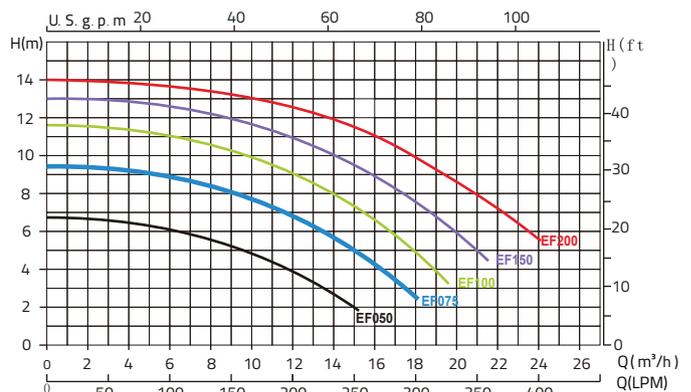
### Product Features:

1. 1.5 & 2 inch suction and discharge port with transparent lid
2. Asynchronous, Two poles motor
3. Class insulation: 130(B)
4. IPX5 Waterproof standard
5. Built-in thermal protection
6. Overload protection
7. External heat sink
8. Available in 50Hz or 60Hz with 220V/110V
9. Special design union compatible for both Imperial and Metric measurement standard
10. S.S. 316 Shaft
11. S.S. 316 Mechanical seal
12. Self-Priming up to 2m above water level
13. Testing Pressure 50PSI (3.5 Bar)
14. Basket Volume 2.5 litres

### Product Information and Dimension:



Code 220V/50Hz	Model	Housepower	Weight(kg)	Capacitance 220V
9023601	EF050	0.5hp	10.4	14μF
9023602	EF075	0.75hp	12.1	20μF
9023603	EF100	1.0hp	13.4	25μF
9023604	EF150	1.5hp	14.9	25μF
9023605	EF200	2.0hp	15.4	30μF



Remark: The performance curve above is for 50Hz models

Code 220V/50Hz	Model	Input	Current (AMP)	Noise (dB)	Connection Size	Horsepower	Head (m)			
							4	6	8	10
							Flow Rate (m³/h)			
9023601	EF050	0.51	2.5	60	1.5"/50mm or 2"/63mm	0.5hp	12	6.8	--	--
9023602	EF075	0.75	3.5	68	1.5"/50mm or 2"/63mm	0.75hp	16.4	13.8	9	--
9023603	EF100	0.97	4.7	70	1.5"/50mm or 2"/63mm	1.0hp	19	17	14	10
9023604	EF150	1.30	5.9	70	1.5"/50mm or 2"/63mm	1.5hp	22	20	17.2	14
9023605	EF200	1.71	8.2	73	1.5"/50mm or 2"/63mm	2.0hp	26	23.2	21	18

# SC Series Pump

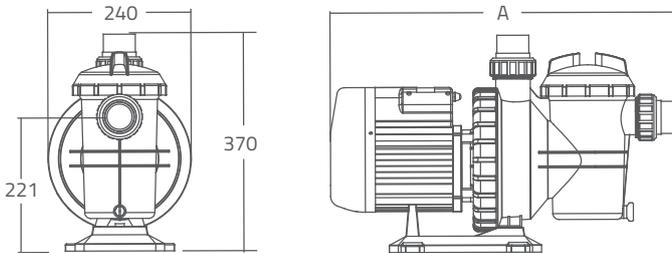
For the medium size residential pools



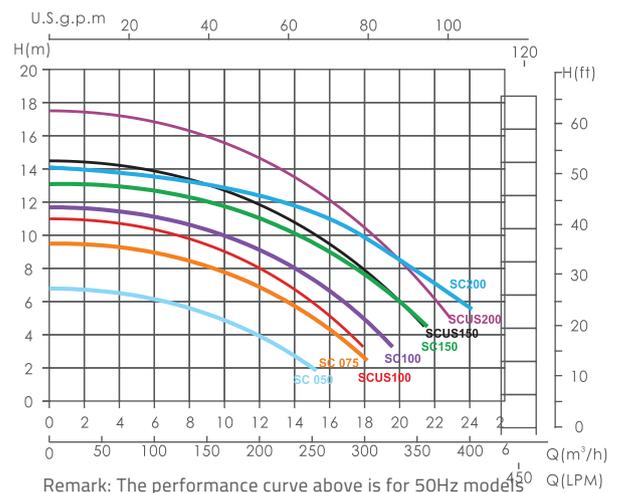
## Product Features:

1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Motor Insulation Class B
4. IPX5 Waterproof
5. Built-in thermal protection
6. Overload protection
7. External heat sink
8. Available in 50Hz or 60Hz for 230V/115
9. Specially designed unions compatible for both Imperial and Metric standards
10. Self-Priming up to 2m above water level
11. Testing Pressure (50 psi / 3.5Bar)
12. 316 stainless steel shaft
13. 316 stainless steel mechanical seal
14. Basket volume 2.5 litres
15. Low noise level, low energy and easy maintenance.

## Product Information and Dimensions:



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)									
				4	6	8	10	12	14	Flow Rate (m³/h)			
SC050	0.51	2.5	60	12	6.8	---	---	---	---	---	---	---	---
SC075	0.75	3.5	68	16.4	13.8	9	---	---	---	---	---	---	---
SC100	0.97	4.7	70	19	17	14	10	---	---	---	---	---	---
SC150	1.30	5.9	70	22	20	17.2	14	---	---	---	---	---	---
SC200	1.71	8.2	73	26	23.2	21	18	---	---	---	---	---	---
SCUS100	0.97	4.2/8.4	70	17	15	12	7	---	---	---	---	---	---
SCUS150	1.40	6.2/12.4	70	---	20	18	15	11.8	5	---	---	---	---
SCUS200	1.80	8.0/16.0	73	---	22	20.8	18.6	16	13	---	---	---	---



Code 230V/50Hz	Code 230V/60Hz	Code 230V/115V/60Hz*	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 115V/230V	
9020102	9020103	/	SC050	1.5" / 50mm	0.5hp	10.4	14µF	/	mm
9020105	9020106	/	SC075	1.5" / 50mm	0.75hp	12.1	20µF	/	600
9020108	9020109	/	SC100	1.5" / 50mm	1.0hp	13.4	25µF	/	600
9020112	9020113	/	SC150	1.5" / 50mm	1.5hp	14.9	25µF	/	600
9020114	9020115	/	SC200	1.5" / 50mm	2.0hp	15.4	30µF	/	600
/	/	9021401	SCUS100	1.5" / 50mm	1.0hp	15	/	90µF	600
/	/	9021402	SCUS150	1.5" / 50mm	1.5hp	16	/	90µF	610
/	/	9021403	SCUS200	1.5" / 50mm	2.0hp	17.5	/	100µF	610

Note: SCUS100, SCUS150, SCUS200 are for US market only  
\*Deal voltage model

# All-Star Series Pump

Specially designed for above-ground pool

## ROBUST PUMPS FOR ABOVE-GROUND POOLS

The Emaux All-Star series pump is specifically designed as a superior pump for above-ground pools. Heavy duty construction and advanced engineering deliver high flow performance and reliability. It offers a powerful, quiet, and a long operational lifespan.

 **ALL-STAR**

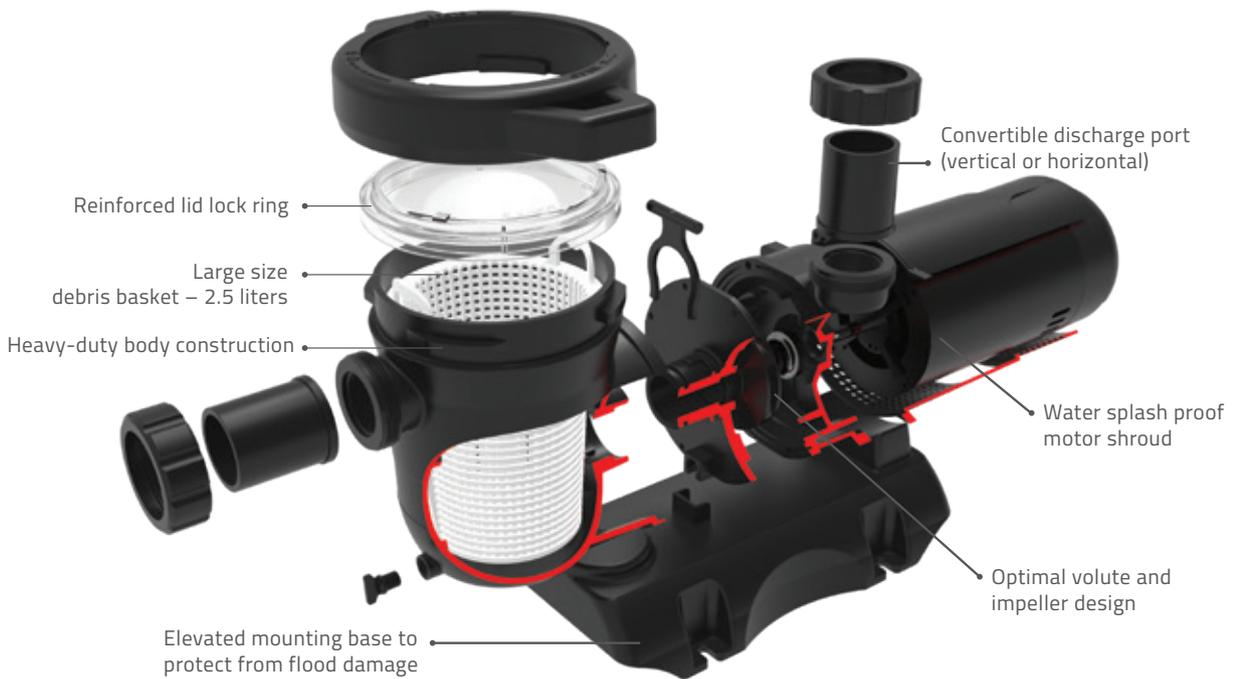


ASC-ODP Series

### Features:

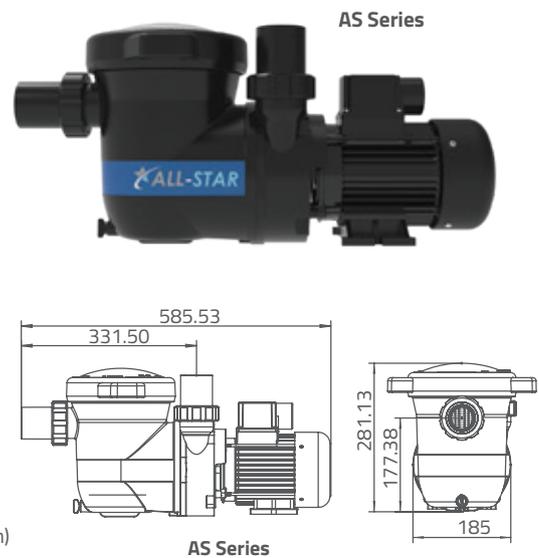
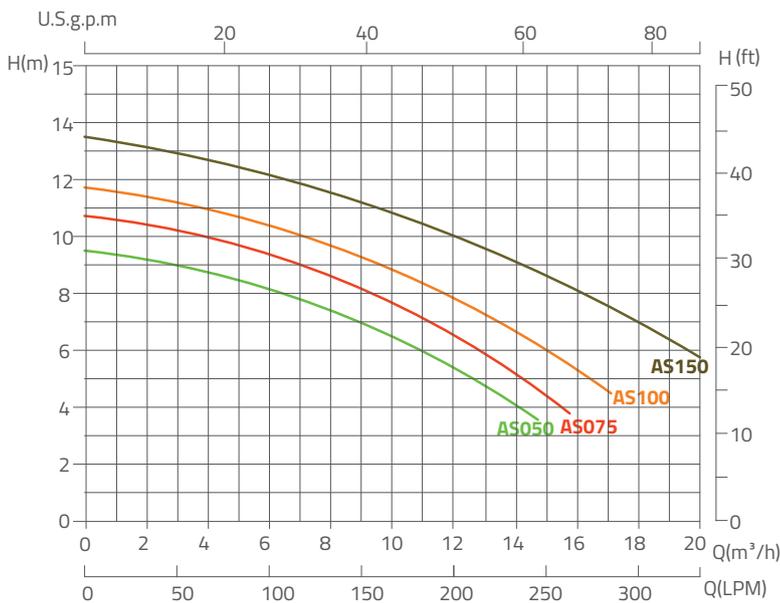
1. Includes a motor shroud for Canada versions and a mounting base. All components are molded in corrosion-proof reinforced thermoplastic for superior strength and reliability.
2. Easy access discharge port allows conversion from vertical to horizontal discharge orientation.
3. 1.5" PVC pipe union or NPT thread to 1.25" - 1.5" hose band adaptor for quick inlet/outlet hose connection.
4. Large debris basket with see-through lid reduces cleaning frequency. Twist-Lock lid design enables hassle-free access to the basket.
5. Optimal volute and impeller design provides an excellent hydraulic performance.
6. Suitable for in-ground pools: self-priming vertical lift up to 5ft (1.5 metres).
7. Super quiet operation especially for dual-speed models.
8. Heavy duty high performance motor with automatic thermal overload protection.

## Exploded Diagram:



## Technical Information:

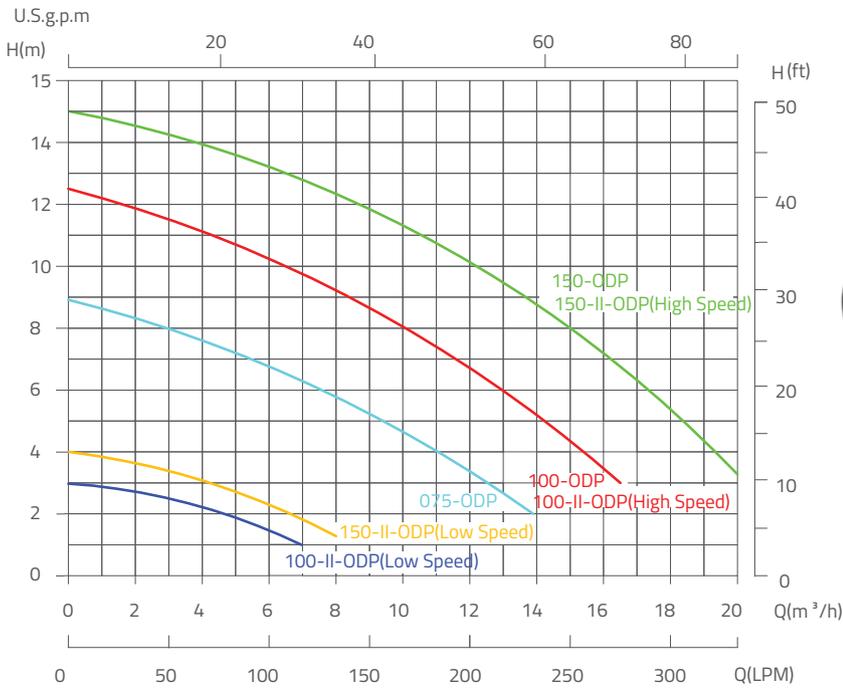
**AS Series: with TEFC motor and CE certificate**



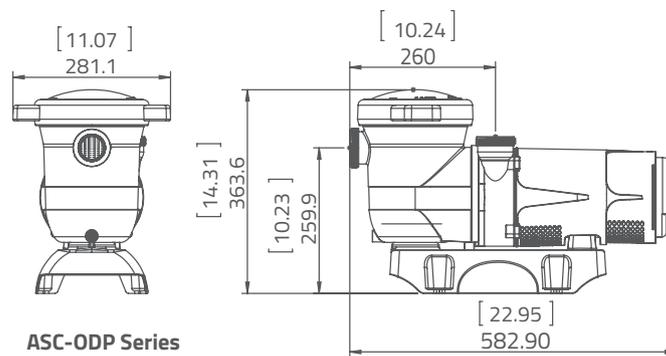
Code (230V/50Hz)	Model	Connection Size	HP	UF	Weight (Kg)	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
									6	8	10	
										Flow Rate (m³/h)		
9024301	AS050	1.5"/50mm	0.5	8	10	0.55	2.5	62	10.5	6.4	--	
9024302	AS075	1.5"/50mm	0.75	14	10.5	0.75	3.5	62	13	9.3	4	
9024303	AS100	1.5"/50mm	1.0	20	11.5	0.9	4.7	65	15	11.7	7	
9024304	AS150	1.5"/50mm	1.5	30	12.5	1.1	5.8	68	19.6	16.2	12	

## Technical Information (ASC-ODP Series)

ASC-ODP Series: with ODP motor, UL certificate and motor shroud and elevated mounting base



Note: The performance curve above is for 60Hz models



Code	Model	Speed	Voltage	Input Power	HP	Full Load Current (A)	Connection Size	Noise Level dB @ 1m
9024101	ASC075-ODP	Single	115Vac 60Hz	0.55kW	0.75	6.2	1 ¼" - 1 ½"	66
9024102	ASC100-ODP	Single	115Vac 60Hz	0.75kW	1.0	9.5	1 ¼" - 1 ½"	68
9024103	ASC100-II-ODP	Dual	115Vac 60Hz	0.75kW	1.0	9.5	1 ¼" - 1 ½"	68/52
9024104	ASC150-ODP	Single	115Vac 60Hz	1.10kW	1.5	10.5	1 ¼" - 1 ½"	69
9024105	ASC150-II-ODP	Dual	115Vac 60Hz	1.10kW	1.5	10.5	1 ¼" - 1 ½"	69/52

# SS Series Pump

For the small size residential pools or above-ground pools

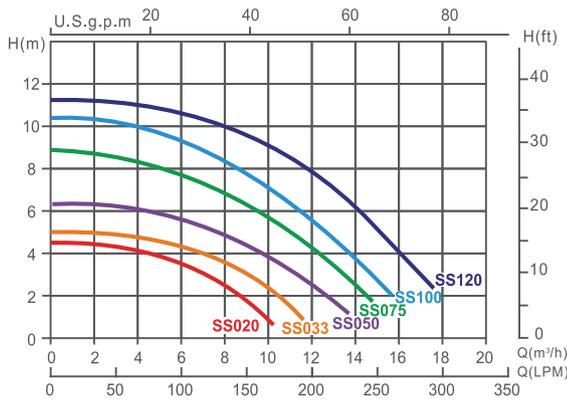
## THE BEST OPTION FOR SMALLER PLUMBING

The SS pump is quiet running and energy efficient. 1.5-inch suction and discharge port with a transparent lid. It operates at a low decibel and energy consumption which requires minimal maintenance.

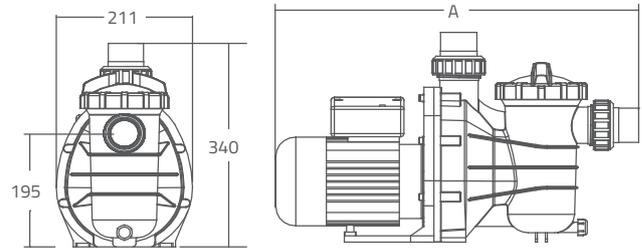


### Additional features for timer option

1. The SS Series pump offers an optional built-in timer that allows the user to quickly set up the pump's running schedule on a user-friendly control pad.
2. Set up the ideal switch-on time and the run-time ranging from 2 hours a day to 24 hours.
3. Battery backup memory up to 72 hours.



Remark: The performance curve above is for 50Hz models



### Product Information and Dimensions

Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
Flow Rate (m <sup>3</sup> /h)							
SS020/SS020T	0.28	1.5	55	8.4	4	--	--
SS033/SS033T	0.43	2	55	10.4	7	--	--
SS050/SS050T	0.55	2.5	60	12.4	10	4	--
SS075/SS075T	0.75	3.5	60	14.4	12.2	9.4	5
SS100/SS100T	0.90	4.7	65	15.2	13.8	11.4	8.4
SS120/SS120T	0.97	5.8	65	18	16	14	12

### Product Features:

1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Motor Insulation Class B
4. IPX5 Waterproof
5. Built-in thermal protection
6. Overload protection
7. External heat sink
8. Available in 50Hz or 60Hz with 230V/110V
9. Specially designed unions compatible for both Imperial and Metric standards
10. 316 stainless steel shaft
11. 316 stainless steel mechanical seal
12. Low noise level, low energy and easy maintenance.

Code 230V/50Hz	Code 110V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 110V	A mm
9020302	9020301	SS020	1.5" / 50mm	0.2hp	6.20	5µF	20µF	507
9020305	9020304	SS033	1.5" / 50mm	0.33hp	6.50	6µF	24µF	507
9020308	9020307	SS050	1.5" / 50mm	0.5hp	8.03	8µF	30µF	552
9020311	9020310	SS075	1.5" / 50mm	0.75hp	9.01	14µF	40µF	552
9020314	9020313	SS100	1.5" / 50mm	1.0hp	9.09	20µF	60µF	552
9020316	9020315	SS120	1.5" / 50mm	1.2hp	11.00	20µF	60µF	552
9020329	/	SS020T	1.5" / 50mm	0.2hp	6.20	5µF	/	507
9020330	/	SS033T	1.5" / 50mm	0.33hp	6.50	6µF	/	507
9020331	/	SS050T	1.5" / 50mm	0.5hp	8.03	8µF	/	552
9020332	/	SS075T	1.5" / 50mm	0.75hp	9.01	14µF	/	552
9020333	/	SS100T	1.5" / 50mm	1.0hp	9.09	20µF	/	552
9020334	/	SS120T	1.5" / 50mm	1.2hp	11.00	20µF	/	552

# SD & ST Series Pumps

For above-ground pools (SD Series) and portable spas (ST Series)

## QUIET OPERATION AND EASY INSTALLATION

SD and ST Series Pump has the option to have the pre-filter disassembled which allows users a greater degree of applications. 1.5-inch suction and discharge port with a transparent lid. It operates at a low decibel and energy consumption which requires minimal maintenance.



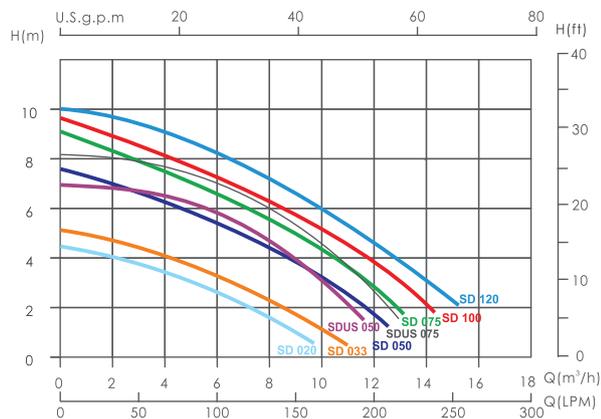
Only ST Series Pump is SAA certified

### Product Features:

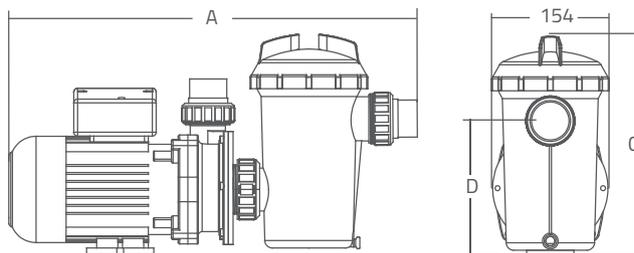
1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Motor Insulation Class B
4. IPX5 Waterproof
5. Built-in thermal protection
6. External heat sink
7. Transparent lid (SD Series)
8. Available in 50Hz or 60Hz for 230V/110V
9. Specially designed unions compatible for both Imperial and Metric standards
10. 316 stainless steel shaft
11. 316 stainless steel mechanical seal
12. Low noise level, low energy and easy maintenance

# SD Series Pump

## Product Information



Remark: The performance curve above is for 50Hz models



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
Flow Rate (m³/h)							
SD020	0.28	1.5	55	7	2	--	--
SD033	0.43	2	55	8.4	4	--	--
SD050	0.60	2.5	60	11.5	9	4.6	--
SD075	0.75	3.5	60	13	10.2	7	2.8
SD100	0.90	4.7	65	14	10.8	8.6	4.4
SD120	0.97	5.8	65	15.2	13	10	6.4

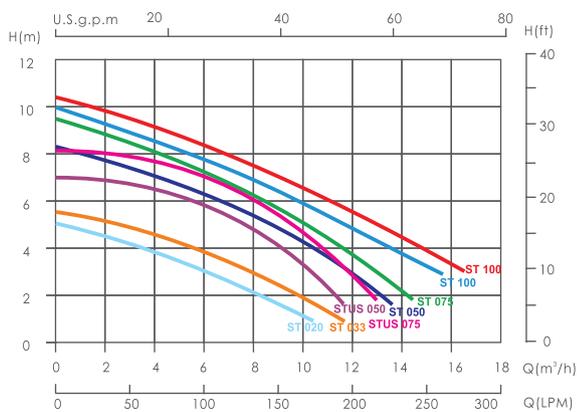
Note: SDUS050, SDUS075 are for US market only

Code 230V/50Hz	Code 110V/60Hz	Code 115V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	Capacitance 110V	Capacitance 115V	A mm	C mm	D mm
9020202	9020201	/	SD020	1.5" / 50mm	0.2hp	6.2	5µF	20µF	/	510	278	167
9020203	9020209	/	SD033	1.5" / 50mm	0.33hp	6.5	6µF	24µF	/	510	278	167
9020204	/	/	SD050	1.5" / 50mm	0.5hp	8.0	8µF	/	/	555	291	173
9020205	/	/	SD075	1.5" / 50mm	0.75hp	9.0	14µF	/	/	555	291	173
9020206	/	/	SD100	1.5" / 50mm	1.0hp	9.1	20µF	/	/	555	291	173
9020207	/	/	SD120	1.5" / 50mm	1.2hp	11.0	20µF	/	/	555	291	173
/	/	9021301*	SDUS050	1.5" / 50mm	0.5hp	9.0	/	/	30µF	555	270	173
/	/	9021302*	SDUS075	1.5" / 50mm	0.75hp	10.0	/	/	30µF	555	270	173

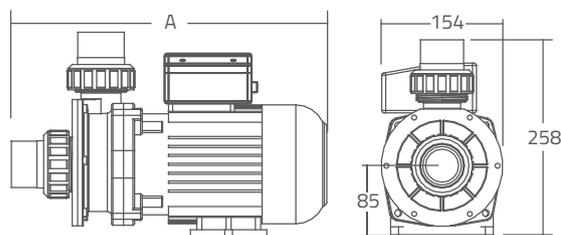
\*ETL ready

# ST Series Pump

## Product Information



Remark: The performance curve above is for 50Hz models



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
Flow Rate (m³/h)							
ST020	0.28	1.5	55	8.2	3.2	--	--
ST033	0.43	2	55	9.8	5.2	--	--
ST050	0.55	2.5	60	13.2	10.3	6.6	1
ST075	0.75	3.5	60	14.4	11.3	8.6	4
ST100	0.90	4.7	65	17	13.6	9.8	5.1
ST120	0.97	5.8	65	18	14.8	11	6.8

Note: STUS050, STUS075 are for US market only

Code 230V/50Hz	Code 230V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 230V	A mm
9020601	/	ST020	1.5" / 50mm	0.2hp	4.5	4µF	330
9020602	/	ST033	1.5" / 50mm	0.33hp	5.1	6µF	330
9020603	/	ST050	1.5" / 50mm	0.5hp	7.3	8µF	375
9020604	9020610	ST075	1.5" / 50mm	0.75hp	8.2	14µF	375
9020605	9020607	ST100	1.5" / 50mm	1.0hp	9.1	20µF	375
9020606	9020609	ST120	1.5" / 50mm	1.2hp	9.3	20µF	375

# Aqua-Mini Pump

For above-ground pools, optional built-in timer

## LOW RUNNING COST AND NOISE LEVEL

Aqua-Mini pump is specially designed for the above-ground swimming pool. Attached with a pre-filter and a transparent lid, it is easy to maintain. A Timer is also available for users who prefer minimal monitoring. Once the users have set a start time and duration period, the pump will start and operate accordingly every day.



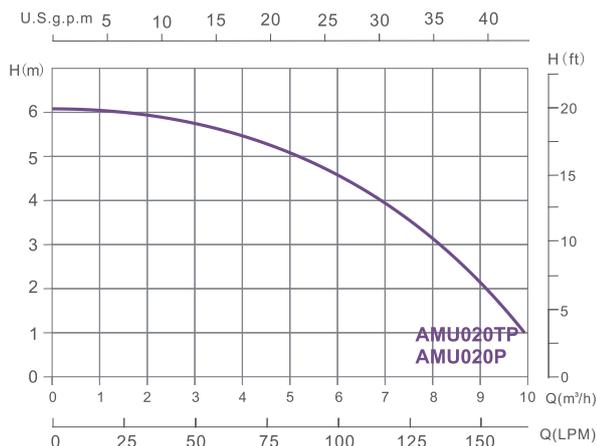
Timer option



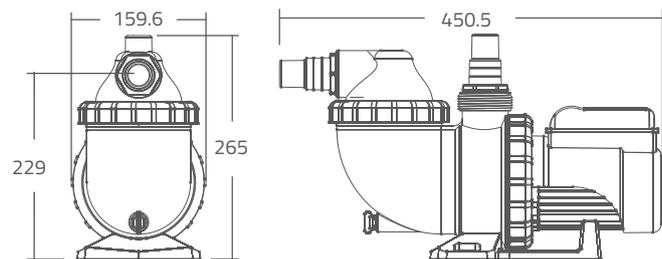
### Product Features:

1. Pump body with pre-filter and rotating transparent lid for easy installation and maintenance
2. Supplied with union connectors and flexible hose adaptors
3. Timer option is available
4. Asynchronous, Two poles
5. Motor Insulation Class B
6. IPX5 Waterproof
7. Built-in thermal protection
8. External heat sink
9. Available in 50Hz or 60Hz for 230V/110V
10. Specially designed unions are compatible for both imperial and metric standards
11. Low noise level, low energy and easy maintenance

### Technical Information



Note: The performance curve above is for 50Hz models



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	3	4	5
Flow Rate (m <sup>3</sup> /h)							
AMU020TP	0.25	1.2	55	9.1	8.1	6.9	5.1
AMU020P	0.25	1.2	55	9.1	8.1	6.9	5.1

Code 230V/50Hz	Code 110V/60Hz	Code 230V/60Hz	Model	Description	Horsepower	Connection Size	Adaptor	Weight (kg)
9022708	9022707	9022709	AMU020TP	0.20HP Aqua-Mini Pump (with timer & pre-filter)	0.2hp	1.5" / 50mm	1 1/4" & 1 1/2" 32 & 38mm	4.2
9022803	9022804	9022805	AMU020P	0.20HP Aqua-Mini Pump (with pre-filter)	0.2hp	1.5" / 50mm	1 1/4" & 1 1/2" 32 & 38mm	4.2

# Hydra-Power Commercial Pump

For commercial pools, aquatic parks, and seawater facilities

## EXCELLENT HYDRAULIC EFFICIENCY UP TO 91%

The Emaux Hydra-Power pump is a series of powerful and robust pumps engineered for applications requiring high flow capability and efficiency. The pump is constructed with high impact corrosion resistant thermoplastics and equipped with a large capacity strainer. The Hydra-Power pump is suitable for a variety of applications including all types of commercial pools, aquatic parks, and seawater facilities.



13L/30L  
Strainer Basket



Francis-Vane  
Impeller



IE 3 Class  
Motor

### Product Features:

1. High volume self-priming thermoplastic pump ideal for large filtration systems
2. Proven hydraulic efficiency up to 91%
3. Premium Efficiency IE3 Class Motor (compliance IEC 60034-30)
4. Francis-vane impeller allows for broadband efficiency and large flow range
5. Smooth throat volute design facilitates the high work efficiency
6. The operating frequency can be controlled externally by Variable Frequency Drive (VFD)
7. Fiber reinforced plastic casing provides substantial temperature, pressure, vibration and impact performance
8. Secondary seal chamber prevents water leakage and acts as a vapour blocker to the motor
9. Large suction-side detachable strainer capacity in 13 and 30 Liter
10. Low noise level up to 68dB
11. IPX5 Waterproof

## Product Information

Code 400V/50Hz*	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
9023901	APS550P	4"/DN100	5.5	13	2850	4	72	95	90	82	75	65	50
9023902	APS750P	4"/DN100	7.5	13	2850	5.5	72	130	120	110	105	90	80
9023903	APS1000P	6"/DN150	10	30	1450	7.5	68	--	210	185	180	160	135
9023904	APS1500P	6"/DN150	15	30	1450	11	68	--	270	260	250	240	210

Code 400V/60Hz*	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
9023905	APS550P	4"/DN100	5.5	13	3400	4	78	85	80	70	65	50	40
9023906	APS750P	4"/DN100	7.5	13	3400	5.5	78	115	110	100	90	80	70
9023907	APS1000P	6"/DN150	10	30	1750	7.5	72	--	210	180	160	140	120
9023908	APS1500P	6"/DN150	15	30	1750	11	72	--	270	240	225	200	180

Code 230/460V 60Hz*	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
9023909	APS550P	4"/DN100	5.5	13	3400	4	78	85	80	70	65	50	40
9023910	APS750P	4"/DN100	7.5	13	3400	5.5	78	115	110	100	90	80	70
9023911	APS1000P	6"/DN150	10	30	1750	7.5	72	--	210	180	160	140	120
9023912	APS1500P	6"/DN150	15	30	1750	11	72	--	270	240	225	200	180

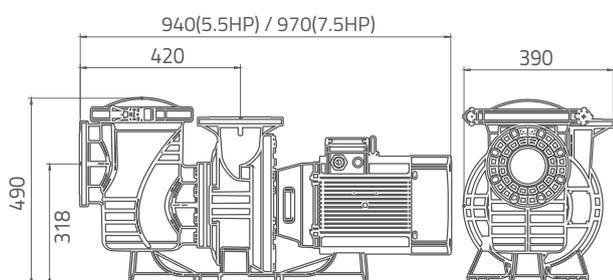
\*Three phase model

## Specification

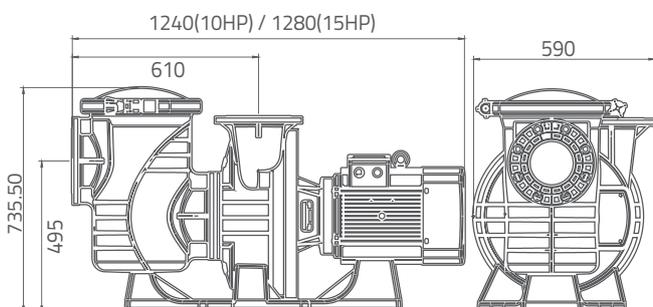
<b>Motor</b>	Premium Efficiency IE3 Class Motor	<b>Water Proof</b>	IPX5
<b>Design Methodology</b>	Advanced computer 3D design modeling for CFD analysis	<b>Flow Rate</b>	Up to 280m <sup>3</sup> /h
<b>Design Reference (Applicable only)</b>	ISO 5199 : 2002	<b>Differential Head</b>	Up to 22m
<b>Operating Pressure</b>	0-2 bar 25°C to 35°C	<b>Speed</b>	2 pole up to 2850 rpm 4 pole up to 1450 rpm
<b>Temperature Range</b>	0°C to 45°C (Water) 0°C to 45°C (Ambient)	<b>Motor Insulation</b>	Class F
<b>Flange Standard</b>	DIN (PN10) ANSI (Class150)		

## Product Dimension

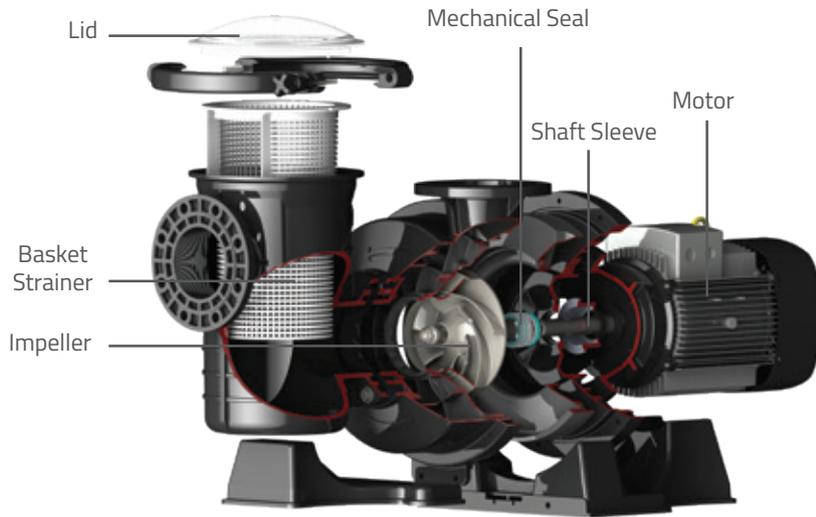
APS550P/APS750P



APS1000P/APS1500P



Self-Priming Pump: APS550P, APS750P  
Centrifugal Pump: APS1000P and APS1500P

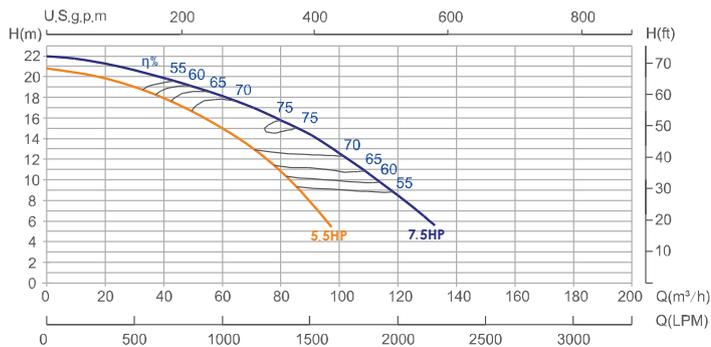


## Material Table

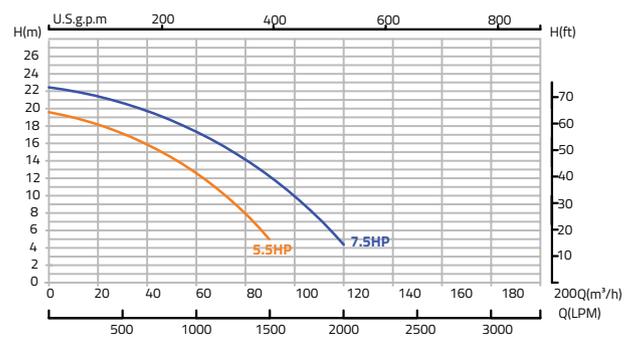
Items	Material
Motor Casing	Aluminum
Motor Bracket	Cast Iron
Shaft Sleeve	SS316
Mechanical Seal	SS316 + EPDM/ Ceramic/ carbon
Body	PP+GF
Basket	PP
Strainer	PPO+GF
Impeller	SS316 + PPO+GF
Base	PP+GF
Lid	PC

## Technical Information

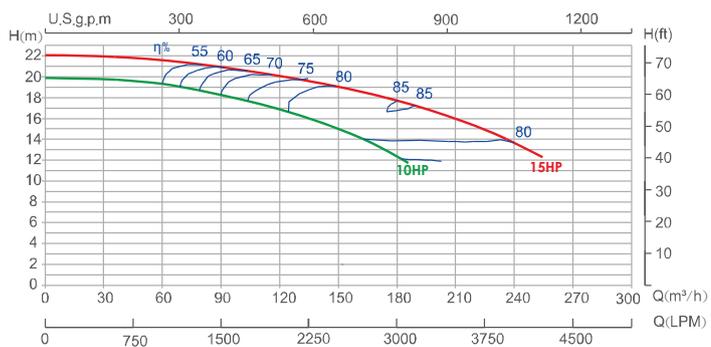
2850RPM 50Hz



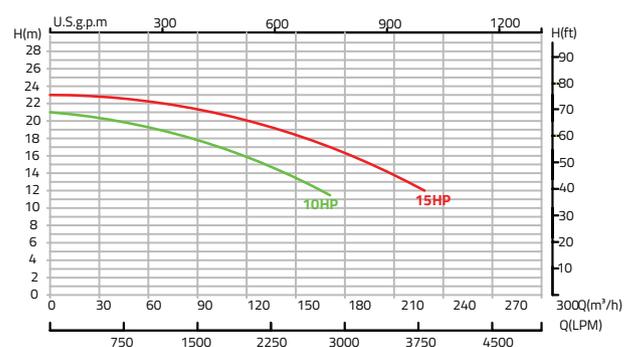
3400RPM 60Hz



1450RPM 50Hz



1750RPM 60Hz



# Ultra-power Commercial Pump

For commercial pools, spas, aquatic parks, and seawater facilities

## SUPREME PERFORMANCE SELF-PRIMING PUMP

Ultra-Power is a series of high-performance pumps designed to achieve the highest flows among similar pumps on the market. By utilizing state-of-the-art engineering, the one-piece molded pump body with a large capacity 8-liter strainer basket makes it unique among all comparable pumps. Built with corrosion and chemical resistant glass-reinforced thermoplastic and superior seawater graded mechanical seal guarantee a long working life.



3" Union



8L Strainer Basket



IE3 Class TEFC Motor



One-piece Moulded  
Pump Body



SS316+EPDM/ Ceramic/  
Carbon Mechanical Seal

### Specification:

1. Waterproof: IPX5
2. Self Priming: 3 m
3. Flow rate: Up to 110 m<sup>3</sup>/h
4. Working Voltage: 380-400Vac
5. Premium Efficiency IE3 Class Motor
6. Bearing: High temperature resistant up to 160°C

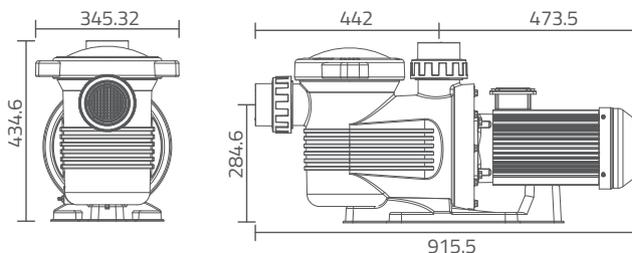
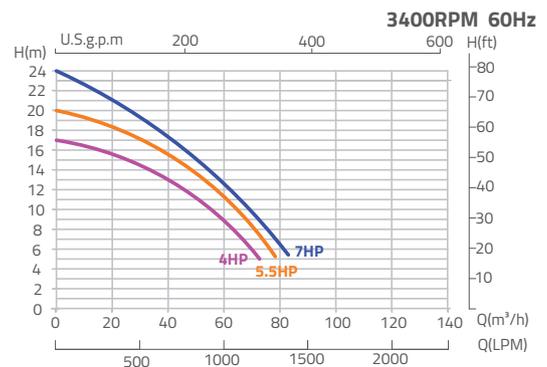
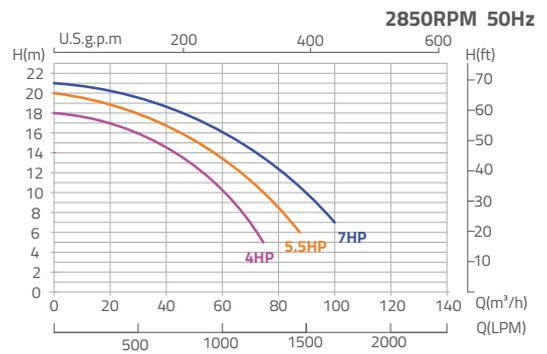


Product Video



## Outstanding Hydraulic Performance. Highest Efficiency up to 80%

The Ultra-Power pump is Emaux's first commercial pump with a 3" union to achieve the hydraulic performance of more than 45 m<sup>3</sup>/h at 18m of head (7hp model). With a wide selection of power options (from 4, 5.5, 7hp) available in 3-phase motor, it becomes one of the most efficient and energy-saving solution for various range of the commercial pool and seawater facilities.



## Product Information

Code 400V/50Hz*	Model	Connection Size	Horsepower (hp)	Strainer Vol (L)	RPM	Input Power (kw)	Noise (dB)	Current (AMP)	Head (m)						
									8	10	12	14	16	18	
										Flow Rate(m <sup>3</sup> /h)					
9024401	UPH400	3"/90mm	4	8	2850	3	70	5.5	64	62	53	42	30	---	
9024402	UPH550	3"/90mm	5.5	8	2850	4	72	8	82	75	66	58	43	28	
9024403	UPH700	3"/90mm	7	8	2850	5	72	10	96	90	82	72	60	45	

Code 230V/460V 60Hz*	Model	Connection Size	Horsepower (hp)	Strainer Vol (L)	RPM	Input Power (kw)	Noise (dB)	Current (AMP)	Head (m)						
									8	10	12	14	16	18	
										Flow Rate(m <sup>3</sup> /h)					
9024404	UPH400	3"/90mm	4	8	3400	3	70	10/5A	60	52	45	32	15	---	
9024405	UPH550	3"/90mm	5.5	8	3400	4	72	13/6.5A	70	65	58	50	38	22	
9024406	UPH700	3"/90mm	7	8	3400	5	72	16/8A	73	70	62	55	42	38	

\*Three phase

# SWP Series Corrosion Resistant FRP Pump

For seawater & water with corrosive compounds applications

## STRONG RESISTANCE TO CORROSIVE LIQUIDS

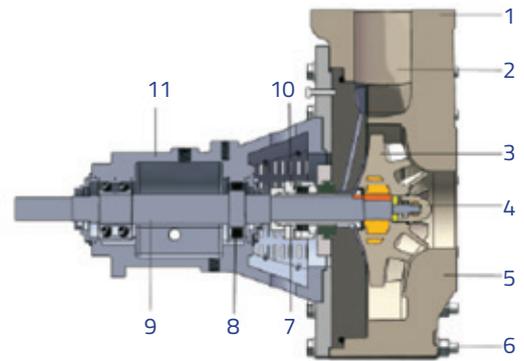
SWP Series Pump combines materials and manufacturing technology to provide strong resistance to corrosive liquids and the reliability to work under extreme environments.

The SWP pump is a Single Stage, End Suction, Horizontal Centrifugal Pump, designed to ISO 5199-2002 Standards for Chemical Process Pumps. The pumps are designed with vertical centerline discharge and back pull-out construction. All wet parts are corrosion resistant and non-metallic.



## Product Features:

1. Compliance with European DIN Standard
2. Smooth hydraulic passages to increase pump efficiency
3. Tapered polygon impeller provides high capacity and greater efficiency
4. Externally adjustable impeller clearance provides ease of maintenance and maximum efficiency
5. All wet parts in either Vinyl or Ester Epoxy Resin provide better chemical resistance
6. Bolts through casing ensure O-ring seal integrity under all hydraulic operating conditions
7. Integral shaft sleeve design protects the pump shaft from exposure to fluids
8. Large Swedish made SKF bearings ensure long operation life
9. Heavy-duty shaft minimizes deflection to maximize mechanical seal life
10. External type AISI-316L mechanical seal for highly corrosive fluids, static and rotating ring in SiC and Spring
11. Polyester thermosetting powder coated power frame construction prevent external corrosion
12. Coupled to ABB Motor. Optional earthing rings or insulated bearings prevent bearing erosion when installing with VFD for the electric motor speed control.
13. IPX5 Waterproof



## Advantage on Design

Mechanical Seal with Internal Cool Down and Clean Up Channel

Compared with Stainless Steel, Fiberglass has better anti-corrosion effects.

High Efficient Impeller

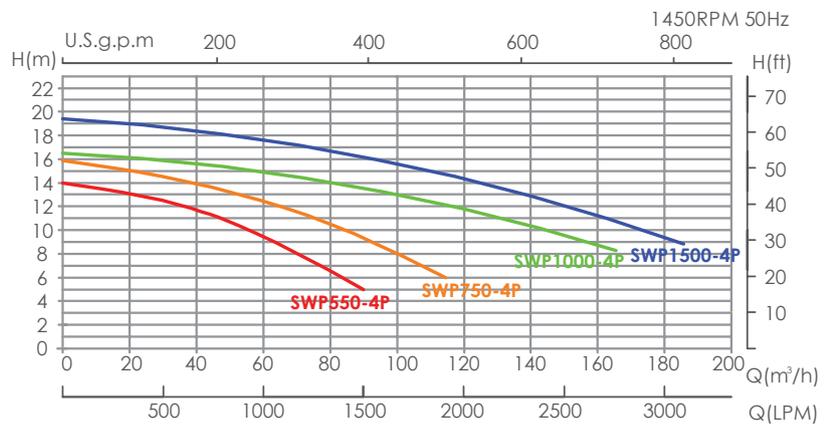
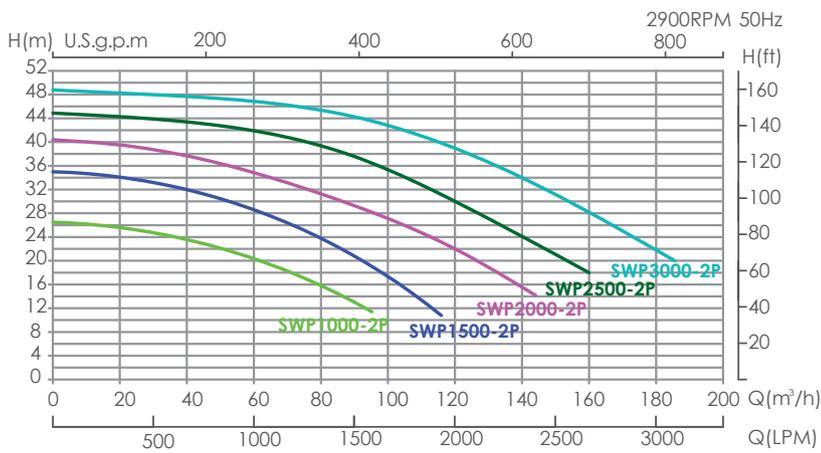
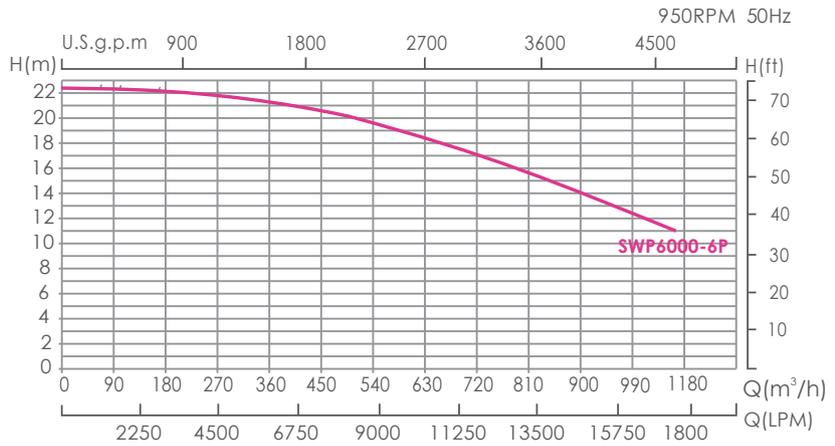
External type AISI-316L mechanical seal for highly corrosive fluids, static and rotating rings in SiC, spring and Polyester thermosetting powder coated power frame construction to prevent external corrosion.

316 L Stainless Steel with corrosion resistance

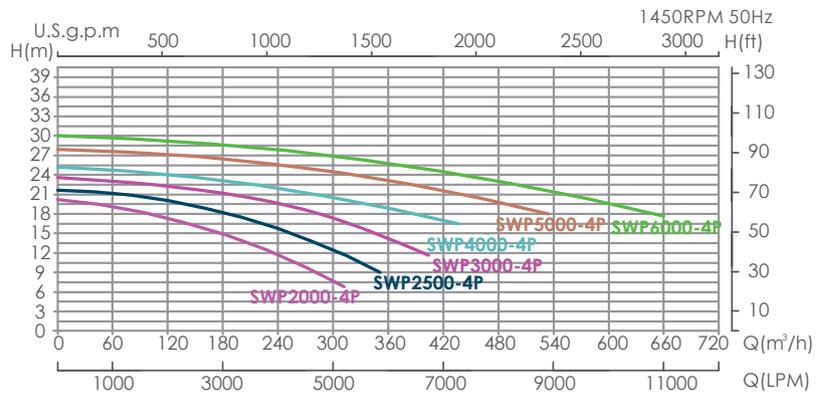
High Efficient SKF Ball Bearings provide longer life compared with conventional Ball Bearings

Double Row Ball Bearings enhance efficiency and provide power savings to extend product life

# Technical Information



## Technical Information

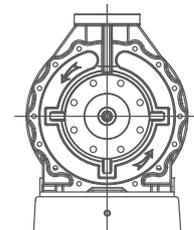
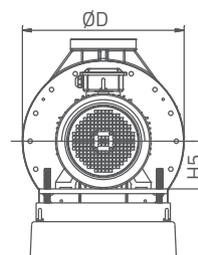
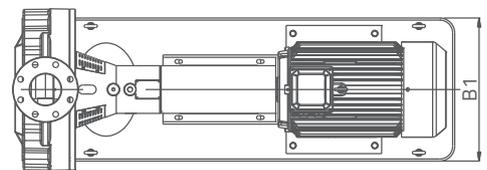
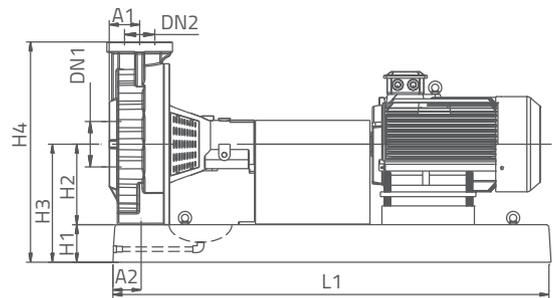


## Product Dimension

Body (Motor - 4P)	L1	B1	H1	H2 (mm)	H3	H4	H5	DN1 (inch / mm)	DN2 (inch / mm)	ØD (mm)	A1 (mm)	A2 (mm)
100 x 80	1200	420	100	210	310	590	112	4"/100	3"/80	458	102	78
100 x 80	1200	420	100	210	310	590	132	4"/100	3"/80	458	102	78
150 x 100	1450	480	100	254	354	697	132	6"/150	4"/100	540	102	78
150 x 100	1450	480	100	254	354	697	160	6"/150	4"/100	540	102	78
200 x 150	1530	570	100	368	468	874	160	8"/200	6"/150	700	152	93
200 x 150	1530	570	100	368	468	874	180	8"/200	6"/150	700	152	93
300 x 250	2032	600	100	457	557	1217	280	12"/300	10"/250	1003	197	203

## Technical Information

Code	Model	Inlet x Outlet x Impeller Dia (mm)	RPM	Power	Weight (kg)
9023516	SWP6000-6P	300 x 250 x 405	950	60.0hp 45.0kW	1020
9023503	SWP550-4P	100 x 80 x 205	1450	5.5hp 4.0kW	285
9023504	SWP750-4P	100 x 80 x 220	1450	7.5hp 5.5kW	300
9023505	SWP1000-4P	150 x 100 x 225	1450	10.0hp 7.5kW	417
9023506	SWP1500-4P	150 x 100 x 250	1450	15.0hp 11.0kW	480
9023501	SWP2000-4P	200 x 150 x 250	1450	20.0hp 15.0kW	647
9023502	SWP2500-4P	200 x 150 x 265	1450	25.0hp 18.5kW	677
9023509	SWP3000-4P	200 x 150 x 280	1450	30.0hp 22.0kW	694
9023511	SWP4000-4P	200 x 150 x 295	1450	40.0hp 30.0kW	763
9023518	SWP5000-4P	200 x 150 x 310	1450	50.0hp 37.0kW	796
9023510	SWP6000-4P	200 x 150 x 325	1450	60.0hp 45.0kW	828
9023507	SWP1000-2P	100 x 80 x 155	2900	10.0hp 7.5kW	322
9023508	SWP1500-2P	100 x 80 x 170	2900	15.0hp 11.0kW	345
9023517	SWP2000-2P	100 x 80 x 185	2900	20.0hp 15.0kW	358
9023519	SWP2500-2P	100 x 80 x 200	2900	25.0hp 18.5kW	377
9023520	SWP3000-2P	100 x 80 x 215	2900	30.0hp 22.0kW	403



# SE Series Commercial Iron Pump

For fresh water commercial pools

## HEAVY DUTY APPLICATIONS

SE Series Commercial Iron Pump build to cater commercial usage (e.g Large-size swimming pool, spa pool, water feature, etc). Cast iron body with easy to clean large strainer basket. Stainless Steel or Metal Impellers options are available to match your need, range from 5.5 hp to 15 hp, suitable for heavy-duty commercial usage (e.g. Large size swimming pool, commercial spa pools and water features). Renowned ABB motor is used to ensure quiet and stable operation.



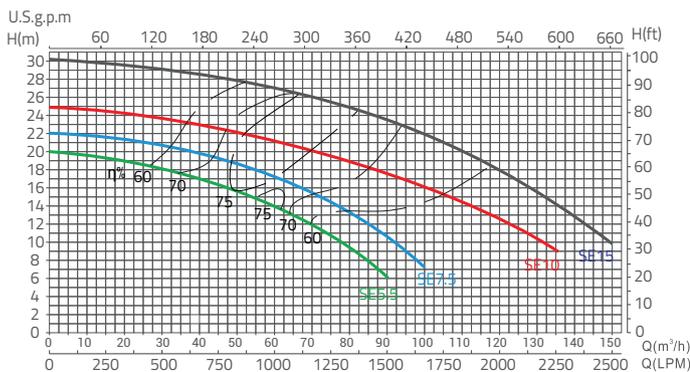
**AISI-304  
Stainless Steel Impeller**



### Product Features:

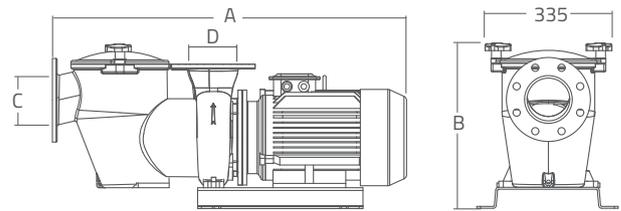
1. Cast iron body with AISI-304 stainless basket
2. Optional AISI-304 stainless steel or cast iron impellers depending on requirement.
3. Asynchronous, two-pole motor
4. Motor Insulation Class B
5. IPX5 Waterproof
6. Available in 400V/50Hz
7. Testing Pressure 50 psi (3.5 Bar)
8. Basket Volume 5 litres

### Technical Information



Remark: The performance curve above is for 50Hz, 2850rpm models

### Product Information and Dimensions



Model	Input (kW)	Current (AMP)	Noise (dB)	Head (m)					
				8	10	12	14	16	18
SE5.5	4.70	7	72	83	75	70	60	45	25
SE7.5	6.40	9	76	100	92	85	75	65	45
SE10	8.60	14	75	135	130	120	112	95	80
SE15	12.40	18	78	160	150	142	135	120	110

Code 400V/50H* (Cast iron impeller)	Code 400V/50H* (SS304 impeller)	Model	Connection Size	Horsepower	Output power (kW)	Voltage	Weight (kg)	A mm	B mm	C mm	D mm
9021005	9021006	SE5.5	3" / 90mm	5.5hp	4.0	380-420	95	860	415	DN80	DN80
9021007	9021008	SE7.5	3" / 90mm	7.5hp	5.5	380-420	100	860	415	DN80	DN80
9021001	9021002	SE10	4" / 110mm	10hp	7.5	380-420	118	915	445	DN100	DN100
9021003	9021004	SE15	4" / 110mm	15hp	11.0	380-420	130	945	445	DN100	DN100

\*Three phase

# Basket Strainer

For swimming pools, aquatic parks, aquariums & zoos, and water treatment

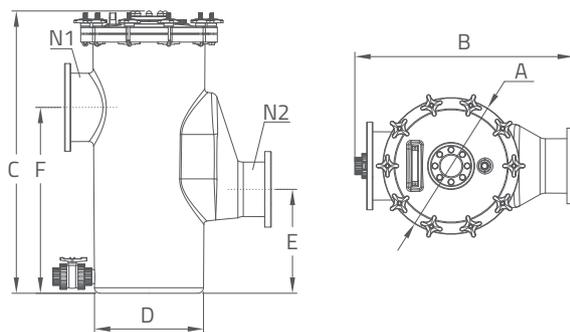
## STOPS LARGE SOLIDS

Commercial basket strainer is designed to be installed with the Emaux SWP Series FRP Pump for the best performance of the water circulation system. The basket strainers are suitable for both saltwater and freshwater systems.



## A ROBUST AND DURABLE PRE-FILTER

The strainer comes with a heavy-duty PP basket that acts as a pre-filter for the protection of the pumps, meters, and valves. It is typically installed prior to the pump to catch large, solid impurities.



## Product Information

Code	Model	Diameter A (mm)	Length B (mm)	Height C (mm)	Diameter D (mm)	Length E (mm)	Length F (mm)	Inlet Flange N1 GB (mm)	Outlet Flange N2 GB (mm)	Capacity (m <sup>3</sup> /h)
9210413	MER150-100S	565	965	992	440	310	593	150	100	123
9210412	MER200-150S	565	985	1124	440	354	705	200	150	192
9210411	MER250-200S	615	990	1271	490	468	837	250	200	301
9210410	MER300-200S	615	990	1271	490	468	837	300	200	447

# WBR Series Spa Pump

Connects to different kinds of bath tub & spa

## EFFICIENT PERFORMANCE & SUPERIOR RELIABILITY

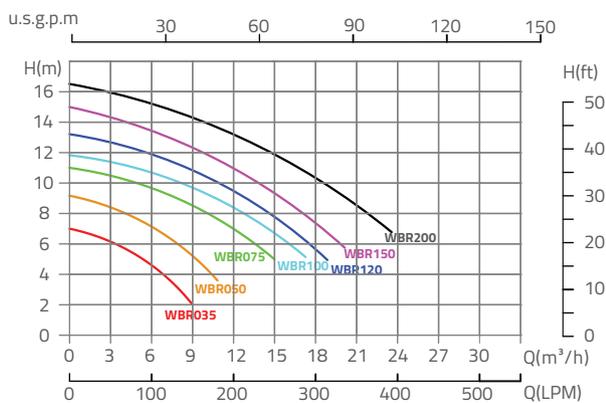
The Emaux WBR Series Spa Pump is designed for durability and efficiency, crafted from high-quality materials to ensure reliability in any spa setting. This pump not only offers exceptional functionality but also adds a touch of style to your setup. With a straightforward installation process and intuitive controls, you can easily customize your experience to suit your needs.



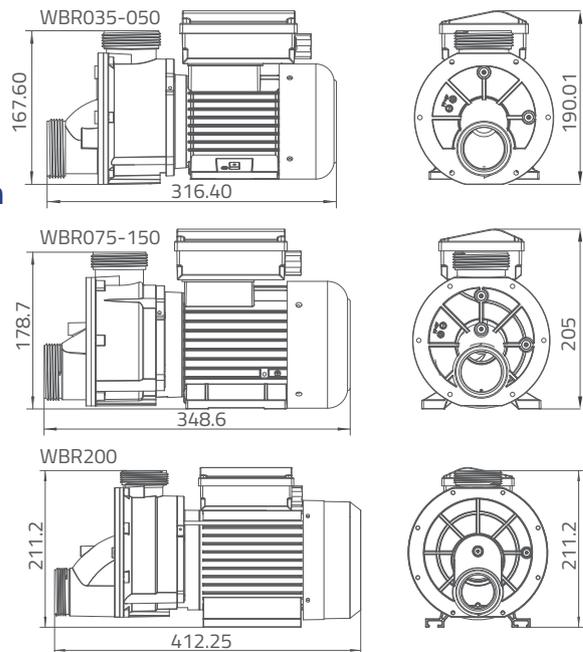
### Product Features:

1. Motor insulation rated Class B
2. IPX5 Waterproof standard
3. Built-in thermal protection
4. 316 stainless steel mechanical seal
5. High-temperature designs suitable for up to 50°C

### Product Dimensions and Technical Information



Remark: The performance curve above is for 50Hz models.



Code 220V-240V, 50Hz	Code 220V-240V, 60Hz	Model	Q <sub>max</sub> (m³/h)	H <sub>max</sub> (m)	Input Power kW [HP]	Current (A)	Connection Size	Weight (kg)
9024501	9024508	WBR035	9	7	0.25 [0.35]	1.6	50 or 1½"	5.1
9024502	9024509	WBR050	11	9.2	0.37 [0.5]	2	50 or 1½"	5.9
9024503	9024510	WBR075	15	11	0.55 [0.75]	3.2	50 or 1½"	7.9
9024504	9024511	WBR100	15.8	11.5	0.75 [1]	3.8	50 or 1½"	8.6
9024505	9024512	WBR120	17.5	12.5	0.9 [1.2]	4.6	50 or 1½"	9.1
9024506	9024513	WBR150	19.5	15	1.1 [1.5]	5.8	50 or 1½"	11.5
9024507	9024514	WBR200	20	16.5	1.5 [2]	7	50 or 1½"	13

# SPR Series Spa Pump

Connects to different kinds of bath tub & spa

## EFFORTLESS EFFICIENCY & ULTIMATE FUNCTIONALITY

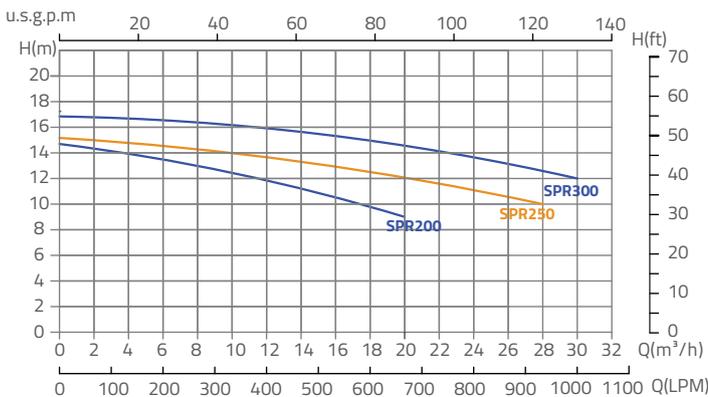
The Emaux SPR Series pump is built for durability and efficiency, constructed with high-quality materials, making it a reliable addition to any spa while providing both functionality and style. Its easy installation process and user-friendly controls allow you to customize your experience effortlessly.



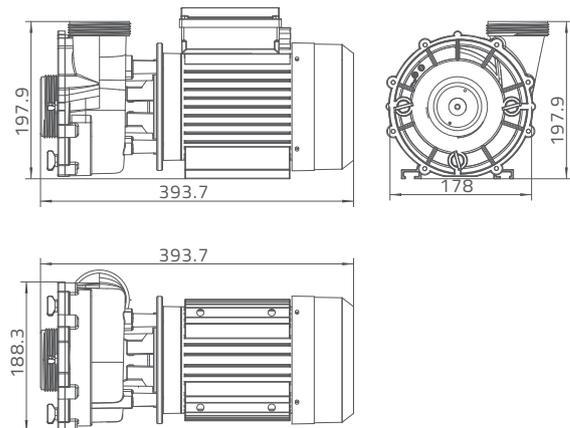
### Product Features:

1. Motor insulation rated Class B
2. IPX5 Waterproof standard
3. Built-in thermal protection
4. 316 stainless steel mechanical seal
5. High-temperature designs suitable for up to 50°C

### Product Dimensions and Technical Information



Remark: The performance curve above is for 50Hz models.



Code 220V-240V, 50Hz	Code 220V-240V, 60Hz	Model	Qmax (m³/h)	Hmax (m)	Input Power kW [HP]	Current (A)	Connection Size	Weight (kg)
9022501	9022504	SPR200	20	14.5	1.5 [2]	7	63mm or 2"	15.3
9022502	9022505	SPR250	28	15	1.85 [2.5]	9	63mm or 2"	16.3
9022503	9022506	SPR300	30	17	2.2 [3]	10	63mm or 2"	18

# ABR Series Air Blower

Connects to different kinds of bath tub & spa

## COMPACT DESIGN & MAXIMUM EFFICIENCY

The Emaux ABR Series Air Blower is a cutting-edge solution designed to elevate your spa and pool experience. Engineered for powerful performance, this air blower delivers consistent, high-volume airflow, ensuring optimal operation for your spa and enhancing the overall relaxation experience. Its compact design allows for easy installation, making it a versatile choice for both residential and commercial settings. Built with high-quality materials, it ensures durability and longevity, making it a reliable addition to your spa system.

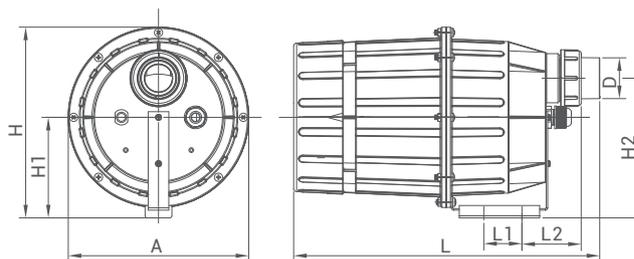


### Product Features:

1. Motor insulation rated Class B
2. Pneumatic control available
3. Built-in thermal protection
4. Blower protection made of reinforced ABS specially resistant to high temperatures
5. Compatible with numerous spa brands

### Product Dimensions

Model	Outlet			L1 (mm)	A (mm)	H (mm)	H1 (mm)	H2 (mm)
	L (mm)	L2 (mm)	D (inch)					
ABR200	282.5	71	1"	37	φ145	157	84.5	114.5
ABR300	282.5	71	1"	37	φ145	157	84.5	114.5
ABR400	297	75.5	1"	37	φ175	185	97.5	135.6
ABR700	297	75.5	1"	37	φ175	185	97.5	135.6
ABR900	297	75.5	1"	37	φ175	185	97.5	135.6

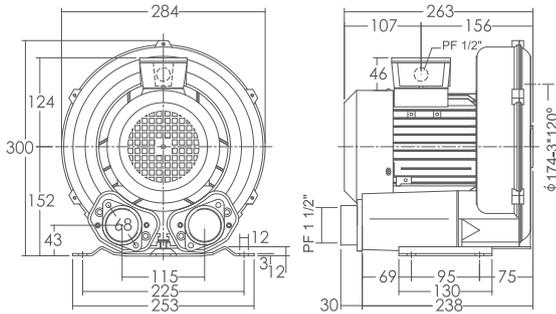


Code	Model	Voltage	Input Power (W)	Current (A)	Max Pressure (Mpa)	Air volume (m <sup>3</sup> /min)	Jets Qty (pcs)	Recommended water depth (m)	Weight (kg)
9060101	ABR200	220V-240V, 50Hz/60Hz	200	1.2	0.008	1.1	6 - 12	0.3	2
9060102	ABR300	220V-240V, 50Hz/60Hz	300	1.7	0.011	1.3	8 - 16	0.4	2
9060103	ABR400	220V-240V, 50Hz/60Hz	400	2.5	0.015	1.7	12 - 24	0.6	2.7
9060104	ABR700	220V-240V, 50Hz/60Hz	700	3.3	0.020	2.2	16 - 32	0.8	2.7
9060105	ABR900	220V-240V, 50Hz/60Hz	900	4.5	0.025	2.4	20 - 40	1	2.7

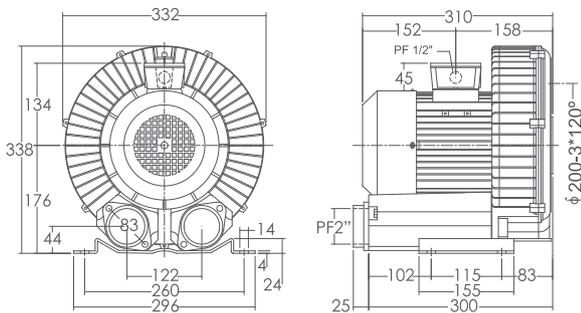
# Air Blowers

For both commercial and portable spa

## HB Series Commercial Air Blower



HB10 & HB15



HB20



## CREATE BUBBLE STREAM TO YOUR POOL

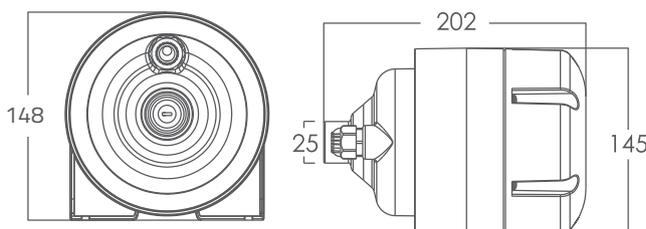
1. Continuous duty rating with quality motors
2. Blowers are CE certified and can be customized for any application
3. High-temperature designs for up to 50°C
4. Assorted coatings and platings for corrosive environments
5. Available for 50Hz and 60Hz

Code 220V/50Hz	Model	Rated Output (kW)	Voltage (V)	Current (A)	Voltage (V)	Current (A)	Max Volume (m <sup>3</sup> /min)	Noise (dB)	Weight (kg)	Static Pressure Compressor (mbar)	Vacuum (mbar)	Relief Value (Pressure) (Type)	Suction Filter
931020479	HB10	0.75	110-120	11	220-240	5.5	2.4	63	16.5	140/160		01*1 /01*1	MF12
931020480	HB15	1.1	----	--	220-240	7.0	2.4	63	16.5	160/190		01*1 /01*1	MF12
931020481	HB20	1.5	----	--	220-240	10	3.6	70	26	180/190		01*1 /01*1	MF16

## AB Series Economy Air Blower

AB Series Air Blower can be used for bath tubs or spa tubs

Code 220V/50-60Hz	Code 110V/50-60Hz	Model	Power (W)	Max Volume (m <sup>3</sup> /min)	Weight (kg)	Max Pressure (Mpa)
9060002	9060001	AB350	350W	1.2	1.8	0.012
9060004	9060003	AB450	450W	1.5	1.8	0.014
9060006	9060005	AB550	550W	1.8	2.0	0.016



# Pump Control Box

Suitable for pool & spa pump

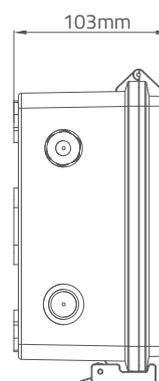
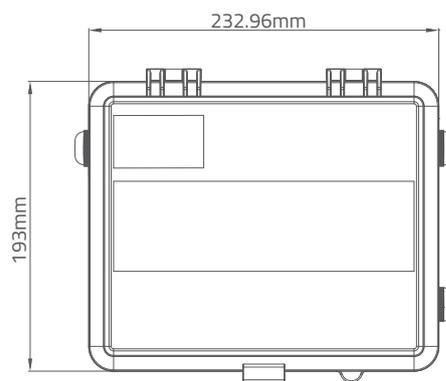


## AN EASY TO USE, FULLY FEATURED CONTROLLER

- manual and timer modes
- flexible control and safety protection

### Product Features:

1. Maximum load of 2.2kW with power indicator
2. Made from durable ABS material
3. Suitable for pool & spa pump
4. Electrical overload & leakage protection
5. Manual mode and timer modes for controlling the operation time
6. Weatherproof: IP65 rating suitable for outdoor use



### Product Information

Code	Model	Description
9110301	KZD2200	Pump Control Box 2.2kW / 220V - 50Hz / 60Hz - AC
/	KZD2200	Pump Control Box 2.2kW / 110V - 50Hz / 60Hz - AC







# ***DISINFECTION SYSTEM***

# CyberSync Series Pool Station

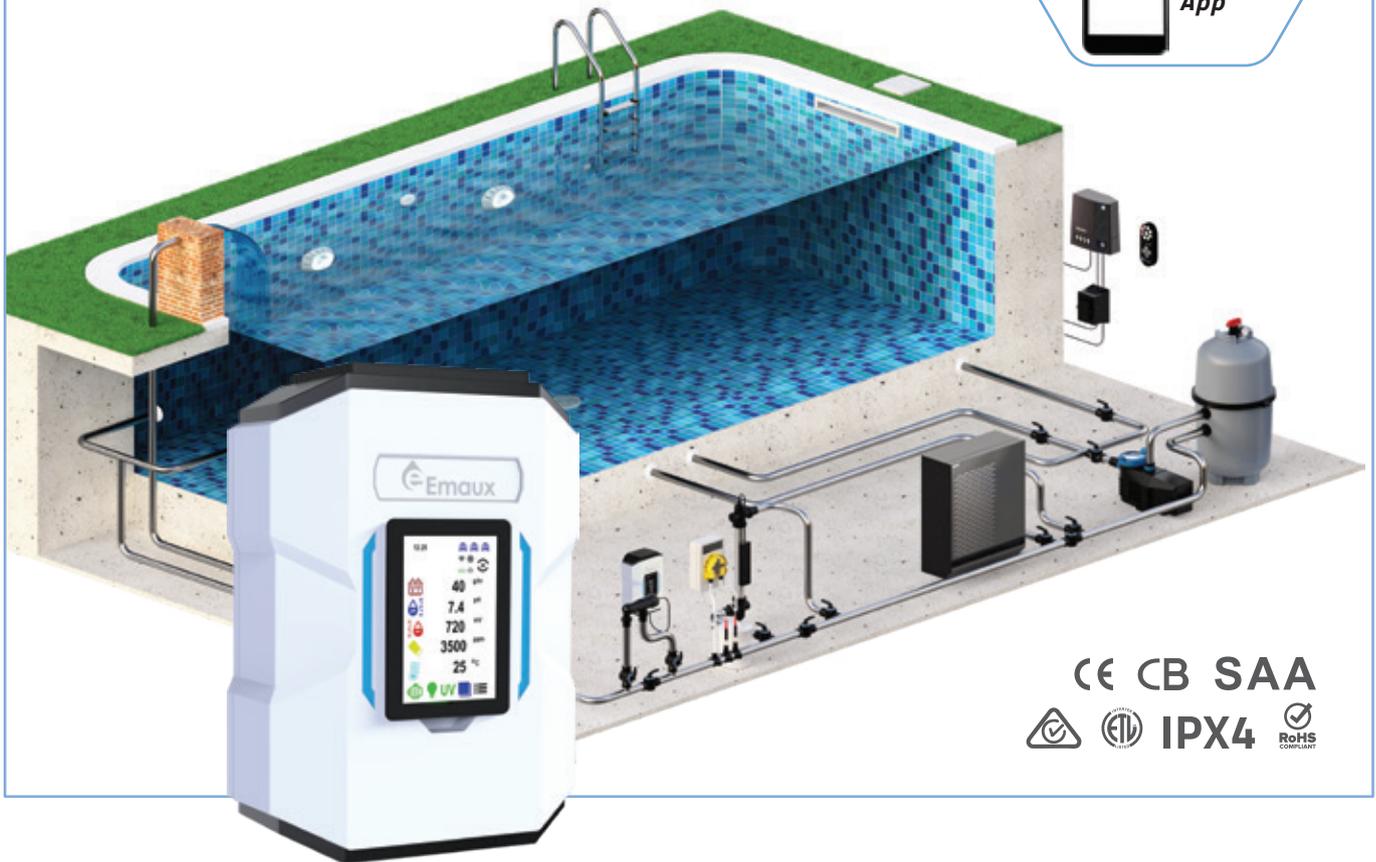
For modern residential pools

## NEXT-GEN UX DESIGN FOR ADVANCED POOL MANAGEMENT

The CyberSync Pool Station collects real-time swimming pool data, including pH, ORP, salinity, and temperature, while controlling a complete range of pool equipment such as pumps, chlorinators, lighting, heating, and more. It supports scheduling and automation for effortless maintenance.



Monitor and control your pool system  
remotely via an internet connection



The CyberSync automation system can fully control the following products:



Pump



Chemical  
Control



UV Light



Dosing



Light



Heater

## SMART SYSTEMS FOR SUPERIOR WATER QUALITY

The advanced IoT-enabled pool monitoring system enhances your pool maintenance experience. Seamlessly connecting to the Smart Life app, it allows real-time monitoring to achieve optimal water conditions and vibrant effects. The system intelligently responds to sensor readings, automatically controlling your pool pump, disinfection system, and other equipment for the best water quality and safety. The Smart Life app also offers robust scheduling and automation, enabling effortless pool management from anywhere. Experience a smarter, more efficient way to maintain your pool with the Smart Life app.



**REAL-TIME  
ALERTS**



**PUMP OPERATION  
STATUS**



**CONNECTION  
STATUS ALERTS**



**REMOTE  
CONTROL**



**AUTOMATED  
SCHEDULING**

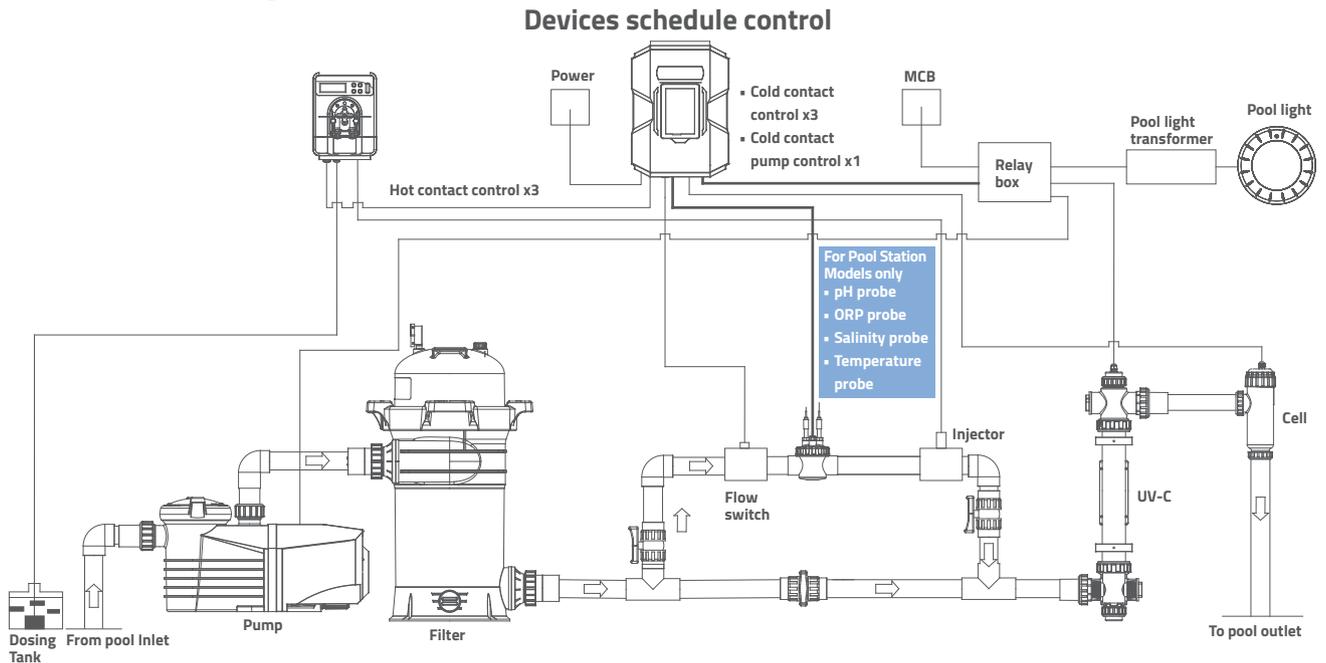


**SEAMLESS  
INTEGRATION**

**DOWNLOAD**  
THE APP **SMART LIFE**

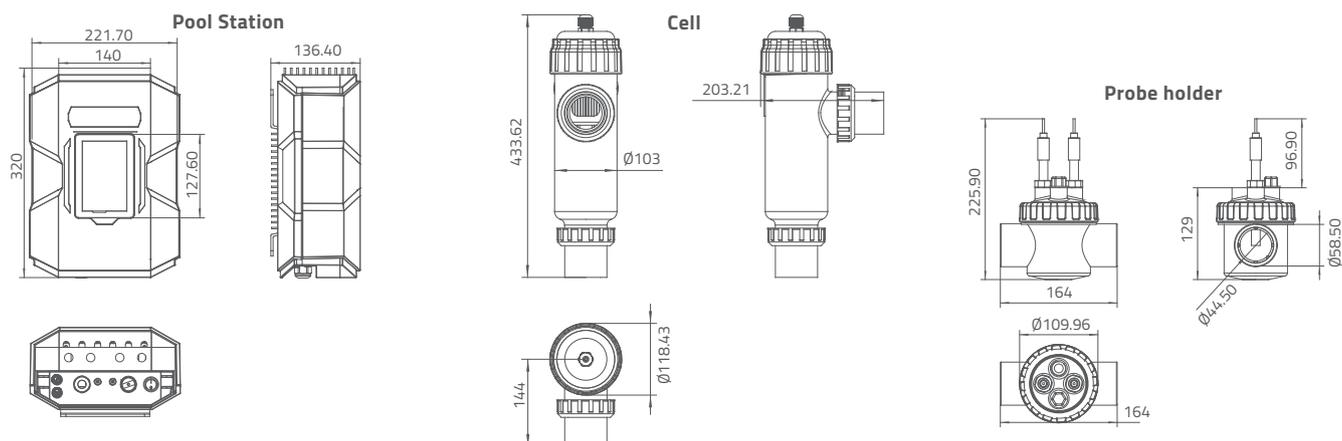


## Installation Diagram



FUNCTION	SPECIFICATION
Display	4.3" LCD with Touch control
Cell type (chlorine production)	20 g/h , 30 g/h or 40 g/h
Measurement	pH, ORP, Salinity and Temperature
Devices schedule control	Hot contact x3 @50W: e.g. Dosing pump Cold contact x3: e.g. Lighting/ UV/ Heating Cold contact x1: Pump control
Pool cover detect	Detect connetion x 1
Wi-Fi	- 802.11 b/g/n - 2.4 GHz - STA mode supported
Modbus	RS485
Input	220V to 240V AC, 2A max (EU version) 110V to 120V AC, 4A max (US version)
Salt level	1000ppm / 3000ppm
IP rating	IPX4

## Product Information and Dimension:



CyberSync Pool Station		Input Voltage/ Frequency	Cell Output (gram/h)	Concrete Pool (m <sup>3</sup> )	Max Consumption	Function
Code	Model					
9130601	CS-A20	110-240V 50/60Hz	20	60	210W	Chlorinator, Measurement, Devices schedule control, Pool cover, Flow switch, IoT APP
9130602	CS-A30	110-240V 50/60Hz	30	80	280W	
9130603	CS-A40	110-240V 50/60Hz	40	100	370W	

## Probe and Accessories Specifications

Code	Product Name	Parameter	Photo
50932003	ORP probe	Pressure: 7 bar Material: epoxy Measuring range: -300 to 900 mV (with 3 m signal line) Electrode diameter: 12 mm	
50932002	pH probe	Pressure: 7 bar Material: epoxy Measuring range: pH 0-14 (with 3 m signal line) Electrode body diameter: 12 mm	
50932005	Salinity probe	Pressure: 7 bar Material: epoxy Measuring range: 1000 to 35000 ppm (with 3 m signal line) Electrode body diameter: 12 mm	
50932006	Temperature sensor	With 3 m cable	
51301007	ORP buffer solution	256 mV, 30 mL	
51301002 51301006	pH buffer solution pH 4 pH buffer solution pH 7	pH 4.0 and pH 7.0, 30 mL	
41401085	Probe holder	PVC transparent	
50903030	Flow switch	Normal open	
12001001	Holder	PVC	

# CyberSync Series Salt Chlorinator



For residential and semi-commercial pools

## INTELLIGENT WATER DISINFECTION SYSTEM

The CyberSync Salt Chlorinator marks a major upgrade. Its low-salt operation (1000 ppm) leverages advanced electrolyzer technology to deliver extremely soft water. Salt levels are so low they're almost imperceptible, significantly reducing skin, eye (especially for sensitive individuals), and hair irritation. Skin won't feel tight or sticky after swimming. It integrates seamlessly with the Smart Life app for real-time monitoring to ensure optimal water quality. This advanced IoT pool system improves maintenance efficiency with its modern, user-friendly interface and powerful protection programs designed for various operating environments.

### MAIN CONTROLLER

#### Large 4.3" LCD Touch Screen

- APP Control
- Winter mode
- Modern UX & UI
- Multi-Language
- Adjustable output

#### Multi-Device Control

- Pump
- Dosing
- Heating
- Lighting
- UV system
- Pool Cover



powered by



DOWNLOAD

THE APP **SMART LIFE**



# ROBUST TITANIUM CELL

## Transparent housing

- Gas Detector
- Easy Installation
- Durable Construction
- Self-Cleaning Function
- Integrated Safety Features



**LOW-SALT  
OPERATION**



**REAL-TIME  
ALERTS**



**APP REMOTE  
CONTROL**



**SEAMLESS  
INTEGRATION**

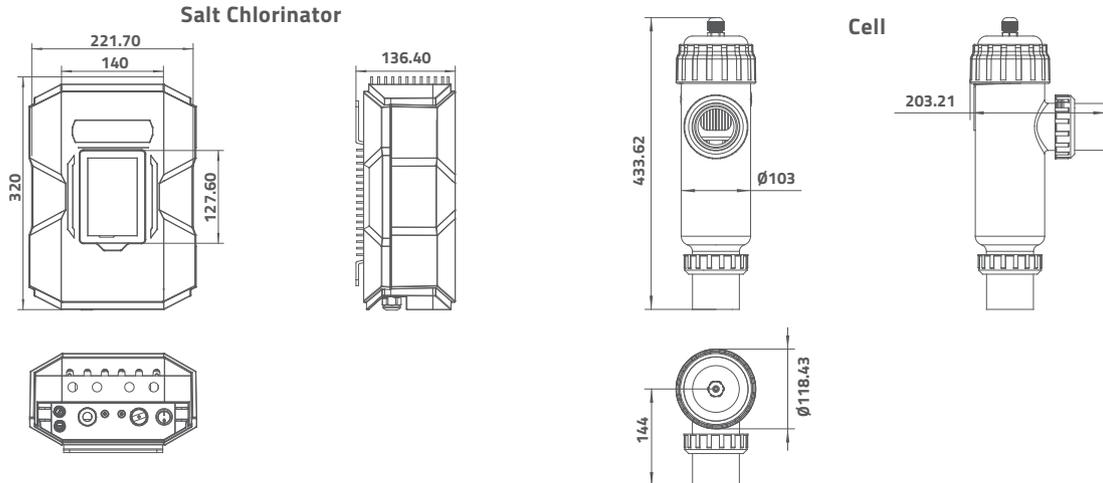
**CE CB SAA**  



**IPX4**

**RoHS  
COMPLIANT**

## Product Information and Dimension:



CyberSync Salt Chlorinator		Input Voltage/ Frequency	Salt Level (ppm)	Cell Output (gram/h)	Concrete Pool (m <sup>3</sup> )	Max Consumption	Rating	Function
Code	Model							
9130052	CS-20	110-240V 50/60 Hz	3000/1000	20/10	100/60	210W	IPX4	Salt Chlorinator
9130053	CS-30	110-240V 50/60 Hz	3000/1000	30/15	140/80	280W		
9130054	CS-40	110-240V 50/60 Hz	3000/1000	40/20	180/100	370W		

## Optional Accessories Specifications

Code	Product Name	Parameter	Photo
50903030	Flow switch	Normal open	
12001001	Holder	PVC	

# SSCone Salt Chlorinator

For residential and semi-commercial pools

## AUTOMATIC SALT CHLORINATOR WITH PH CONTROL & DOSING

Salt chlorinated pools are among the best to enjoy and offer comfortable bathing, but such systems tend to raise pH. The Emaux SSC-one takes the guesswork out of adding the chemicals: its dosing pump injects acid to automatically maintain the correct pH level, and its cell takes care of the chlorine production. Programmed automatically and using the best quality of salt, no harmful by-products are produced. One of the most technically advanced and user friendly salt water chlorinators on the market.

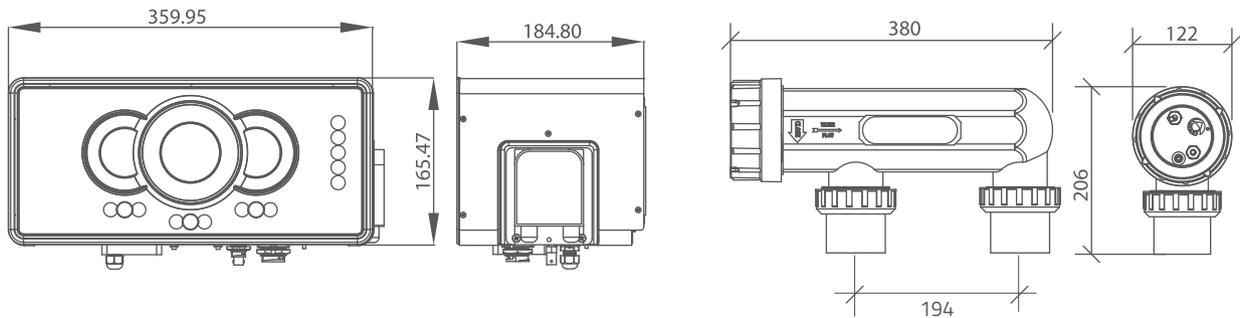


Titanium cell with 2 meters cable

### Product Features:

1. Timer for pump and programmable cell control.
2. Direct power function.
3. Boost button for super chlorination at 100% power for 24 hours.
4. Visual pH reading, and easy set-up.
5. Capacitive touch buttons control panel.
6. Switch reverse polarity at every 4 or 8 or 12 hours to minimise cell scaling depending on water hardness.
7. Fully automatic or manual operation.
8. Winter mode reduces power to 50%.

## Product Dimensions



## Technical Information

Code	Model	Input Voltage/ Frequency	Salt Level	Cell Output	Maximum Pool Size	Cell Connections
9130012	SSCone	220-240V / 50-60Hz	2500ppm	Up to 50gr/hr	Up to 150,000 Liters	1.5" / 50mm or 2" / 63mm

## One-Touch Multi-Functional Chlorinator

### ① A. INNOVATIVE TOUCH PANEL

- Intuitive and visual touch panel with LED indications

### B. INTELLIGENT ALERT

- No flow detection
- Low salt alarm
- Cell lifetime alarm
- High heat sink temperature alarm
- pH dosing error



### ② INTUITIVE MODES

- Automatic or manual mode
- Switch the polarity according to the water hardness
- Winter mode

### ③ POWER

- Visual and easy reading power output
- Control the chlorine production
- Boost button, sets the system in super chlorination, 100% power for 24 hours

### ④ TIME

- Easy and intuitive operating system
- Timer for pump and cell programming control
- Two different schedules per day

### ⑤ PH

- Visual pH reading, and easy set-up.
- Two different indications: current pH and set point
- Automatic control of the pH dosing pump

## Accessories



pH Probe



pH Buffer

# Superior SSC Series Salt Chlorinator

For residential and semi-commercial pools

## NEEDS MINIMUM MAINTENANCE

The Superior SSC represents a significant product upgrade that consolidates many years of design and user experience with salt chlorination. The power supply controller arrives in a fresh and modern design offering a more user-friendly interface together with advanced system protection programs to deal with a wide variety of operating environments. The Superior SSC is an ultimate robust and reliable salt chlorinator for residential pools and semi-commercial pools.

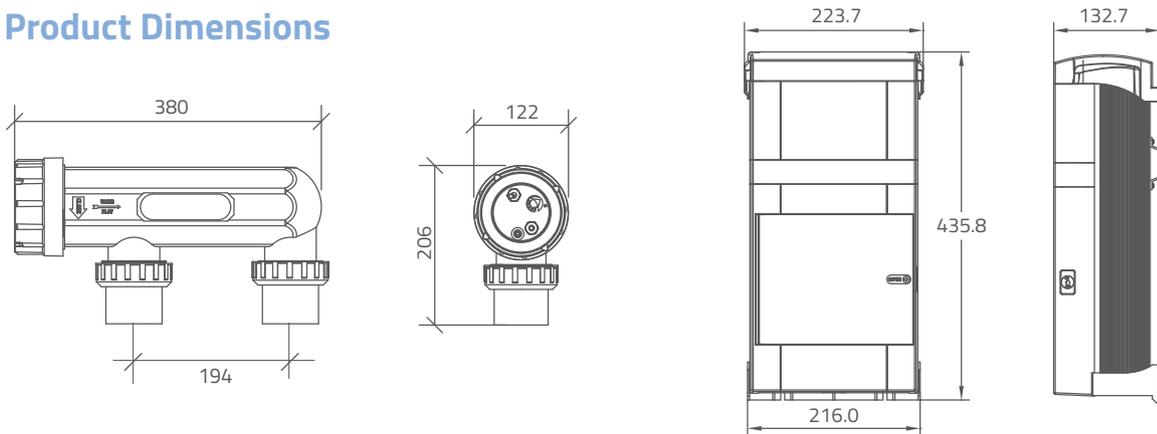


Titanium cell with 2 meters cable

### Product Features:

1. Three models for different pool sizes: 15, 25, 45g/hr
2. Improved user interface and system status indication
3. Adopts higher operation temperature with upgraded electronic components
4. Programmed for high-temperature protection to prevent system overheating due to high salt level or high ambient temperature
5. Monitors and controls cell output current to prevent overloading and temperature rise
6. Simple display of error messages for easy service:
  - Controller overheating
  - The thermal sensor cable is disconnected
  - AC line fault or fuse is broken.
7. Self-cleaning reverse polarity
8. Quality titanium cells
9. Models with time clock and/or pool light transformer is available

## Product Dimensions

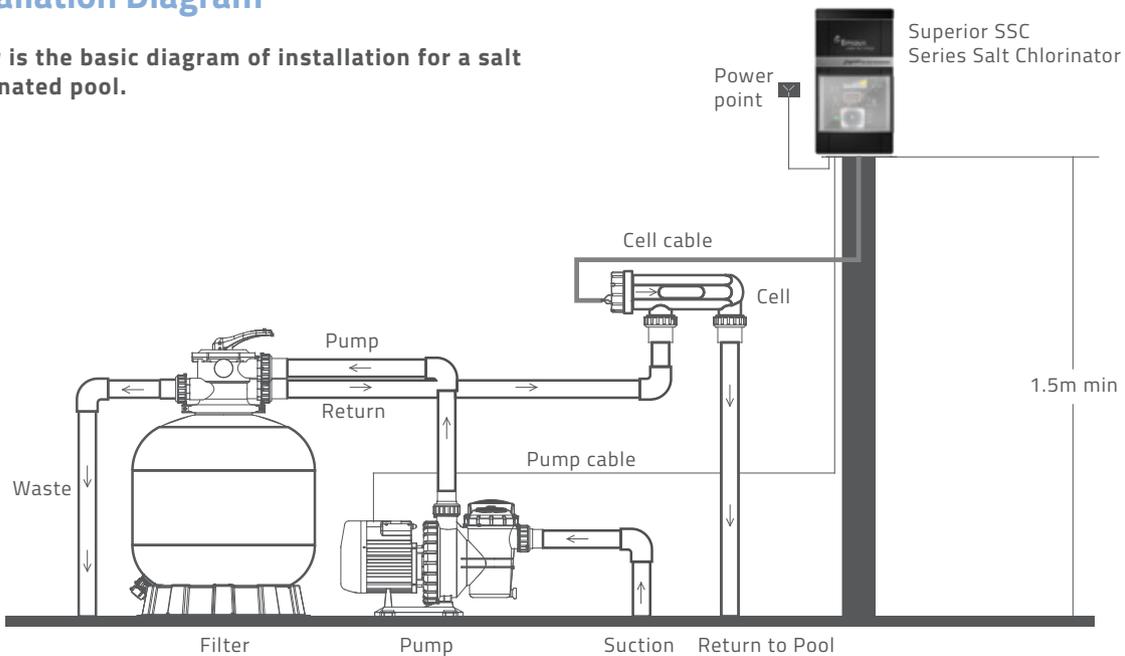


## Technical Information

Code 220V/50Hz	Model	Description	Salt Level (ppm)	Cell Output (gram/h)	Fiberglass Pool(L)	Concrete Pool(L)	Pool Light Voltage	Input Voltage /Freq	IP Rating
9130016	SUC15-E	Standard Version	3000-4000	15	50,000	45,000	N/A	240V 50/60Hz	IPX4
9130014	SUC25-E		3000-4000	25	75,000	70,000			
9130019	SUC50-E		4000-5000	45	120,000	110,000			
9130017	SUC15-T	With Time Clock	3000-4000	15	50,000	45,000	N/A	240V 50/60Hz	IPX4
9130015	SUC25-T		3000-4000	25	75,000	70,000			
9130020	SUC50-T		4000-5000	45	120,000	110,000			
9130018	SUC15-TLT	With Time Clock & Pool Light Transformer	3000-4000	15	50,000	45,000	12V AC	240V 50/60Hz	IPX4
9130013	SUC25-TLT		3000-4000	25	75,000	70,000			

## Installation Diagram

Below is the basic diagram of installation for a salt chlorinated pool.



# SSC Series Salt Chlorinator

For residential and semi-commercial pools

## VARIOUS MODELS FOR DIFFERENT SIZE OF POOL

Salt chlorination is a method of sanitizing swimming pools with chlorine generated by electrolysis. The electrolysis is achieved by passing the saltwater solution through a weak electric charge in an electrolytic cell, which converts sodium chloride (salt) in the water into chlorine gas. The gas is dissolved in the water and becomes sodium hypochlorite (liquid chlorine).



### Advantages

Safe and environmentally friendly:

**Relaxation:** Your pool is automatically disinfected

**Safety:** Significant reduction in the need to store and handle chlorine

**Health and well-being:** Saltwater does not irritate the eyes and dries out skin

### Technical Information

Code 220V/50Hz	Model	Description	Salt Level (ppm)	Cell Output (gram/h)	Fiberglass Pool (L)	Concrete Pool (L)	Pool Light Voltage	Input Voltage /Freq	IP Rating	Weight (kg)
9130001	SSC15-E			15	50,000	45,000				6.5
9130004	SSC25-E	Standard Version	4000	25	75,000	70,000	N/A	240V 50/60Hz	IPX4	7.4
9130007	SSC50-E			45	120,000	110,000				9.7
9130002	SSC15-T			15	50,000	45,000				6.6
9130005	SSC25-T	With Time Clock	4000	25	75,000	70,000	N/A	240V 50/60Hz	IPX4	7.5
9130008	SSC50-T			45	120,000	110,000				9.8
9130003	SSC15-TLT	With Time Clock		15	50,000	45,000	12V AC	240V	IPX4	8.4
9130006	SSC25-TLT	& Pool Light Transformer	4000	25	75,000	70,000		50/60Hz		8.8

# SSCmini & SSCmini - FW Salt Chlorinator NEW

For modest residential pools

## ENGINEERED FOR LOW SALT BUILT FOR EASE

The New SSC-mini-FW Series Salt Chlorinators provide effortless, low-salt chlorination for residential pools. Choose the SSCmini-FW for pools up to 50,000 liters or the SSC-mini for pools up to 90,000 liters. Both models are designed for ease, featuring an intuitive interface and premium components that guarantee simple setup and smooth operation. Enjoy virtually maintenance-free water clarity and discover unbeatable value.



### Features:

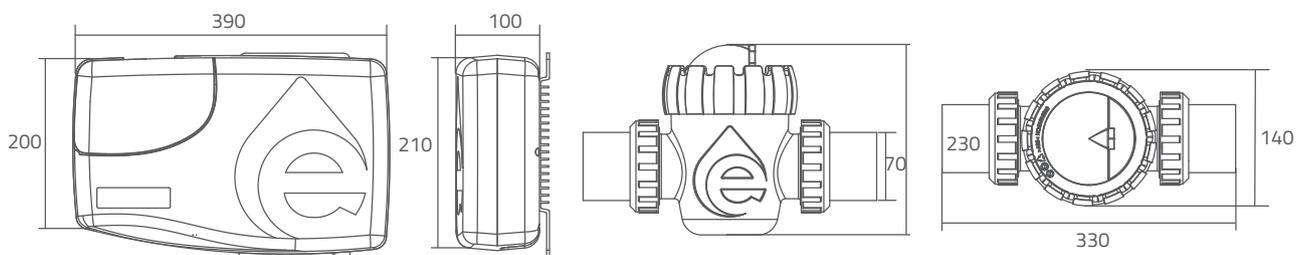
1. Easy to install, maintain and replace
2. Minimum piping modifications for existing installations
3. Maximum working pressure: 2.5 bar
4. Long cell lifetime and economical spare parts available
5. Perfectly suited for magnesium salted pools
6. Affordable spare part
7. Low Salt (SSCmini-FW)

### Cell composition:

1. Titanium plates for a maximum chlorine production of 15 gram/h (SSCmini-FW) and 20 gram/h (SSCmini)
2. Self-cleaning reverse polarity
3. Water flow and temperature sensors
4. Translucent casing with connections for 50 mm / 1 1/2" or 63 mm / 2" pipes



### Product Information



Code	Model	Input Voltage/ Frequency	Salt Level	Cell Output	Maximum Pool Size	Cell Connections
9130011	SSCmini	220-240V / 50-60Hz	4000ppm	20gr/hr	90,000 Liters	1.5" / 50mm or 2" / 63mm
90130065	SSCmini-FW	220-240V / 50-60Hz	1000-2400ppm	15gr/hr	50,000 Liters	1.5" / 50mm or 2" / 63mm

# SSCnano+ Salt Chlorinator



For Above and Inground Pool

## COMPACT DESIGN & SUPERIOR CHLORINATION

The SSCnano+ is an innovative in-line salt chlorinator that seamlessly synchronizes with the pump. Offering 12 chlorine production modes, it provides complete control over the chlorination process. Integrated features like a water flow switch, salinity monitoring, and water temperature tracking enable responsive pool management.

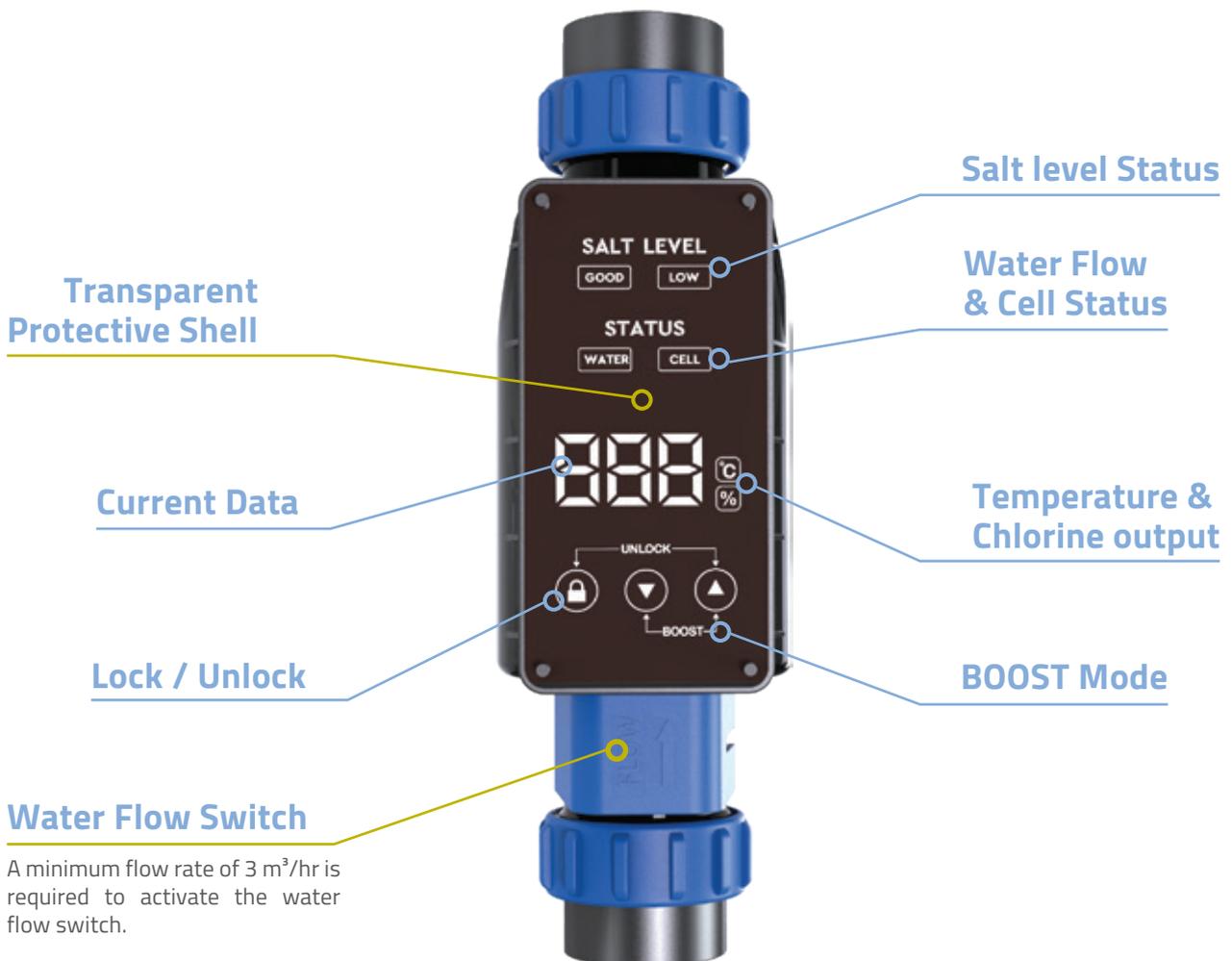
Its innovative technology also includes a cell run-time meter. Enjoy the benefits of long cell life and reduced chemical usage, thanks to its efficient and environmentally friendly design. Compact and user-friendly, the SSCnano+ revolutionizes chlorine generation.



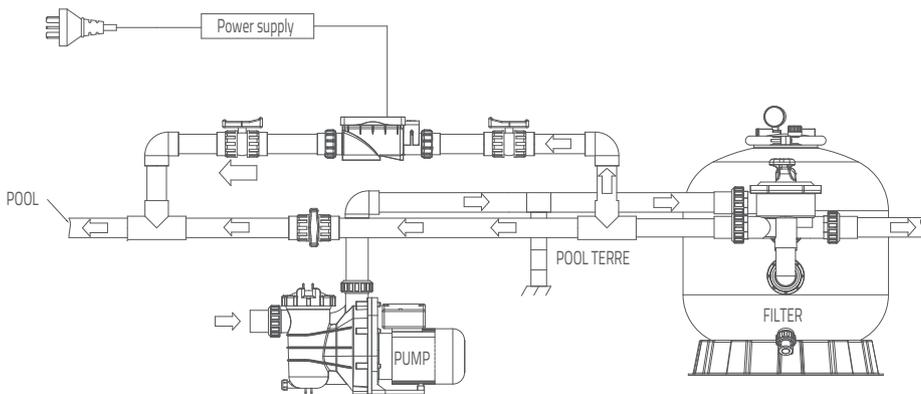
CE IPX4

### Product Feature:

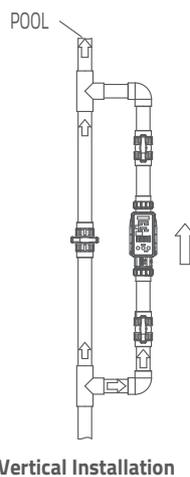
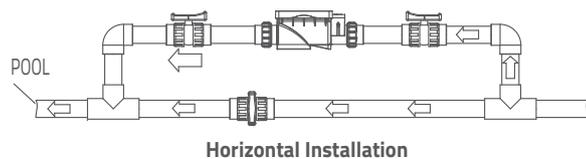
- Auto self cleaning reverse polarity
- Cell run-time meter
- Temperature sensor
- ON/OFF operation
- Water flow switch



## Installation Diagram



### 2 installation methods:



Material

PC / ABS

Operation Voltage

110 V - 240 V

Max. pool volume

100 m<sup>3</sup> - 180 m<sup>3</sup>

Salt Level

2,800 to 4,500 ppm

Working Temperature

10 - 45 °C

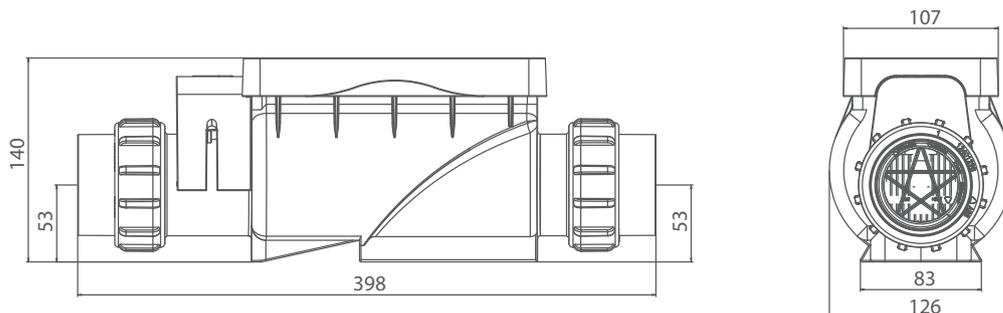
Waterproof Standard

IPX4

### Accessories & Power Supply:



## Product Information



Code	Model	Input Voltage/ Frequency	Salt Level	Cell production rate	Maximum working pressure	Cell Connections	Working Temperature	Max. Pool Volume
9130059	SSCnano+20	110 - 240 V/ 50-60 Hz	2,800 to	20g/hr	2.5 bar	2"/63mm	10-45 °C	100m <sup>3</sup>
9130060	SSCnano+30		4,500	30g/hr				140m <sup>3</sup>
9130061	SSCnano+40		ppm	40g/hr				180m <sup>3</sup>

# SSCnano Salt Chlorinator

For Above and Inground Pool

## COMPACT AND SIMPLE INSTALLATION

Emaux SSCnano is simple to install, with basic plumbing and electrical connections, you can have the system up and running in no time. It is compact and easily fits for pool and spa. Compact design makes it can easily fit into tight spaces without compromising its functionality. The control is designed to be user-friendly, making it easy to set up and operate, allows you to adjust the chlorine production according to your specific needs. You can tailor the chlorine output to maintain the desired sanitization level for your pool or spa.

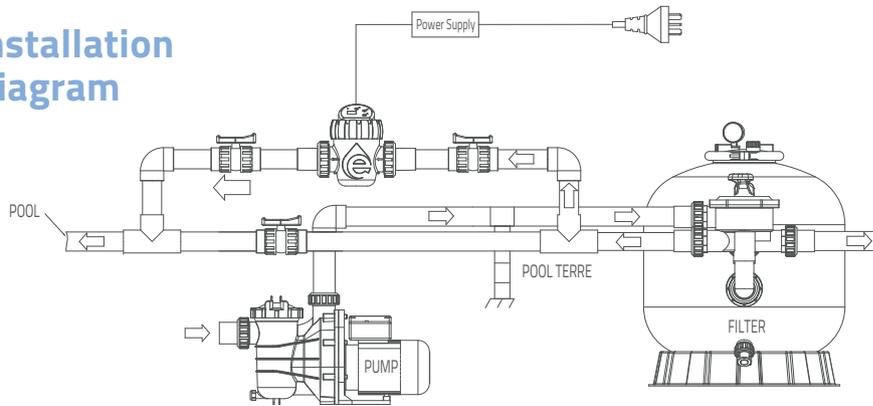
CE IPX4

### Product Feature:

- ON/OFF operation
- Water flow switch
- Auto self cleaning reverse polarity
- Temperature sensor
- Long cell life



## Installation Diagram



Material  
PMMA / ABS

Operation Voltage  
110 V - 240 V

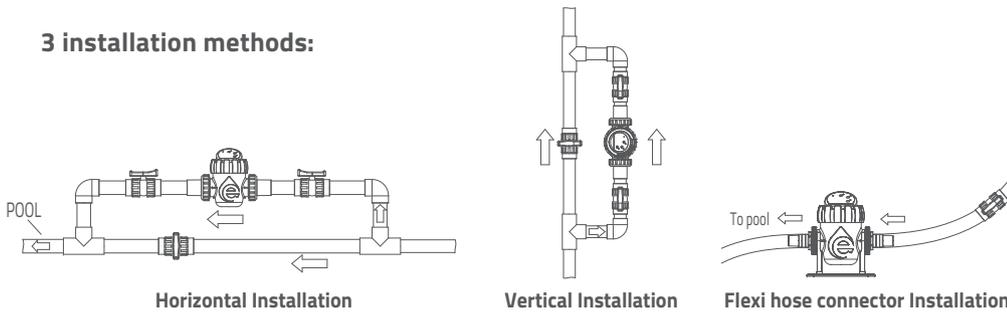
Max. pool volume  
20 m<sup>3</sup> - 50 m<sup>3</sup>

Salt Level  
3500 ppm

Working Temperature  
10 - 45 °C

Waterproof Standard  
IPX4

### 3 installation methods:



Horizontal Installation

Vertical Installation

Flexi hose connector Installation

## Accessories & Power Supply:



50mm (1 1/2") union

32mm (1 1/4") &  
38mm (1 1/2")  
Flexi hose connector

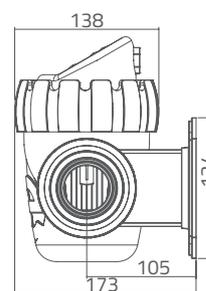
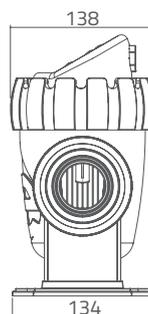
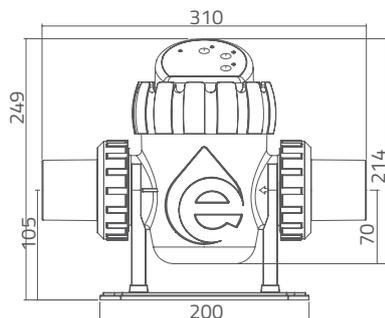


Mounting stand



Switch mode  
power supply

## Product Information



Code	Model	Input Voltage/ Frequency	Salt Level	Cell production rate	Maximum working pressure	Cell Connections	Working Temperature	Min. Flow	Max. Pool Volume
9130045	SSCnano4			4 g/hr		1.5" / 50mm			20 m <sup>3</sup>
9130046	SSCnano6	110 - 240 V	3500	6 g/hr	2.5 bar	and 32mm	10-45 °C	3 m <sup>3</sup> /hr	30 m <sup>3</sup>
9130047	SSCnano8	/ 50-60 Hz	ppm	8 g/hr		& 38mm			40 m <sup>3</sup>
9130048	SSCnano10			10 g/hr		union			50 m <sup>3</sup>

# Ozo-Plus Ozone Generator

For pools & spas, water features, and biological filtration

## STRONGEST DISINFECTANT AND OXIDISING AGENT

The Ozo-Plus is a very effective water disinfection and sanitation system, up to 3,000 times more powerful as a germicide than chlorine. Ozone not only can almost 100% kill of all bacteria, virus, and fungus in 0.05ppm without toxic residues, but also enhances the effectiveness of sand filter filtration to a crystal-clear water through direct oxidization and decomposition of organic waste. Ozone kills bacterial within 1-10 seconds by oxidative burst occurs over the cell wall during contact and cells die.

CE



Ozone Generator



Air Dryer

### System Features:

1. Simple to install and easy to operate
2. Compact design suitable for installation in limited plant room space.

### Advantages of using ozone in pool:

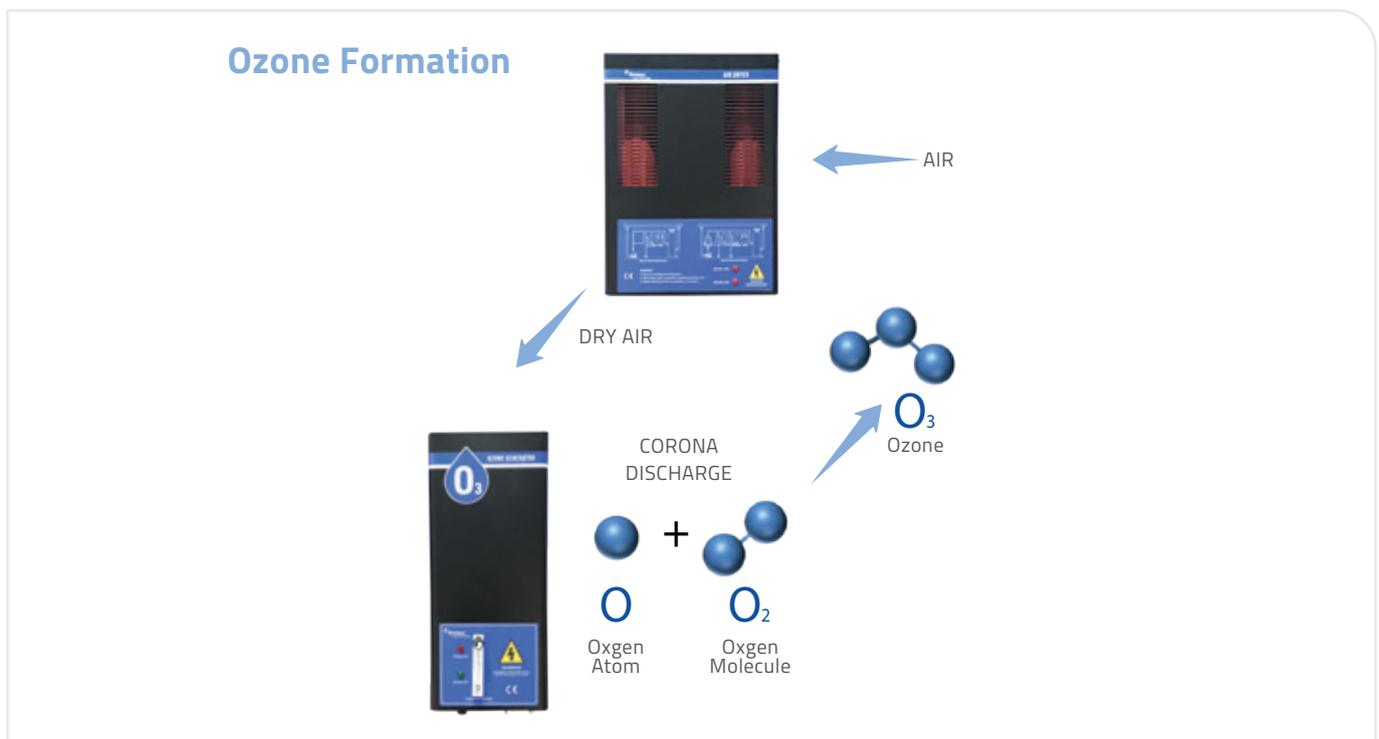
1. Reduces the use of chlorine or bromine by up to 90%
2. Highly effective against chlorine resistant pathogens, such as cryptosporidium & giardia
3. Reduces skin and eye irritation
4. Very low trihalomethanes levels
5. By flocculation effect, water clarity is significantly improved

## How it works

The system consists of a corona discharge ozone generator and an automatic air dryer unit which can be used in combination to give ozone outputs from 4 – 8 g/h.

Ozone is produced when the air is passed over a ceramic dielectric ozone generating module containing a stainless steel electrode. The module is powered by a high voltage / high- frequency power board. Ozone is injected through a water-driven venturi, which ensures maximum safety against ozone gas leakage.

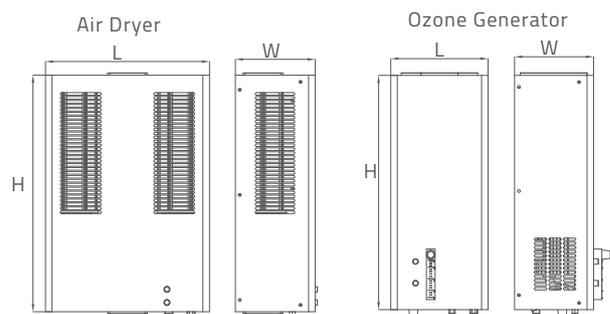
The air dryer unit contains twin desiccant dryer columns which are automatically heat regenerated controlled by a programmable relay system. When the air dryer system is used, the normal output of the generators is doubled.



## Product Dimensions and Materials

1. Ozone Generator: mild steel epoxy coated cabinet
2. Cell: Ceramic Tube and 316SS Electrode
3. Air Dryer: mild steel epoxy coated cabinet
4. Dual desiccant array is designed to create negative pressure which is regenerated during heat exchange automatically

Ozone Plus Model	L x W x H	
	mm	inch
Ozone Generator	260 x 180 x 540	9 x 7.1 x 21.3
Air Dryer	390 x 180 x 540	15.4 x 7.1 x 21.3



**Accessories:**  
Degassing system

## Product Information

Code	System Model	Ozone Generator Unit	Air Dryer Unit	Ozone Output (g/h)	Air Flow (l/m)	Ozone Concentration (mg/l)	Maximum Pool Volume (m <sup>3</sup> )
931135798	OZG-4G	1	1	4	10-15	3.5-4.5	200
931135799	OZG-8G	2	1	8	25-30	3.5-4.5	400

# Sacrificial Anode Shield

For pool and spa

## PREVENT ELECTROLYTIC CORROSION OF POOL METAL

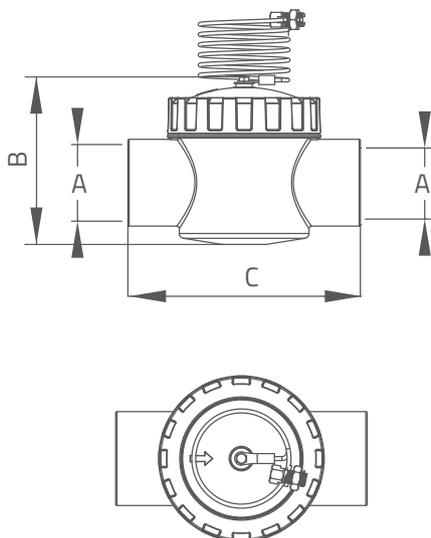
A zinc sacrificial anode provides a shield that protects bathers from the risk of electric shock, especially in fiberglass pools that lack metal bonding.

Equally, when saltwater chlorinator disinfection systems are used, it prevents electrolytic corrosion of metal pool parts such as stainless steel ladders, heat pump, heat exchangers, UV-C stainless steel casing, stainless steel lighting niches, and face rings, aluminum pump motor housings, and salt chlorinator titanium cell plates.



### Main Features:

1. Easy installation design by adding inline to existing 63mm/2" piping system
2. Excellent electric shock prevention in fiberglass pools
3. 4 Bar working pressure
4. Long life pure zinc alloy anode
5. 1m 8 AWG solid copper wire and transparent lid for inspection

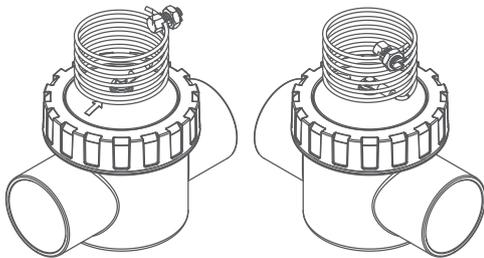


### Product Information

Code	Model	Housing Material	Connection	A (mm)	B (mm)	C (mm)
91602701	DF50-1(E)	ABS & PVC	63mm	φ63	129	190
91602702	DF50-1(A)	ABS & PVC	2"	φ60	129	190

## How it works

1. Sacrificial Anode Shield is designed to prevent other metals from eroding. This inline zinc anode is already secured in a PVC TEE ready for installation.
2. Once installed, the sacrificial anode will be consumed, instead of erosion / corrosion to other metal components surrounding the pool such as aluminum, stainless steel, cast iron, copper, and titanium.
3. The Sacrificial Anode Shield is tied into the pool bonding wire to protect the entire pool.
4. The anode should be replaced after half of it has been eroded, typically in about three years.



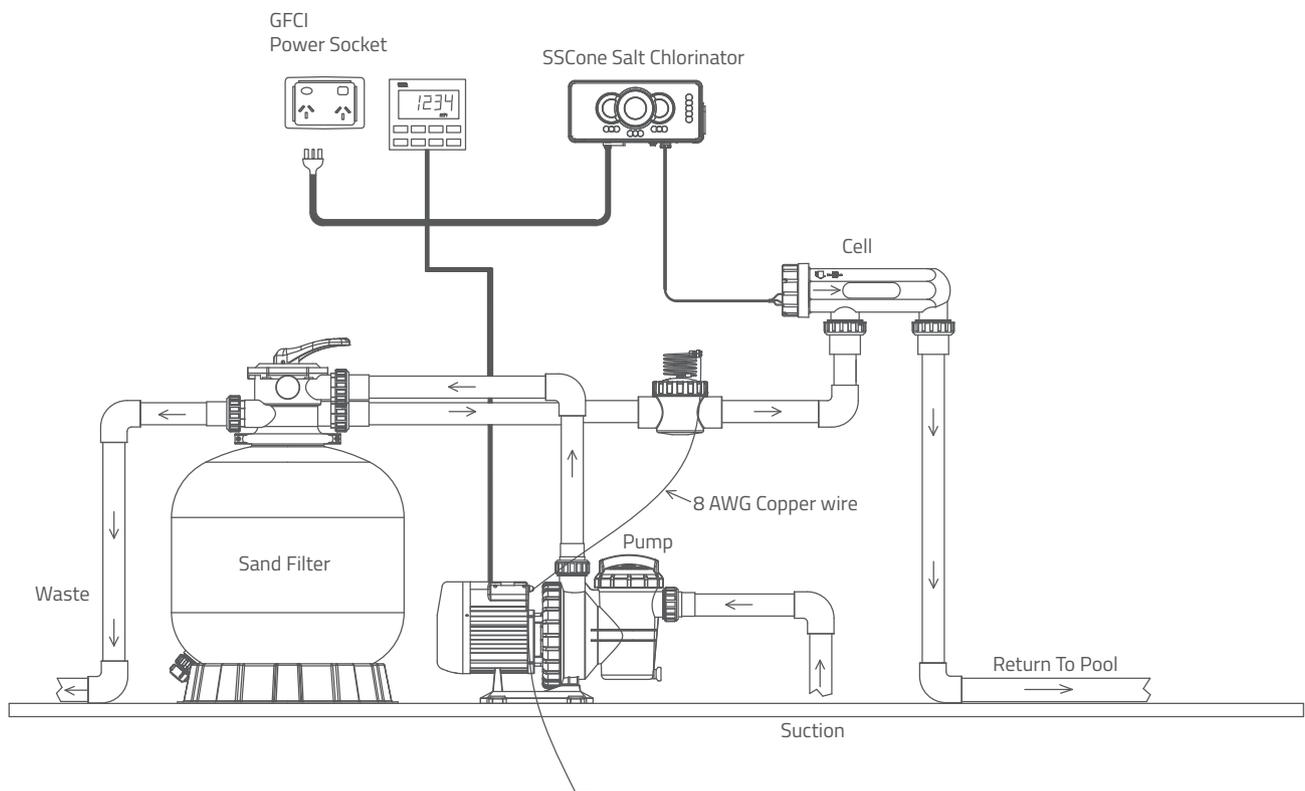
## How to install

1. Cut pipe to size of the "TEE" shape shield
2. Glue "TEE" into pipe
3. Connect Copper wire to existing pump ground using split connector



## Typical installation and location

The best location for installation of the shield is in the water pipe after the filter and before a pool heater, that would put it before the salt cell. Without a heater, the shield should be put after the filter and before the cell.



# Nano Tech UV-C Disinfection System

For above-ground and residential pools water disinfection

## 4 models of Nano Tech Series:



NanoTech UV-C Standard



NanoTech UV-C Timer



NanoTech UV-C  
With Amalgam Lamps and Flow Switch



NanoTech UV-C Ozone

### 1. NanoTech UV-C Standard

A non-chemical approach to water sanitization, precise and compact design, top performance.

### 2. NanoTech UV-C Timer

Standard model with a built-in timer to monitor UV lamp operating hours.

### 3. NanoTech UV-C With Amalgam Lamps and Flow Switch

The amalgam lamp offers virtually constant disinfection performance by its resistance to temperature fluctuations. A flow switch is included to cut off the power when overheating.

### 4. NanoTech UV-C Ozone

Enhance disinfection performance by combining UV-C technology with ozone production.

## NanoTech UV-C ADVANTAGES

### 1. USER-FRIENDLY

Easy installation and maintenance. The optional timer can control the running operation hours

### 2. STRONG AND DURABLE

Robust housing in AISI 2205 Stainless Steel for anti-corrosion long life. Professional quality UV lamp offers a life time over 9,000 (to 12,000) hours.

### 3. HIGH EFFICIENCY

The mirror-polished interior of the housing increases the UV reflection rate and thus enhances the work efficiency by up to 35%.

### 4. HIGH TRANSMISSION

High-quality quartz sleeve ensures nearly 100% transmission of UV-C at 254nm. It offers protection against air and water flow, breakage, and temperature fluctuations.

Robust  
Housing

Mirror-  
Polished  
Interior

Quartz  
Sleeve

### 5. ENVIRONMENTAL-FRIENDLY

It reduces the chlorine consumption of up to 70%. Also water renewal is reduced due to fewer by-products formed

### 6. BETTER PROTECTION

The disinfected water is free of unpleasant smells and does not irritate the eyes, because of the significant reduction the number of chloramines. No risk of allergies, and your pool is protected against pathogenic organisms and algae.



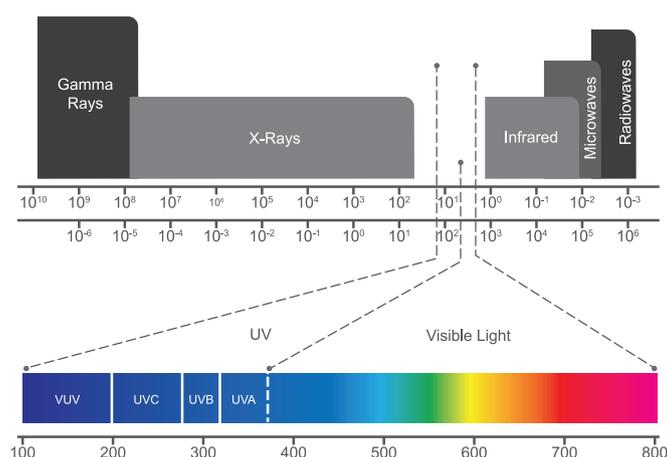
SAA

## Advantages of using UV-C for water disinfection

At a wavelength of 253.7nm, UV-C light is a very powerful germicide. It deactivates the DNA of bacteria, viruses and other pathogens, destroying their ability to multiply and cause disease.

Ultraviolet technology is a non-chemical approach to pool disinfection. In this method of disinfection, nothing is added which makes this process simple, inexpensive and requiring very low maintenance.

UV-C light is become increasingly favoured by the pool industry for its ability to break down and remove chloramines, which cause eye, skin and nose irritation, and breathing difficulties.



## Nano Tech UV-C Standard

These UV systems combine all the benefits listed above in a very compact design. Another advantage is that the lamps are single ended and can be easily replaced.

### Main Applications:

1. Residential swimming pools
2. Fish ponds
3. Drinking water



Code 230V	Code 120V	Model	Max.Flow Rate (m <sup>3</sup> /h)	Pool Vol (m <sup>3</sup> )	Input Power	Max. Pressure	Connections	Electric Ballast	Max. Current (A)	UV Lamp lifetime (hr.)
9130401	9130415	NT-UV16	7	15	16W	3 bar	1.5"/50mm or 2"/63mm	120-240V AC 50-60Hz	0.29	9,000
9130402	9130409	NT-UV40	20	40	40W	3 bar	1.5"/50mm or 2"/63mm	120-240V AC 50-60Hz	0.29	9,000
9130404	9130414	NT-UV75	25	75	75W	3 bar	1.5"/50mm or 2"/63mm	120-240V AC 50-60Hz	0.57	9,000



## Nano Tech UV-C Timer

Emaux Nano Tech UV-C Timer includes an integrated TIMER which accurately monitors the operating hours of the UV-C lamp. You will be reminded when the lamp must be replaced.

### Advantages of built-in timer

1. User-friendly control pad with time clock digital display
2. Built-in adjustable timer for the UV-C lamp
3. Digital alert when the lamp needs replacing

Note : "T" stands for Timer

Code 230V	Code 120V	Model	Max.Flow Rate (m <sup>3</sup> /h)	Pool Vol (m <sup>3</sup> )	Input Power	Max. Pressure	Connections	Electric Ballast	Max. Current (A)	UV Lamp lifetime (hr.)
9130403	9130411	NT-UV40-T	20	40	40W	3 bar	1.5"/50mm or 2"/63mm	120-240V AC	0.44(120V) 0.2(240V)	9,000
9130405	9130410	NT-UV75-T	25	75	75W	3 bar	1.5"/50mm or 2"/63mm	120-240V AC	0.82(120V) 0.38(240V)	9,000

## Nano Tech UV-C With Amalgam Lamps and Flow Switch

Operating between low and medium pressure UV applications, NanoTech amalgam achieves a high relative power density operating in a broad temperature range. The amalgam version includes a flow switch which will cut-off the lamp power to protect the system from over-heating when the water flow is lower than required. Due to a special coating technology, NanoTech guarantees a continued performance of 85% after 12,000 hours operating in a broad temperature range. A timer version is available as an option.

### Main Applications

1. Drinking water system
2. Waste water system
3. Process water treatment unit
4. Swimming pool & spa

Note : "F" stands for Flowswitch, "T" stands for Timer

Code 230V	Model	Max.Flow Rate (m <sup>3</sup> /h)	Pool Vol (m <sup>3</sup> )	Input Power	Max. Pressure	Connections	Electric Ballast	Max. Current (A)	UV Lamp lifetime (hr.)
9130407	NT-UV130F	30	130	130W	3 bar	1.5"/50mm or 2"/63mm	240V AC	0.95	12,000
9130408	NT-UV130TF	30	130	130W	3 bar	1.5"/50mm or 2"/63mm	240V AC	0.95	12,000



# Nano Tech UV-C Ozone

Emaux Nano Tech UV-C Ozone combines UV-C technology with ozone production ensuring fresh and healthy pool water with the minimum use of chlorine.

## Advantages

1. Built-in electronic pre-selector ensure a smooth power supply
2. Up to 35% more UV-C yield as a result of reflection
3. Reduces use of chlorine by up to 80%
4. Ozone UV-C lamp life 12,000 hours
5. Built-in timer for the UV-C lamp
6. Digital alert when the lamp needs replacing

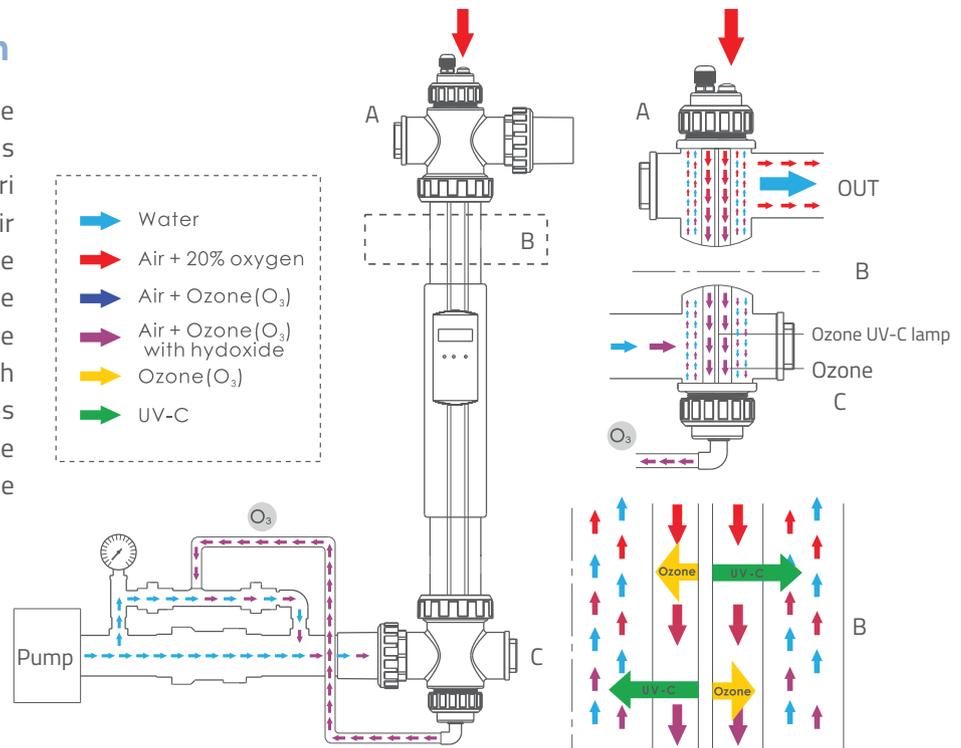


Note : 'O' stands for Ozone, "T" stands for Timer

Code 230V	Model	Max Flow Rate (m <sup>3</sup> /h)	Pool Vol (m <sup>3</sup> )	Input Power	Maximum Pressure	Cell Connections	Electric Ballast	Max Current (A)	Ozone UV-C Lamp lifetime (hr.)
9130406	NT-UV87-TO	25	90	87W	3 bar	1.5"/50mm or 2"/63mm	240V AC 50-60Hz	0.5	12,000

## UV-C Ozone Operation

The water is pumped into the unit through the reactor. Air is drawn through the venturi system into the unit via the air injector and flows through the quartz glass and the ozone UV-C lamp. The air enters the lamp and is charged with ozone molecules, then passes through the ball valve to be mixed with the water in the reactor.



# Nano Tech MPUV Disinfection System

For commercial water disinfection and chloramine reduction

## LOW COST HIGH UV EFFICIENCY

The NT-MPUV series of medium pressure ultraviolet units is designed for easy installation. The system provides a cost effective solution for disinfection and chloramine reduction in commercial pools.

Medium pressure UV systems are highly effective against highly infectious *Cryptosporidium parvum* and *Giardia lamblia* species which can exist in swimming pool water. These are virtually unaffected by the levels of chlorine used to sanitise swimming pools. As a direct result of its interaction with pollutants, the chlorine in a pool produces chloramines which cause eye and skin irritation and unpleasant odours.

Medium pressure UV systems reduce the side effects and produce a vastly improved water quality and atmospheric environment.



### Main Features:

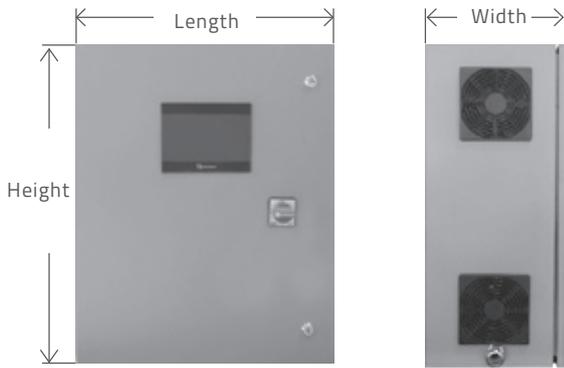
1. Substantial reduction in chloramines
2. Medium pressure UV lamps for maximum oxidation
3. Microprocessor control with data logging
4. Connects to building management systems
5. Automatic "Smartdrive" wiper system as standard
6. Simple lamp replacement
7. 316 L Stainless steel reactor vessel

### Main Characteristics:

1. Easy to install with in-line vessel design
2. Higher UV efficiency
3. Typical UVT is 90% at 60 mJ/cm<sup>2</sup>
4. Lower power consumption

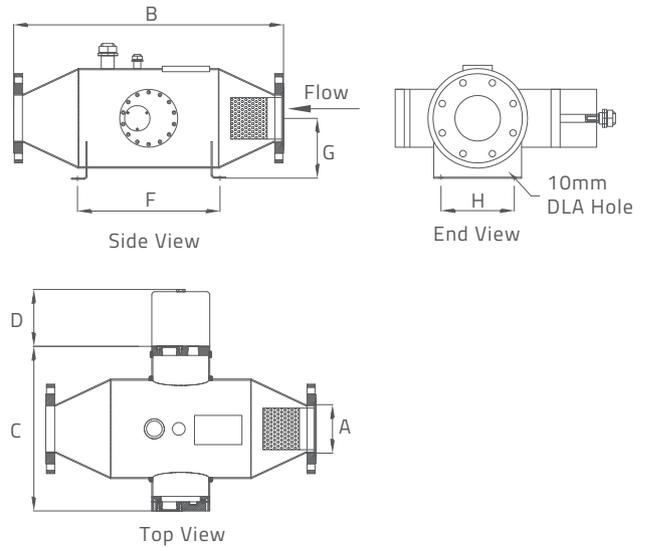
## Technical Information and Dimensions

### Controller

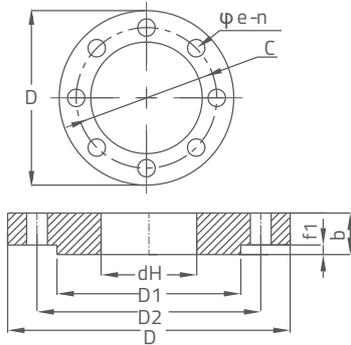


Note: UV intensity mJ/cm<sup>2</sup> requires a 4-20mA signal from a water flow rate measuring device (not supplied)

### Reactor



### Flange



DN	Model	D (mm)	D2 (mm)	$\varphi e-n$	Bolt Specification	D1 (mm)	dH (mm)	f1 (mm)	b (mm)
DN80	3"	200	160	18-8	M16	132	90.5	2	20
DN100	4"	220	180	19-8	M16	156	116	2	22
DN150	6"	285	240	22-8	M20	211	170.5	2	24
DN200	8"	340	295	22-8	M20	266	221.5	2	24
DN250	10"	395	350	22-12	M20	319	276.5	2	26

HG-20592 PN 1.0 Mpa Standard flange size

\*Supply rating must be specified with order

Code	Model	Connection	Flow Rate		Lamp Power (kW)	Supply Rating (V/ph/Hz)	Control Panel Dimension mm (LxWxH)	Reactor Dimensions (mm/inch)						
			m <sup>3</sup> /h	US gpm				A	B	C	D	F	G	H
931135873(220V)	NT-MPUV40	DN80	40	175	1.0	200-240/1/50-60	600x300x600	80/3.0	740/29.1	422/16.6	195/7.7	300/11.8	200/7.9	170/6.7
931137883(380V)														
931135874(220V)	NT-MPUV60	DN100	60	264	1.5	200-240/1/50-60	600x300x700	100/4.0	740/29.1	422/16.6	195/7.7	300/11.8	200/7.9	170/6.7
931137884(380V)														
931135875(220V)	NT-MPUV105	DN150	105	460	2.0	200-240/1/50-60	600x300x700	150/6.0	800/31.5	422/16.6	195/7.7	400/15.7	200/7.9	170/6.7
931137885(380V)														
931135876(220V)	NT-MPUV145	DN150	145	640	2.5	200-240/1/50-60	600x300x700	150/6.0	820/32.3	585/23	195/7.7	400/15.7	275/10.8	250/9.8
931137886(380V)														
931135877(220V)	NT-MPUV170	DN150	170	750	3.0	200-240/1/50-60	600x300x700	150/6.0	820/32.3	585/23	195/7.7	400/15.7	275/10.8	250/9.8
931137887(380V)														
931135878(220V)	NT-MPUV220	DN200	220	970	2x2.0=4.0	200-240/1/50-60	700x300x1100	200/8.0	890/35.0	422/16.6	195/7.7	450/17.7	225/8.8	250/9.8
931137821(380V)														
931135879(220V)	NT-MPUV300	DN200	300	1320	2x2.5=5.0	200-240/1/50-60	700x300x1100	200/8.0	890/35.0	585/23	195/7.7	450/17.7	275/10.8	330/13
931137822(380V)														
931135880(220V)	NT-MPUV355	DN250	355	1560	2x3.0=6.0	200-240/1/50-60	700x300x1100	250/10.0	890/35.0	585/23	195/7.7	450/17.7	275/10.8	330/13
931137823(380V)														
931135881(220V)	NT-MPUV415	DN250	415	1825	2x3.5=7.0	200-240/1/50-60	700x300x1100	250/10.0	890/35.0	585/23	195/7.7	450/17.7	275/10.8	330/13
931137824(380V)														

# MEDIUM-PRESSURE (MP) AND LOW-PRESSURE (LP) UV LAMP

A medium-pressure (MP) UV lamp (400w-10000W) has higher sterilization efficiency and shorter sterilization time than a low-pressure (LP) lamp (below 320W).

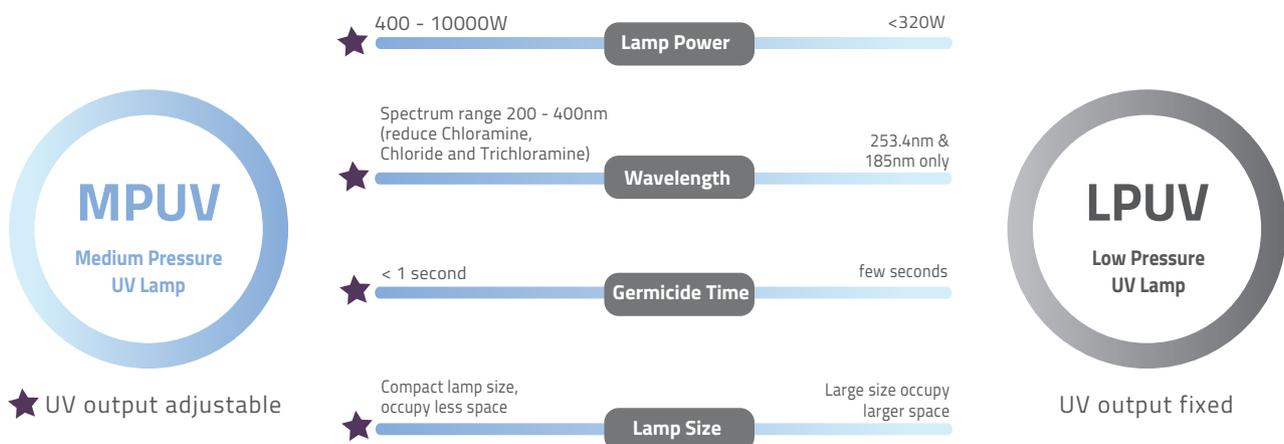
MPUV lamp has wider wavelengths, illumination in the range of 200–400 nm, and is effective for the removal of bacteria, viruses, chloramines, chlorides, and trichloramine. So they are suitable for use in public swimming pools. The low-pressure UV lamp can only emit a single wavelength at 254 nm, limiting the field of use.

Also, the MPUV lamp greatly reduces the size of the UV reactor and the number of UV lamps used, so the volume is relatively small. In contrast, low-pressure (LP) UV lamps are longer in size as wattage increases, so a slightly higher power low-pressure UV system needs more place.

The control system of the MPUV lamp can automatically adjust the energy of the UV output, while that of the LPUV lamp cannot.

## MP vs LP UV Lamp Comparison

MPUV lamp has wider wavelengths, illumination in the range of 200–400 nm, and is effective for the removal of bacteria, viruses, chloramines, chlorides, and trichloramine



# FOS Series UV-C Disinfection System

For fish ponds and aquaculture

## ACHIEVE UP TO 98% STERILIZATION RATE

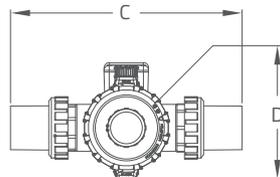
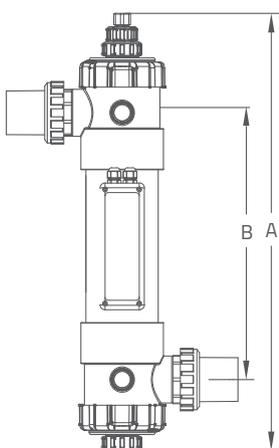
FOS series UV-C disinfection system effectively destroys bacteria and other microbes that pass through the ultra-violet illuminated tube resulting in bacteria-free and purified water for your fish pond.



1. High-quality UV-C lamp achieves up to 98% sterilization rate
2. Long-life UV-C lamp has a long lifespan over 10,000 hours
3. High-quality quartz tube provides more than 99% transmittance rate

### Product Features:

1. Adjustable brackets for easy and flexible installation
2. Available in 50Hz or 60Hz with 220V
3. Four models 15W, 25W, 30W and 55W for fish pond volumes up to 14m<sup>3</sup>

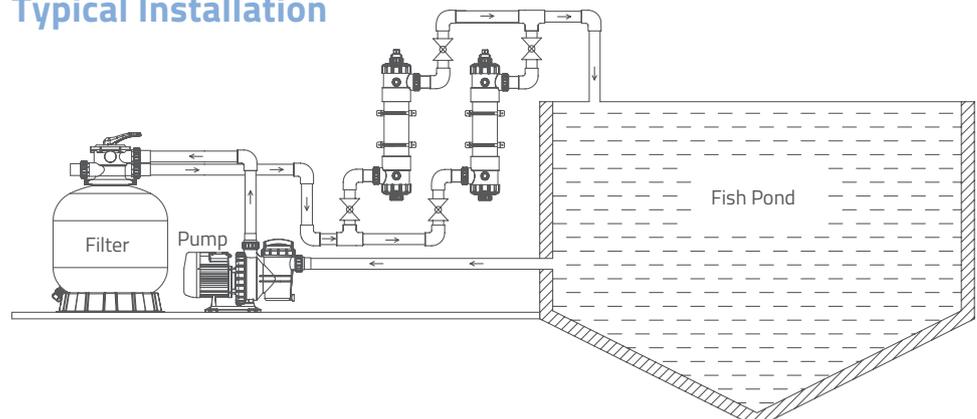


### Product Information

Code	Model	Flow rate (m <sup>3</sup> /h)	Fish Pond (m <sup>3</sup> )	Input Power (W)	Connection
9130301	FOS-UV-5T	4	5	15	1.5" / 50mm or 2" / 63mm
9130302	FOS-UV-7T	6	7	25	1.5" / 50mm or 2" / 63mm
9130303	FOS-UV-8T	8	8	30	1.5" / 50mm or 2" / 63mm
9130304	FOS-UV-14T	10	14	55	1.5" / 50mm or 2" / 63mm

Model	A (mm)	B (mm)	C (mm)	D (mm)
FOS-UV-5T	694	431	365	166
FOS-UV-7T	694	431	365	166
FOS-UV-8T	1144	881	365	166
FOS-UV-14T	1144	881	365	166

### Typical Installation

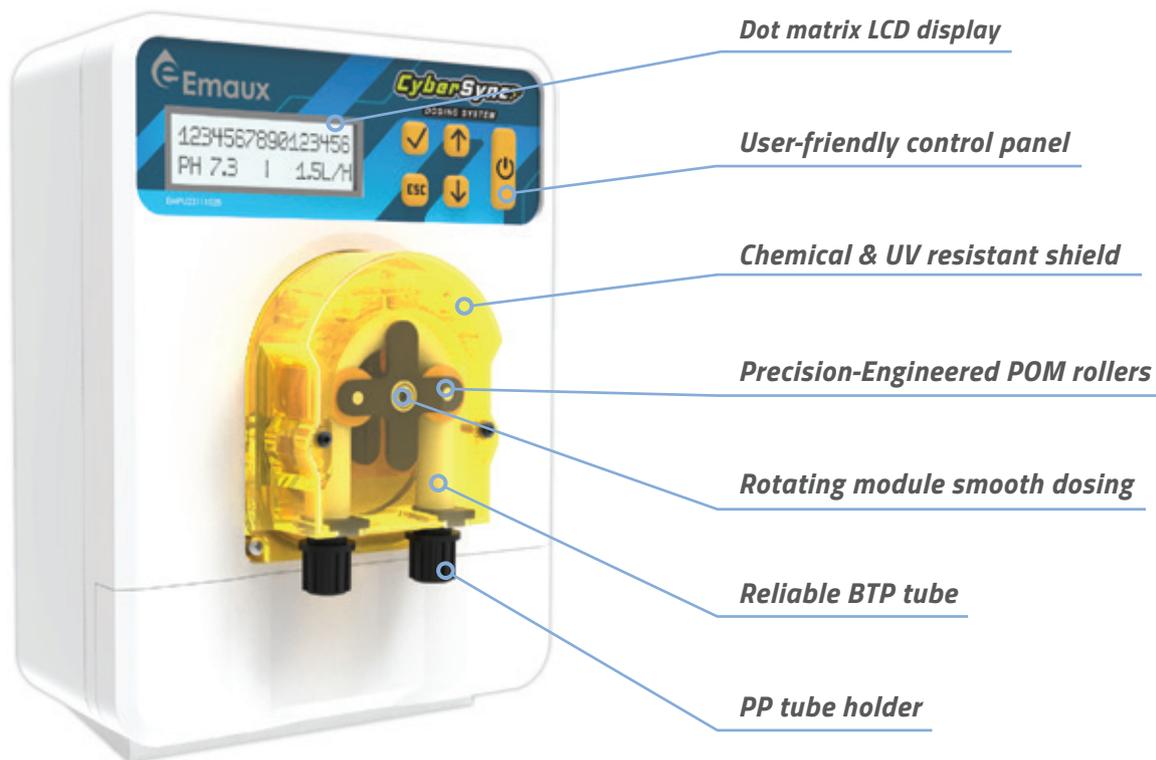


# CyberSync Series Dosing System

For measurement of the PH, Redox / ORP value

## ACCURATE AND RELIABLE

The Emaux "CyberSync" Peristaltic Dosing Pump series is indeed a groundbreaking addition to pool maintenance technology. Designed for swimming pools ranging from 30m<sup>2</sup> to 150m<sup>2</sup>, it offers three versions: Core-Pro, Core-Plus, and Core, with five different models to cater to various needs. Utilizing peristaltic technology, these pumps ensure precise and reliable dosing, keeping pools balanced and sanitized. The user-friendly control panel, chemical-resistant BTP tube, and durable shield enhance its dependability. Additionally, its wide voltage range (110V to 240V) simplifies installation across different electrical systems, making it an excellent choice for maintaining a crystal-clear pool.



CE CB SAA   IPX4 

### Technical Overview:

#### Chemical Concentration:

Liquid Chlorine up to 30%  
Muriatic acid up to 40%  
Sulfuric acid up to 40%

**Operating Voltage:** 110-240V 50/60Hz

**Max Dosing Rate:** 3 L/hour

**Consumption:** 20 watt

**Pressure:** 1.5 bar [ 22 psi]

**Strainer / injector Tube Size:** 4 x 6 (mm) tube

## Core-Pro Version



The Emaux CyberSync Core-Pro is an advanced peristaltic dosing pump designed for seamless automatic dosing. It integrates with Emaux pH or ORP probes, ensuring precise and comprehensive dosing automation. Additionally, it supports external connectivity for pump control, level probes, alarms, and other dosing pumps, offering a straightforward and complete automation solution for various dosing requirements. This makes it an excellent choice for maintaining optimal water quality with minimal manual intervention.

<b>Model:</b>	DP300-X
<b>Display:</b>	LCD (Dot Matrix)
<b>Depoly Probe:</b>	ORP or pH
<b>External connection*:</b>	Pump, Alarm, Level sensor

\*Max power for external dosing pump: 50w

Code	Model	Pressure bar [psi]	Max dosing rate L/hour	Measurable range	Operating voltage v	Input power w
9130113	DP300-X-ORP	1.5 [22]	3	ORP: 300 to 900mV	110-240	20
9130117	DP300-X-PH	1.5 [22]	3	pH4 - pH10	110-240	20



## Core Version

**Model:** DP300

**Display:** LED

The Emaux CyberSync Core is indeed a versatile dosing solution designed for ease of use. It allows users to effortlessly adjust the dosing rate, ensuring precise control over chemical levels.

Code	Model	Pressure bar [psi]	Max dosing rate L/hour	Operating voltage v	Input power w
9130116	DP300	1.5 [22]	3	110-240	20

## CORE-PLUS VERSION

The Emaux CyberSync Core-Plus is a fantastic solution for maintaining optimal pool chemistry! Its automatic dosing feature for ORP and pH control, along with the user-friendly LED display, makes it easy to monitor and adjust water quality in real-time. Whether you choose the ORP or pH version, this device ensures that your pool remains in perfect balance, providing a hassle-free experience for pool owners.



**Model:** DP300-ORP

**Display:** LED

**Probe:** ORP

**Model:** DP300-PH

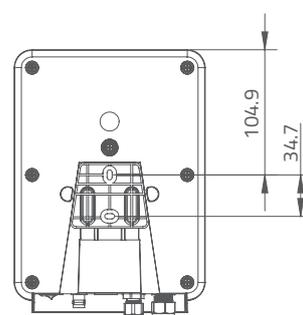
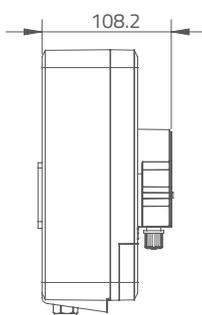
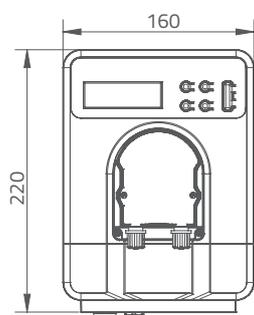
**Display:** LED

**Probe:** pH

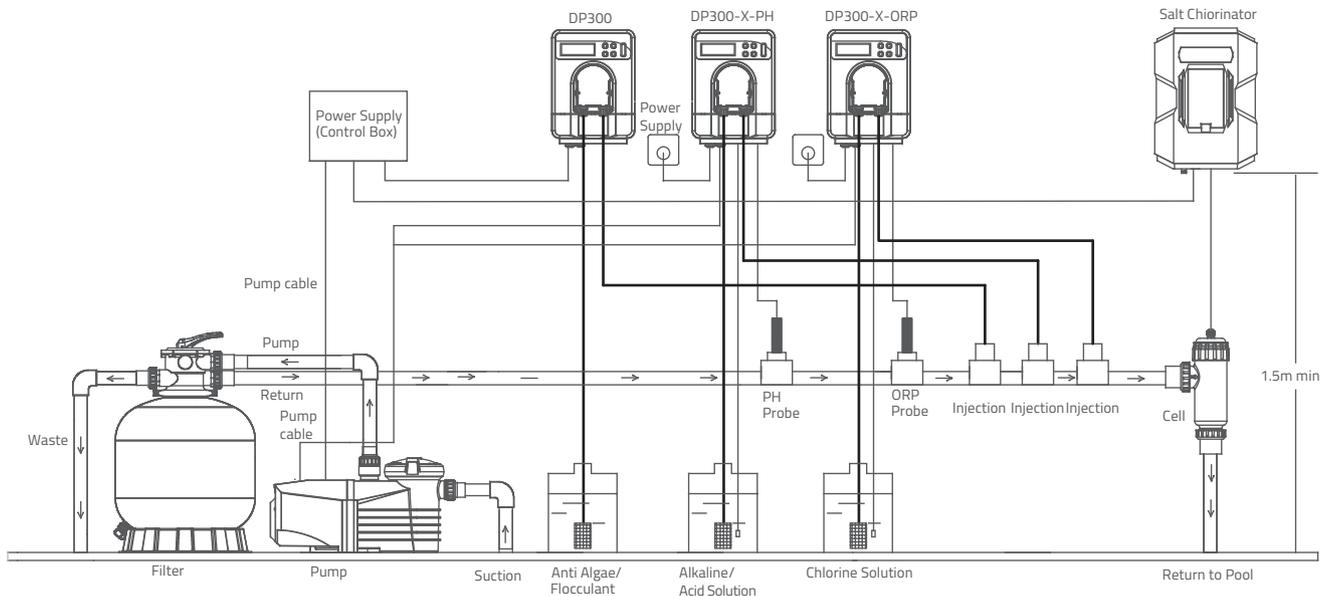


Code	Model	Pressure bar [psi]	Max dosing rate L/hour	Measurable range	Operating voltage v	Input power w
9130114	DP300-ORP	1.5 [22]	3	ORP: 300 to 900mV	110-240	20
9130115	DP300-PH	1.5 [22]	3	pH4 - pH10	110-240	20

### Product Dimensions



## Installation Diagram



## Probe and Accessories Specifications

Code	Product Name	Parameter	Photo	DP300-X-ORP	DP300-X-PH	DP300-ORP	DP300-PH	DP300
50932002	ORP probe	Pressure: 7 bar Material: epoxy Measuring range: -300 to 900mV (with 3m signal line) Electrode diameter: 12mm		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
50932002	pH probe	Pressure: 7 bar Material: epoxy Measuring range: 0- 14 (with 3m signal line) Electrode body diameter: 12mm		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
50932004	Probe holder	½" male thread		<input checked="" type="checkbox"/>				
51301007	256 buffer solution	256mV, 30mL		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
51301011	pH probe buffer solution pH4 and pH7	pH 4.0 and pH 7.0, 30mL		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
41501023	Dosing pipe fitting	Pressure: 7 bar PE Tube: 4x6 tube x 1 pc PVC Tube: 4x6 tube x 1 pc PVDF Injector: ½" male thread x 1 pc PVDF strainer: with valve x 1 pc		<input checked="" type="checkbox"/>				
50903036	Level probe	With 2m signal line		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11303006	Wall mount holder	With screw		<input checked="" type="checkbox"/>				
534280	25L Dosing tank (Optional item)	Size: 320 X 200 X 390mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

# CTRL Series Solenoid Driven Metering Pump

For measurement of the PH, Redox / ORP value

## HIGH-ACCURACY AUTOMATIC DOSING / MANUAL DOSING

CTRL4/CTRL7/CTRL20-PH/ORP has an automatic monitoring system that measures the PH value and Redox / ORP value of water through the relative voltage of probes and injects the chemicals to the required set-point. Digital metering pump with pH/Redox control meter on board. Adjustable manual control with proportional dosing flow rate for correct pH & Redox management.

CTRL4/CTRL7/CTRL20 series has a compact, clean design, easy to install and operate. Unlike the above models, it requires adjusting the chemical dosing manually.



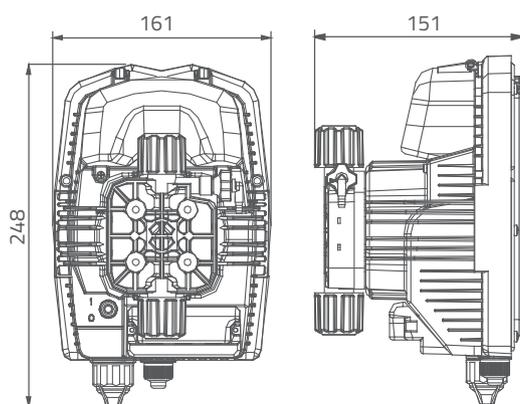
CTRL4/CTRL7/  
CTRL20-PH/ORP



CTRL4/CTRL7/CTRL20

### Main Features:

- 16-word dual-line LCD screen, full working status
- Display automatic recording and storage
- 2 options: a) Built-in pH/ORP monitor or b) Dosing only
- Pump flow control is automatically determined according to monitor pH / ORP value
- PH, ORP, flow and other automatic/manual calibration
- Level gauge input interface, low level alarm
- Flow meter input telematic control
- Password protection



Code	Model	Pressure (bar)	Max Flow/ Hour (l/h)	Stroke Capacity (cc/stroke)	Connection Size in/out (mm)	Frequency max (stroke/min)	Input Power (W)
9318658	CTRL4	12 10	4 5	0.42 0.52	4 / 6 4 / 6	160 160	20 20
931130025	CTRL4-PH	12 10	4 5	0.42 0.52	4 / 6 4 / 6	160 160	20 20
931130026	CTRL4-ORP	8 2	6 8	0.63 0.83	4 / 6 4 / 6	160 160	20 20
9318659	CTRL7	12 10	7 10	0.38 0.55	4 / 6 4 / 6	300 300	40 40
931130027	CTRL7-PH	12 10	7 10	0.36 0.52	4 / 6 4 / 6	320 320	40 40
931130028	CTRL7-ORP	5 1	15 18	0.78 0.99	4 / 6 4 / 6	320 320	40 40
9318660	CTRL20	5 4	20 32	1.11 1.78	8 / 12 8 / 12	300 300	40 40
931130029	CTRL20-PH	5 4	20 25	1.11 1.39	8 / 12 8 / 12	300 300	40 40
931130030	CTRL20-ORP	2 0.1	38 54	2.11 3	8 / 12 8 / 12	300 300	40 40

## WT500 Series

### Dual Parameter Water Quality Monitor

WT500 series water quality monitor can simultaneously measure pH & ORP value by a built-in dual parameter. It automatically controls the chemical dosage when partnered with the CTRL4/CTRL7/CTRL20 dosing pump.



<b>Model:</b>	WT500PR
<b>Code:</b>	9318661
<b>Measuring Range:</b>	pH 0-14.0 & ORP 0-1500mV
<b>Applicable pool area:</b>	Standard Pool
<b>Diaplay:</b>	Double line LCD
<b>Input Voltage/Frequency:</b>	220-240Vac 50/60Hz
<b>Size:</b>	234X162X108mm
<b>Meterial:</b>	PP
<b>Waterproof Standard:</b>	Ip65
<b>Installation:</b>	Wall mounted
<b>Standard Accessories:</b>	pH probe/ORP probe/Calibration solution/Probe mounting connector

#### Highlight Features:

1. Simple and convenient parameter setting
2. Timed proportional dosing(PWM function)
3. Remote alarm relay
4. LCD diaplay
5. 4-20mA current output (isolated)

## Working Features

The dosing pump is activated by a PTFE membrane mounted on a piston and electromagnet. When the piston is attracted by the electromagnet, pressure is produced in the pump body and the liquid is expelled from the discharge valve. Once the electric impulse is finished a spring brings the piston back to the initial position, with a recall of liquid through the suction valve.

LED indicators on the control panel monitor the dosing pump by electronic micro-control technology. Easy operation without lubrication, makes it almost maintenance free.

Note: The CTRL series of dosing pumps is based on an electronic micro-controller, strong and reliable components manage the pH or ORP parameters.



## Probe and Accessories Specifications

Code	Product Name	Parameter	Photo
531017	pH probe	Pressure: 7bar Material: epoxy resin Measuring range: 0-14 (With 6m signal line) Electrode diameter: 12mm (Includes probe holder)	
531020	ORP probe	Pressure: 7bar Material: epoxy resin Measuring range: 1200mV (With 6m signal line) Electrode diameter: ± 12mm (Includes probe holder)	
531018	pH probe buffer solution	2 bottles of buffer solution of pH (pH4.00 and pH7.00) +1 bottle for buffering	
531021	ORP probe buffer solution	1 bottle of ORP buffer solution (256mV) for 50ml bottle	
531019	Dosing pipe fittings for CTRL4/ 7	Pressure: 7bar Material: PVC	
531022	Dosing pipe fittings for CTRL20	Screw size: 1/2" The maximum resistance at: 60	
531023	Fixing Accessories	Vertical base and wall mounting accessories	

# Chemical Feeder

For residential and commercial pools

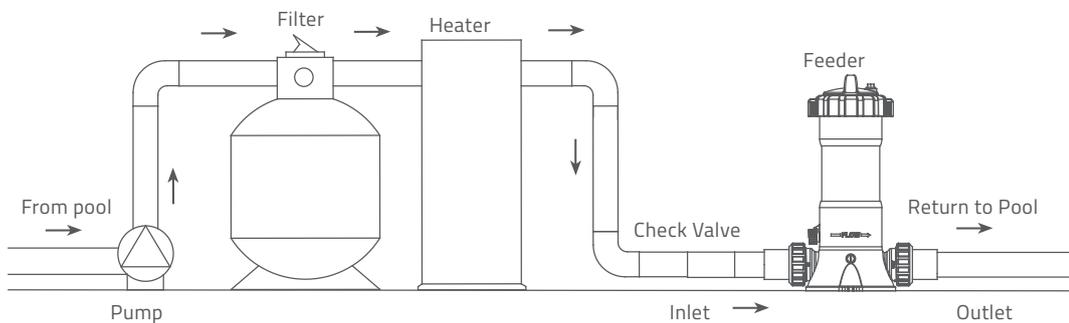
## MAINTAINS CHLORINE LEVEL AUTOMATICALLY

Emaux high capacity feeders offer a user-friendly solution for sanitizing large residential and commercial swimming pools using either chlorine or bromine tablets. They are heavy duty and able to provide automatic sanitization for pools up to 608,000 liters. Both in-line and off-line plumbing installations are available in 2 sizes.

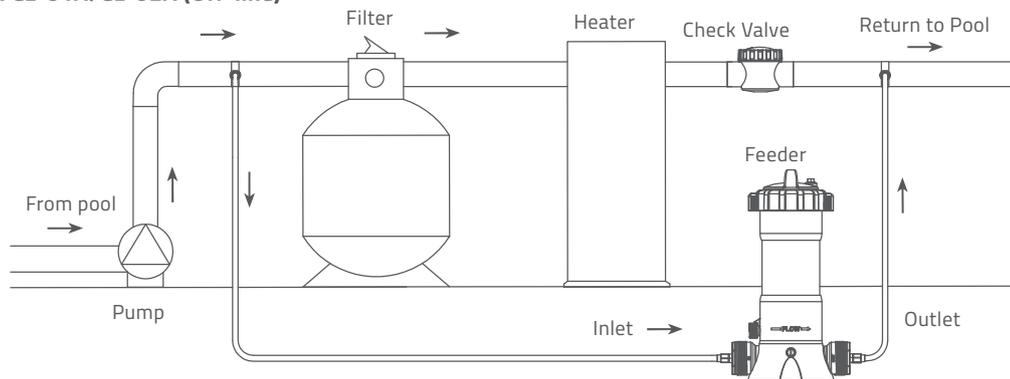


### Installation

#### 1. Model: CL-01/CL-02/CLL-50/CLL-75 (In-line)



#### 2. Model: CL-01A/CL-02A (Off-line)



Treats pool / spa size (Unit: Litre, in a period of 24 hours)

**MODEL:**  
CL-01 & CL-02 (In-line)



MODEL: CL-01 (In-line)  
10 ppm ----- 25000L pool  
5 ppm ----- 50000L pool  
2.5ppm ----- 100000L pool

MODEL: CL-02 (In-line)  
10 ppm ----- 27000L pool  
5 ppm ----- 54000L pool  
2.5ppm ----- 108000L pool

**MODEL:**  
CL-01A & CL-02A (Off-line)



MODEL: CL-01 A (Off-line)  
10 ppm ----- 45000L pool  
5 ppm ----- 90000L pool  
2.5ppm ----- 180000L pool

MODEL: CL-02A (Off-line)  
10 ppm ----- 49000L pool  
5 ppm ----- 98000L pool  
2.5ppm ----- 196000L pool

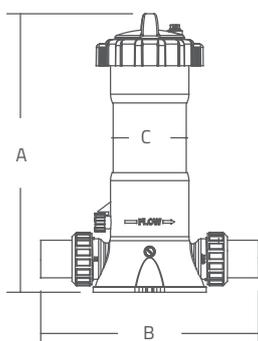
**MODEL:**  
CLL-50 & CLL-75



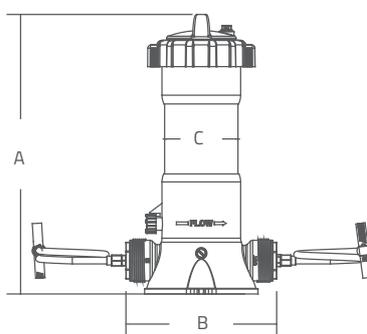
MODEL: CLL-50 (In-line)  
10 ppm ----- 95000L pool  
5 ppm ----- 190000L pool  
2.5ppm ----- 380000L pool

MODEL: CLL-75 (In-line)  
10 ppm ----- 152000L pool  
5 ppm ----- 304000L pool  
2.5ppm ----- 608000L pool

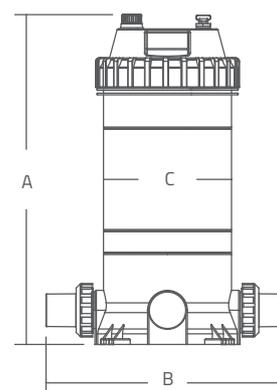
## Product Dimensions and Technical Information



Model: CL-01 & CL-02 (In-line)



Model: CL-01A & CL-02A (Off-line)



Model: CLL50 & CLL-75

Code	Model	Chlorine Tablet Specification	Quantity (pc)	Total Weight (kg)	Valve Connection	A (mm)	B (mm)	C (mm)
9130101	CL-01	Ø30x16mm/pc Ø76x26mm/pc	102 11	2	1.5" 50mm	420	330	110
9130103	CL-02	Ø30x16mm/pc Ø76x26mm/pc	198 22	4	1.5" 50mm	705	330	110
9130102	CL-01A	Ø30x16mm/pc Ø76x26mm/pc	102 11	2	- 10mm	420	230	110
9130104	CL-02A	Ø30x16mm/pc Ø76x26mm/pc	198 22	4	- 10mm	705	230	110
9130107	CLL-50	Ø30x16mm/pc Ø76x26mm/pc	300 32	6	1.5" 50mm	580	440	225
9130109	CLL-75	Ø30x16mm/pc Ø76x26mm/pc	550 50	11	1.5" 50mm	760	440	225

This feeder can ONLY be used with slow-dissolving Tri-Chlor.  
Do NOT mix with other type of chlorine or chemical, otherwise, it may cause an explosion or fire.





# ***UNDERWATER LIGHTING***

# E-Lumen X Series Underwater Light

Synchronize color settings of 2 zones by ColorTouch Control System

## TRUE COLOR RGB WITH WARM WHITE AND COOL WHITE LED

1. The light incorporates five basic colors of LED chips: cool white, warm white, red-green-blue (RGB), with high power and constant color rendering over time and temperature
2. Equipped with state-of-the-art LED technology, E-Lumen X ensures increased energy and luminous efficacy achieving 80 lumens per watt
3. LED life exceeds 40,000 hours
4. The innovative design of the diffusion lens and bulb matrix provides exceptional reflection, brightness, throw, and angle of illumination
5. The perforations on the face ring contribute to the light intensity and angle of illumination by allowing a light penetration throughout
6. Self determined operation mode with or without ColorTouch controller
7. Automatic color synchronization among lights and zone



Waterproof Standard  
IP68

Cable  
2.5m

Installation  
Concrete Wall Mount / Retrofit  
Concrete Niche / Fiberglass / Vinyl Pool

Material  
Plastic ABS / Stainless Steel / Transparent

Color



RGB



LED Blue



LED  
Warm White



LED  
Cool White

# E-LUMEN X - "QUARTZ" SERIES

For all types of pools

## EMAUX ICONIC WALL-MOUNTED HIGH POWER LED LIGHT

QUARTZ wall-mounted light offers a perfect solution for any pool installations. Its easy mounting kit enables instant installations of new build pools or retro-fit. The retro-fit version is designed to adapt your existing wiring and power and upgrade your pool with fabulous lighting effects under high energy efficiency.



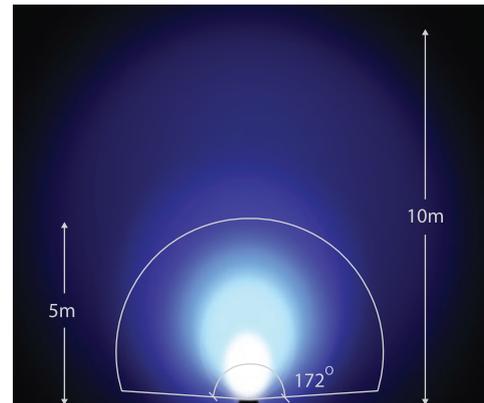
CE SAA

### Product Information

Code	Description	Face Ring
9042601	QUARTZ Light 12~32V AC 50/60Hz	White
9042602	QUARTZ Light 12~32V AC 50/60Hz	Grey
9042603	QUARTZ Light 12~32V AC 50/60Hz	Blue
9042604	QUARTZ Light 12~32V AC 50/60Hz	Stainless Steel
9042605	QUARTZ Light 12~32V AC 50/60Hz	Transparent

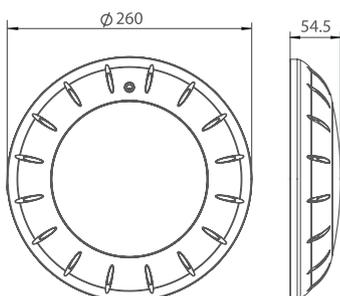
Pool Light Protection Rating : IP68 to 2m depth  
Power Consumption : 25W

Color	Operation Voltage	Illuminance (lux)	Color Temperature
Cool White	12~32V AC 50/60Hz	350	6500K
Warm White	12~32V AC 50/60Hz	325	3000K



Angle and distance of illumination

### Product Dimensions



### Face Ring Color Options



# E-LUMEN X - "QUARTZ (EM)" SERIES

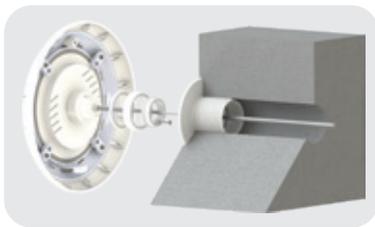
For installation with inlet nozzles

## HIGH ADAPTABLE WALL-CONDUIT POOL LIGHT

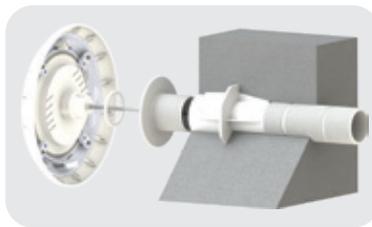
The Quartz (EM) lights has the same advanced features as E-Lumen X. The inlet nozzle screw-in design for wall conduit and fitting is adaptable for different pool installation options.



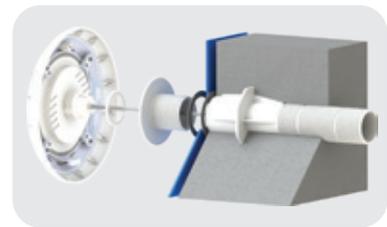
CE



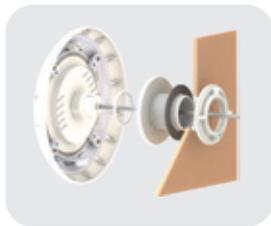
Concrete Pool



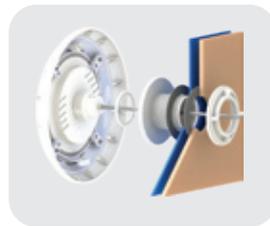
Concrete Pool with Conduit



Concrete Pool+Liner



Vinyl Pool Fiberglass Pool



Panel Pool Timber Pool

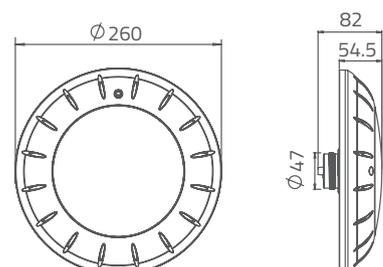
### Wall conduit and fitting accessory for pool type:

Concrete Pool with 1.5" PVC Pipe	Concrete Pool with Conduit	Concrete pool with Liner	Vinyl / Fiberglass	Panel / Timber
EM2831	EM2831	EM2831	EM2836	EM2836
	EM2841	EM2841		
	EM2842	EM2842		

### Product Dimensions and Technical Information

Code	Description	Face Ring
9042606	Quartz (EM) Light 12-32V AC 50/60Hz	White
9042607	Quartz (EM) Light 12-32V AC 50/60Hz	Grey
9042608	Quartz (EM) Light 12-32V AC 50/60Hz	Blue
9042609	Quartz (EM) Light 12-32V AC 50/60Hz	Stainless Steel
9042610	Quartz (EM) Light 12-32V AC 50/60Hz	Transparent

### Dimensions(mm):



# E-LUMEN X- "ZIRCON" SERIES

For concrete pool with niche or fiberglass pool installation

## HIGH ILLUMINATION COMPACT POOL LIGHT

ZIRCON is a powerful 25W LED light engineered for concrete and fiberglass pools. The niche or the locknut design provides ease and flexibility enabling a quality installation.

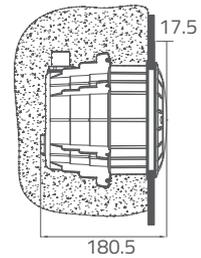
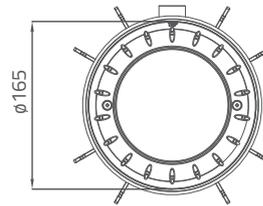


CE SAA

### Concrete Pool Niche



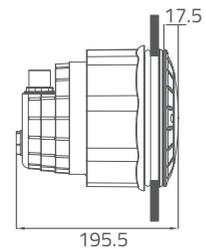
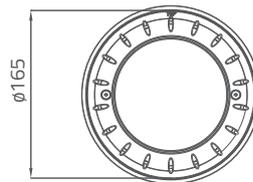
ZIR25-C



### Fiberglass Pool Nut



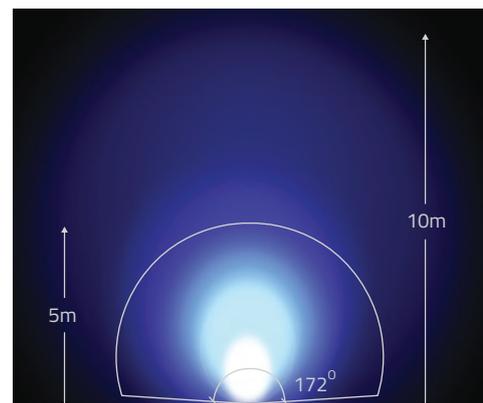
ZIR25-V



### Product Information

Zircon Light 12Vac 50/60Hz, Power cord length with retrofit connector: 2.5m

Code	Model	Maximum Power	illuminance (Lux)	Color Temperature
9042801	ZIR25-C	25W	350 (Cool White) 325 (Warm White)	6500K 3000K
9042802	ZIR25-V	25W	350 (Cool White) 325 (Warm White)	6500K 3000K



Angle and distance of illumination

# E-LUMEN X - "Eagle Eye" SERIES

A fine design light for residential Pool and Spa

## ULTRA SLIM FIT NICHELESS LED POOL LIGHT

EAGLE EYE is a slim, high efficiency LED light with a powerful 18W output. The nicheless design allows for installation in 1.5 inch/50mm PVC pipes, suction fittings, or wall conduits. An easy-change lens cover provides a handy option for switching lighting effects.



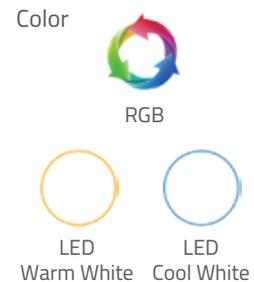
Material  
PC + ABS

Operation Voltage  
12V AC

Power  
18W

Cable Length  
7ft / 50ft / 100ft / 150ft  
2.5m / 15m / 30m / 45m

Waterproof Standard  
IP68



### Advantages:

#### Innovative convection design

Eagle eye allocates the innovative technologies of convection design. The faster the heat transfer, the longer it will last.

#### The flexibility of smaller size

Eagle eye is only 190mm (7½") in length, which can fit into the narrowest pool walls, providing flexibility for every masterpiece design.

#### Long operational lifespan

LED life exceeds 9,000 hours.

#### Ultimate glowing

The diffuser lens offers a wide angle and distance of illumination.

#### Multi-installation mechanisms

Designed for installation with PVC pipes, suction fittings, and wall conduits and adaptable for different pool types.

#### Wireless color change

Compatible with Emaux Colortouch remote control system for direct change: color, lighting effect and brightness level.

#### Friendly accessories

A protective cover plus two lens covers are included. Lens covers are specifically designed for the Eagle eye to eliminate reflective shadows and halos on the pool floor, which helps to keep bright lights out of swimmers' eyes in shallow areas.

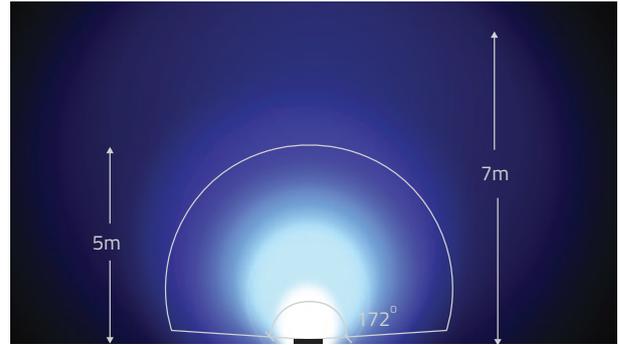
## Lens Covers



Eagle Eye



Half Moon

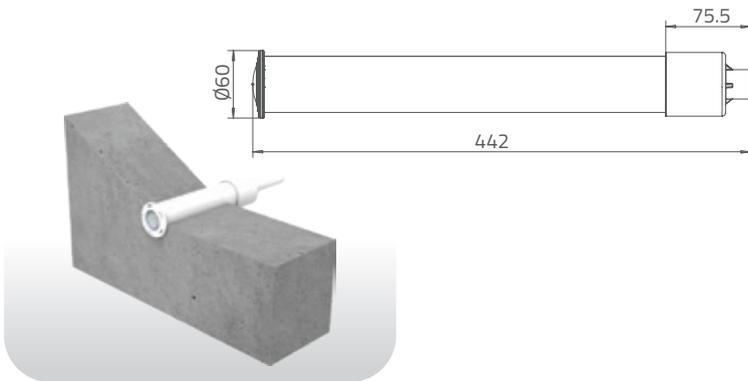


Angle and distance of illumination

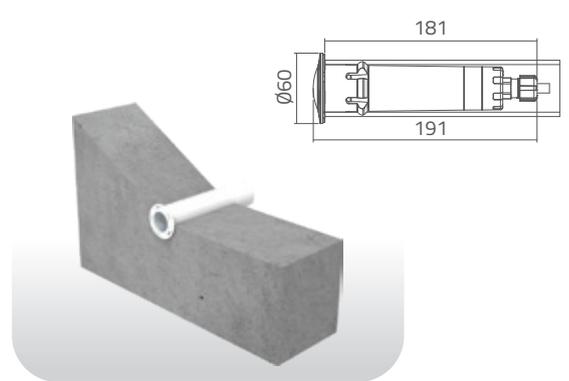
## Product Information

Code	Model	Cable Length	Description	Illuminance
9043001	EAG18	7/50/100/150 ft 2.5/15/30/45 m	Eagle Eye Nicheless LED Light 2White+RGB, 18W / 12V AC	278 Lux

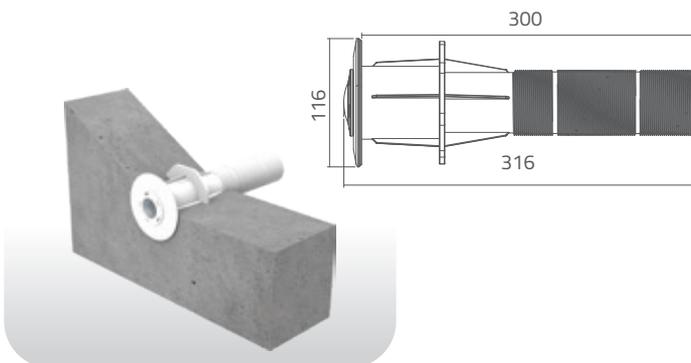
## Installations



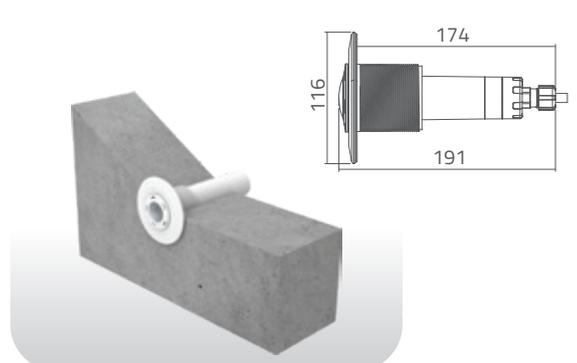
EM2858



1.5" PVC Pipe



Conduits



Suction Fittings

# E-LUMEN X- "TOPAZ" SERIES

For concrete pools with niche, fiberglass pools, and vinyl liner pools installations

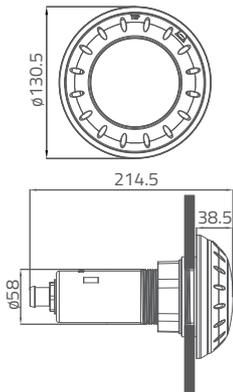
## SLIM FIT LED LIGHT FOR MULTI-INSTALLATION

TOPAZ is a compact and powerful 13W LED light. Its slim construction and multi-installation mechanisms allow it to be fitted into pools and spas of any dimensions, providing a superb lighting effect.

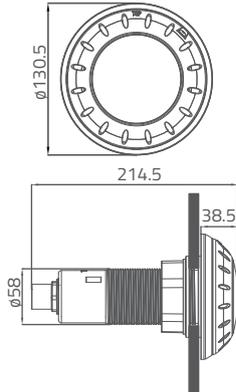


CE SAA

Vinyl Pool

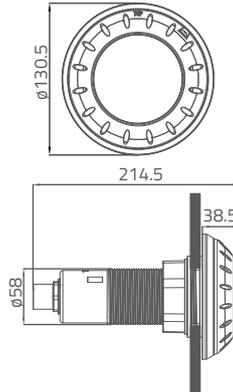


Vinyl Pool

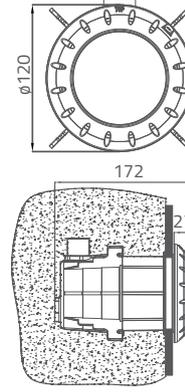


For changing vinyl liner

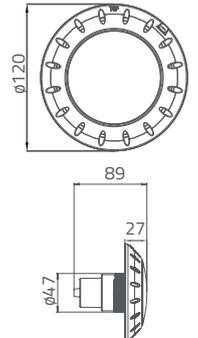
Fiberglass Pool



Concrete Pool



Concrete Pool



For installation with inlet nozzles



TOP13-VS



TOP13-VL(V)



TOP13-VL



TOP13-C

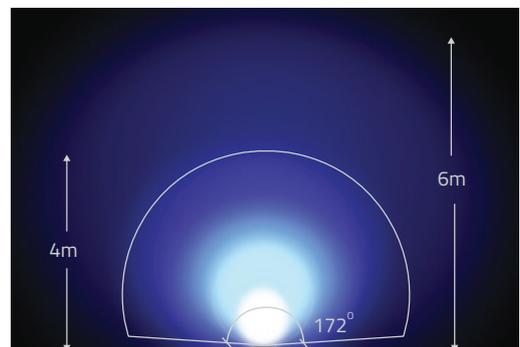


TOP13-EM

## Product Information

TOPAZ light 12Vac 50/60Hz, Power cord length with retrofit connector: 2.5m

Code	Model	Maximum Power	Illuminance (lux)	Color Temperature
9042701	TOP13-C	13W	220 (Warm White)	3000K
9042702	TOP13-VL	13W		
9042708	TOP13-VL(V)	13W	200 (Cool White)	6500K
9042703	TOP13-VS	13W		
9042704	TOP13-EM	13W		



Angle and distance of illumination

# COLORTOUCH LIGHT CONTROL BOX

For E-Lumen X Series Underwater Lights



DOWNLOAD THE APP

SMART  
LIFE



**IoT Connection:** An IoT version can be controlled and monitored over an internet connection, enabling users to manage lighting remotely. This connectivity allows for real-time color and brightness adjustments, and automated scheduling in home lighting.

**Wi-Fi connectivity:**



1. IEEE802.11, 2.4GHz, b/g/n
2. Internal antenna, open area 50m

Code	Model	Description
9110901	ColorTouch	ColorTouch Control Box 220V with Touch Remote
9110910	ColorTouch IoT	ColorTouch Control Box 110-220V with Touch Remote & Internet (IoT) connection

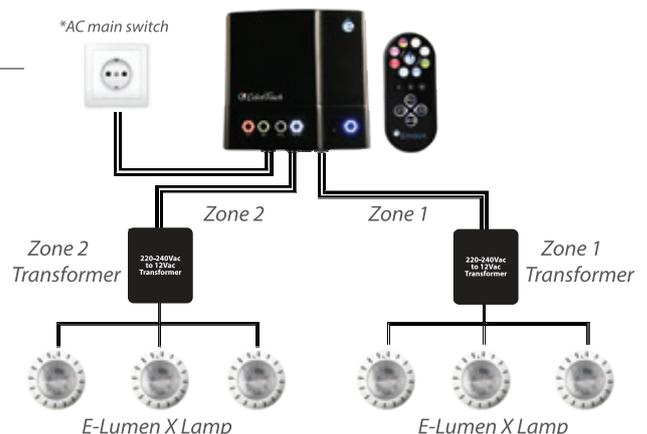
#Please contact our sales representative to verify whether the Wi-Fi channel code is compatible with the ColorTouch device you intend to purchase.

## Synchronize color settings of 2 zones by ColorTouch Control System

1. ColorTouch control system can control different modes of lighting in two separate zones at the same time.
2. Each zone can support pool light fixture upto 300VA.
3. Simple one-touch button can instantly synchronize both zones.

## Features:

1. ColorTouch control box not only supports all E-Lumen X series lamp with direct color change and brightness adjustment, but also supports E-lumen ON/OFF switch type for changing lamp color.
2. Provides direct light color change and two zones synchronized color control.
3. By using the existing two-core wires and 12Vac power system. ColorTouch becomes an ideal choice for most pool retrofit and refurbishment projects.
4. Waterproof Standard IP44.
5. The hand-held remote-controller which is compact, user-friendly and water resist. It operates up to 50m in open area.
6. One-touch light effect selection feature though remote-controller: 7 different colors, auto-color changing, and 3 brightness level selection.
7. IoT Connection edition provides all control features as a remote controller over a smartphone through the Apps.
8. The Smart Life - Smart Living app can show current color controlling on your smartphone.
9. The Time Schedule function can enable you to define time-based rules by the Smart Life App and trigger your ColorTouch for certain actions automatically.



# E-Lumen Series Underwater Light

Incorporating E-Lumen Ultra-Thin LED Panels

## A PROMISING CHOICE OF PROFESSIONAL UNDERWATER LIGHT

E-lumen Lights offer 100% resin-filled waterproof and extra-long lifetime - 25,000 hours (10 times longer than traditional halogen bulbs). Unlike other LED lights, the Ultra-Thin LED panel keeps working even if a single LED bulb goes out.

The cool-operating feature provides more brightness for fewer watts, compared to other lights in which 90% of the energy is wasted on the heat they generate.

Simple bolt fixing fittings are provided to replace the PAR56 type of pool and spa underwater lights. The LED Panel is compatible with most of the European & American niches. An optional remote control box is available.



### E-Lumen Series Underwater Lighting Effects

1. E-Lumen Ultra-Thin LED panels are available in RGB (red-green-blue), warm white, cool white, and single blue.
2. RGB models feature six brilliant rich colors to customise the mood of the pool with owner preferences, and eight pre-programmed color light shows delivering dazzling rainbow and smooth fading effects.

# E-LUMEN ULTRA-THIN LED PANEL

For E-Lumen, EL-S100, EL-S300, EL-H200, EL-NP300

## MOST ENERGY AND LUMINOUS EFFICIENCY

The Ultra-Thin LED panel is based on the most recent LED development on the market, and uses the most efficient energy and illumination technology. The convenient plug-n-play panel kit replaces most of the underwater lights on the market. By only unscrewing few bolts of your old and energy costly light bulb and swapping it for the Ultra-Thin LED Panel.



### Mounting Accessories

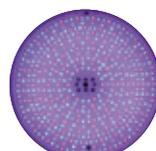


For E-Lumen



For EL-NP300

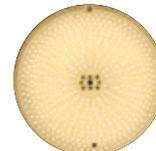
### Ultra-Thin 400 LED



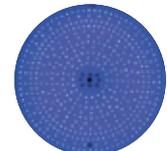
RGB



Cool White



Warm White



Blue

### Product Information

Code	Model	LED Bulb	Watt / Voltage	Illuminance (lux)	Color
9041813	UltraThin-200 LED	252 LEDs Bulb	20W/12V	450	Cool White (10000K)
9041814	UltraThin-200 LED	252 LEDs Bulb	20W/12V	535	Warm White (4000K)
9041815	UltraThin-200 LED	252 LEDs Bulb	20W/12V	64	Single Blue
9041816	UltraThin-200 LED	252 LEDs Bulb	20W/12V	220	RGB – 14 Modes
9041817	UltraThin-400 LED	441 LEDs Bulb	35W/12V	690	Cool White (10000K)
9041818	UltraThin-400 LED	441 LEDs Bulb	35W/12V	785	Warm White (4000K)
9041819	UltraThin-400 LED	441 LEDs Bulb	35W/12V	100	Single Blue
9041820	UltraThin-400 LED	441 LEDs Bulb	35W/12V	372	RGB – 14 Modes
9041821	UltraThin-500 LED	531 LEDs Bulb	50W/12V	795	Cool White (10000K)
9041822	UltraThin-500 LED	531 LEDs Bulb	50W/12V	805	Warm White (4000K)
9041823	UltraThin-500 LED	531 LEDs Bulb	50W/12V	222	Single Blue
9041824	UltraThin-500 LED	531 LEDs Bulb	50W/12V	434	RGB – 14 Modes

# E-LUMEN SERIES

## PROFESSIONAL UNDERWATER LIGHT

Emaux's E-Lumen Underwater Light is the industrial leading Nicheless LED pool and spa light, designed to delivery brilliant and vibrant colors by a single light. The single color options maximize the brightness of your pool. The party themes run through your pool and spa by E-Lumen 6 brilliant rich colors and 8 colors pre-programmed light show. With the best LED technology, Nicheless E-Lumen mounts directly on the wall for simple installation. Only required few bolts, this is the most convenient choice for professional underwater light.



IP68 CE 

### Light Color:



Cool White (10000K)



RGB (14 modes)



Warm White (4000K)



Single Blue

### Waterproof Standard

IP68

### Cable

2.5m

### Material

ABS + UV Stabilizer

### Installation

Wall Mounted (Flat Type)

### Color



RGB



LED Blue



LED Warm White



LED Cool White

### E-Lumen Series Light Product Information

Code	Model	LED Bulb	Watt / Voltage	Illuminance (lux)	Color
9041804	E-Lumen-252	252 LEDs Bulb	20W/12V	346	Cool White (10000K)
9041803	E-Lumen-252	252 LEDs Bulb	20W/12V	415	Warm White (4000K)
9041806	E-Lumen-252	252 LEDs Bulb	20W/12V	52	Blue
9041805	E-Lumen-252	252 LEDs Bulb	20W/12V	166	RGB
9041801	E-Lumen-441	441 LEDs Bulb	35W/12V	550	Cool White (10000K)
9041807	E-Lumen-441	441 LEDs Bulb	35W/12V	613	Warm White (4000K)
9041808	E-Lumen-441	441 LEDs Bulb	35W/12V	78	Blue
9041802	E-Lumen-441	441 LEDs Bulb	35W/12V	273	RGB
9041810	E-Lumen-531	531 LEDs Bulb	50W/12V	608	Cool White (10000K)
9041811	E-Lumen-531	531 LEDs Bulb	50W/12V	634	Warm White (4000K)
9041812	E-Lumen-531	531 LEDs Bulb	50W/12V	158	Blue
9041809	E-Lumen-531	531 LEDs Bulb	50W/12V	316	RGB

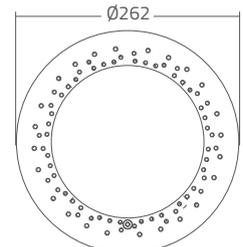
### Simple installation



Mounting Bracket (Concrete Pool)



Mounting Plate (Vinyl Pool)



# E-LUMEN - EL-NP300 SERIES

Waterproof Standard

IP68

Cable

2.5m

Application

Concrete / Vinyl Pool

Material

S.S. or Plastic Face Ring

Plastic housing

Installation

Wall Mounted (Housing Type)

Color



RGB



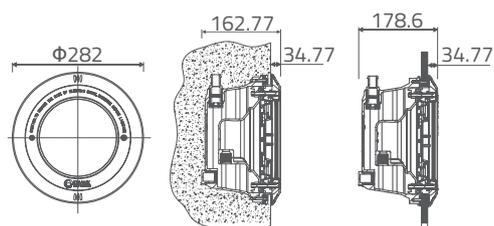
LED Blue



LED Warm White



LED Cool White



IP68 CE RoHS COMPLIANT

## EL-NP300 Series Light Product Information

Code		Model	Face Ring	LED Bulb	Watt/ Voltage	Illuminance (lux)	Color
Concrete Pool	Vinyl Pool						
9040826	9040802	EL-NP300P-252	Plastic	252 LEDs Bulb	20W/12V	450	Cool White (10000K)
9040825	9040801	EL-NP300P-252	Plastic	252 LEDs Bulb	20W/12V	535	Warm White (4000K)
9040828	9040804	EL-NP300P-252	Plastic	252 LEDs Bulb	20W/12V	100	Single Blue
9040827	9040803	EL-NP300P-252	Plastic	252 LEDs Bulb	20W/12V	222	RGB – 14 Modes
9040838	9040814	EL-NP300S-252	S.S. AISI 304	252 LEDs Bulb	20W/12V	450	Cool White (10000K)
9040837	9040813	EL-NP300S-252	S.S. AISI 304	252 LEDs Bulb	20W/12V	535	Warm White (4000K)
9040840	9040816	EL-NP300S-252	S.S. AISI 304	252 LEDs Bulb	20W/12V	100	Single Blue
9040839	9040815	EL-NP300S-252	S.S. AISI 304	252 LEDs Bulb	20W/12V	222	RGB – 14 Modes
9040830	9040806	EL-NP300P-441	Plastic	441 LEDs Bulb	35W/12V	690	Cool White (10000K)
9040829	9040805	EL-NP300P-441	Plastic	441 LEDs Bulb	35W/12V	785	Warm White (4000K)
9040832	9040808	EL-NP300P-441	Plastic	441 LEDs Bulb	35W/12V	100	Single Blue
9040831	9040807	EL-NP300P-441	Plastic	441 LEDs Bulb	35W/12V	372	RGB – 14 Modes
9040842	9040818	EL-NP300S-441	S.S. AISI 304	441 LEDs Bulb	35W/12V	690	Cool White (10000K)
9040841	9040817	EL-NP300S-441	S.S. AISI 304	441 LEDs Bulb	35W/12V	785	Warm White (4000K)
9040844	9040820	EL-NP300S-441	S.S. AISI 304	441 LEDs Bulb	35W/12V	100	Single Blue
9040843	9040819	EL-NP300S-441	S.S. AISI 304	441 LEDs Bulb	35W/12V	372	RGB – 14 Modes
9040834	9040810	EL-NP300P-531	Plastic	531 LEDs Bulb	50W/12V	795	Cool White (10000K)
9040833	9040809	EL-NP300P-531	Plastic	531 LEDs Bulb	50W/12V	805	Warm White (4000K)
9040836	9040812	EL-NP300P-531	Plastic	531 LEDs Bulb	50W/12V	222	Single Blue
9040835	9040811	EL-NP300P-531	Plastic	531 LEDs Bulb	50W/12V	434	RGB – 14 Modes
9040846	9040822	EL-NP300S-531	S.S. AISI 304	531 LEDs Bulb	50W/12V	795	Cool White (10000K)
9040845	9040821	EL-NP300S-531	S.S. AISI 304	531 LEDs Bulb	50W/12V	805	Warm White (4000K)
9040848	9040824	EL-NP300S-531	S.S. AISI 304	531 LEDs Bulb	50W/12V	222	Single Blue
9040847	9040823	EL-NP300S-531	S.S. AISI 304	531 LEDs Bulb	50W/12V	434	RGB – 14 Modes

# E-LUMEN - EL-H200 SERIES

## THE SLIM NICHE FITS ANY POOL STRUCTURES



1. The E-Lumen Ultra Thin LED panel (Resin-filled) offers a smooth front but superior lighting effect.
2. The combination of the stainless steel face ring and the slim plastic niche achieves the simplicity yet elegance.
3. Slim niche fits any pool structure including thin concrete walls.

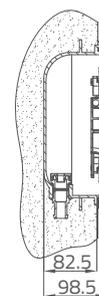
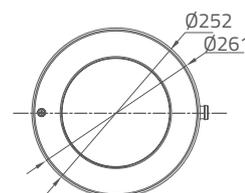
IP68 CE RoHS COMPLIANT

Waterproof Standard  
IP68

Cable  
2.5m

Material  
Stainless Steel Face Ring  
Plastic Housing

Installation  
Wall Mounted (Housing Type)



Color



RGB



LED Blue



LED Warm White



LED Cool White

### EL-H200 Series Light Product Information

Code	Model	LED Bulb	Watt/ Voltage	Illuminance (lux)	Color
9041102	EL-H200-252	252 LEDs Bulb	20W/12V	450	Cool White (10000K)
9041101	EL-H200-252	252 LEDs Bulb	20W/12V	535	Warm White (4000K)
9041103	EL-H200-252	252 LEDs Bulb	20W/12V	64	Single Blue
9041104	EL-H200-252	252 LEDs Bulb	20W/12V	222	RGB – 14 Modes
9041105	EL-H200-441	441 LEDs Bulb	35W/12V	690	Cool White (10000K)
9041106	EL-H200-441	441 LEDs Bulb	35W/12V	785	Warm White (4000K)
9041107	EL-H200-441	441 LEDs Bulb	35W/12V	100	Single Blue
9041108	EL-H200-441	441 LEDs Bulb	35W/12V	372	RGB – 14 Modes
9041109	EL-H200-531	531 LEDs Bulb	50W/12V	795	Cool White (10000K)
9041110	EL-H200-531	531 LEDs Bulb	50W/12V	805	Warm White (4000K)
9041111	EL-H200-531	531 LEDs Bulb	50W/12V	222	Single Blue
9041112	EL-H200-531	531 LEDs Bulb	50W/12V	434	RGB – 14 Modes

# E-LUMEN - EL-S300 SERIES

## ROBUST AND NON-CORROSIVE HOUSING



1. E-Lumen Ultra Thin LED panel (Resin-filled).
2. Unique stainless steel niche design provides the highest intensity for long lifetime usage.
3. Simple installation.

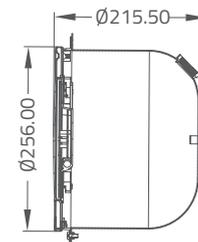
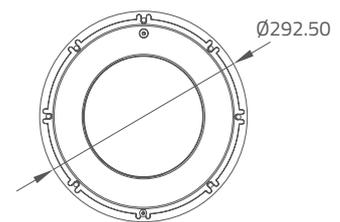
IP68 CE RoHS COMPLIANT

Waterproof Standard  
IP68

Cable  
2.5m

Material  
Stainless Steel Face Ring  
Stainless Steel Housing

Installation  
Wall Mounted (Housing Type)



### EL-S300 Series Light Product Information

Code	Model	LED Bulb	Watt/ Voltage	Illuminance (lux)	Color
9041614	EL-S300-252	252 LEDs Bulb	20W/12V	450	Cool White (10000k)
9041613	EL-S300-252	252 LEDs Bulb	20W/12V	535	Warm White (4000K)
9041616	EL-S300-252	252 LEDs Bulb	20W/12V	64	Single Blue
9041615	EL-S300-252	252 LEDs Bulb	20W/12V	220	RGB – 14 Modes
9041618	EL-S300-441	441 LEDs Bulb	35W/12V	690	Cool White (10000K)
9041617	EL-S300-441	441 LEDs Bulb	35W/12V	785	Warm White (4000K)
9041620	EL-S300-441	441 LEDs Bulb	35W/12V	100	Single Blue
9041619	EL-S300-441	441 LEDs Bulb	35W/12V	372	RGB – 14 Modes
9041622	EL-S300-531	531 LEDs Bulb	50W/12V	795	Cool White (10000K)
9041621	EL-S300-531	531 LEDs Bulb	50W/12V	805	Warm White (4000K)
9041624	EL-S300-531	531 LEDs Bulb	50W/12V	222	Single Blue
9041623	EL-S300-531	531 LEDs Bulb	50W/12V	434	RGB – 14 Modes

Note: Without housing model (the "L" model) is available, please contact sales representatives for details.

# E-LUMEN - EL-S100 SERIES

## DURABLE, ELEGANT AND EASY TO INSTALL



1. E-Lumen Ultra Thin LED panel (Resin-filled).
2. High lamination low energy consumption.
3. Simple installation.
4. Various color options & pre-programmed lighting effects.

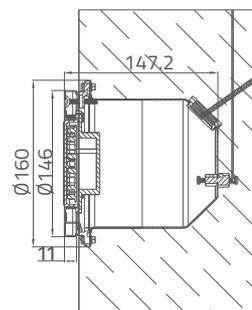
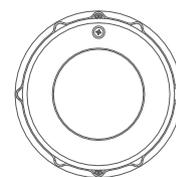
IP68 CE RoHS COMPLIANT

Waterproof Standard  
IP68

Material  
Stainless Steel Face Ring  
Stainless Steel / Plastic Housing

Cable  
2.5m

Installation  
Wall Mounted (Housing Type)



## EL-S100 Series Light Product Information

Code	Model	LED Bulb	Housing	Watt/ Voltage	Color	Illuminance (lux)
9042501	EL-S100S	99 LEDs Bulb	with S.S. Housing	10W/12V	Cool White (10000K)	100
9042502	EL-S100S	99 LEDs Bulb	with S.S. Housing	10W/12V	RGB	50
9042503	EL-S100S	99 LEDs Bulb	with S.S. Housing	10W/12V	Warm White (4000K)	117
9042504	EL-S100S	99 LEDs Bulb	with S.S. Housing	10W/12V	Blue	33
9042505	EL-S100P	99 LEDs Bulb	with Plastic Housing	10W/12V	Cool White (10000K)	100
9042506	EL-S100P	99 LEDs Bulb	with Plastic Housing	10W/12V	RGB	50
9042507	EL-S100P	99 LEDs Bulb	with Plastic Housing	10W/12V	Warm White (4000k)	117
9042508	EL-S100P	99 LEDs Bulb	with Plastic Housing	10W/12V	Blue	33
9042509	EL-S100L	99 LEDs Bulb	without Housing	10W/12V	Cool White (10000K)	100
9042510	EL-S100L	99 LEDs Bulb	without Housing	10W/12V	RGB	50
9042511	EL-S100L	99 LEDs Bulb	without Housing	10W/12V	Warm White (4000K)	117
9042512	EL-S100L	99 LEDs Bulb	without Housing	10W/12V	Blue	33

# Flat Type Underwater Light

For concrete and vinyl pools

## TP100 SERIES UNDERWATER LIGHT

Waterproof Standard

IP68

Cable

2.5m

Material

ABS + UV Stabilizer

Installation

Wall Mounted (Flat Type)

Color



Color Lens



RGB



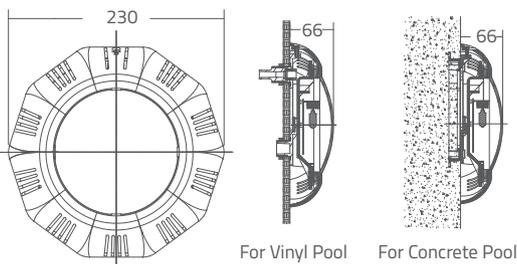
LED Blue



LED Cool White



Model: LED-TP100



For Vinyl Pool

For Concrete Pool



IP68

CE



SAA

### TP100 Series LED Light Color Changing



### TP100 Series Light Product Information

Code	Model	Light	Watt/ Voltage	Color	Illuminance (lux)
9040601	UL-TP100	Halogen Light Bulb	75W/12V	Color lens,Red/Green/Blue	300(red), 260(green), 180(blue), 480(no lens)
9040602	LED-TP100	198 LEDs Light Panel	8W/12V	Cool White	180(cool white)
9040603	LED-TP100	198 LEDs Light Panel	8W/12V	RGB	115(color)
9040604	LED-TP100	198 LEDs Light Panel	8W/12V	Blue	80(blue)
9040606	LED-TP100	198 LEDs Light Panel	8W/12V	Warm White	180(warm white)

# P100 SERIES UNDERWATER LIGHT

Waterproof Standard

IP68

Cable

2.5m

Material

ABS + UV Stabilizer

Installation

Wall Mounted (Flat Type)

Color



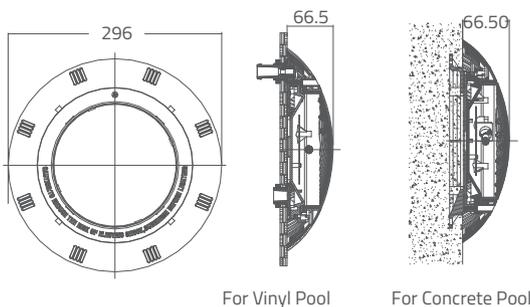
Model: LED-P100



IP68 CE



SAA



For Vinyl Pool

For Concrete Pool



198 LEDs Light Panel



Halogen Light Bulb



Color lens

## P100 Series Light Product Information

Code	Model	Light	Watt/ Voltage	Color	Illuminance (lux)
9040201	UL-P100	Halogen Light Bulb	75W/12V	Color lens,Red/Green/Blue	400(red), 300(green), 240(blue), 680(no lens)
9040202	LED-P100	198 LEDs Light Panel	8W/12V	Cool White	180(cool white)
9040203	LED-P100	198 LEDs Light Panel	8W/12V	RGB	115(color)
9040204	LED-P100	198 LEDs Light Panel	8W/12V	Blue	80(blue)

## LEDs Panel & Light Bulb for TP100 / P100

Code	Model	Description	Color	Watt/Voltage
10516003			Red	
10516002	N/A	Color lens for UL-P100	Green	N/A
10516001			Blue	
10516006			Red	
10516004	N/A	Color lens for UL-TP100	Green	N/A
10516005			Blue	
40504012	N/A	LED Light Panel for LED-P100	Cool White	8W/12V
40504011	N/A	LED Light Panel for LED-P100	RGB	8W/12V
40504013	N/A	LED Light Panel for LED-P100	Blue	8W/12V
40504009	N/A	LED Light Panel for LED-TP100	Cool White	8W/12V
40504008	N/A	LED Light Panel for LED-TP100	RGB	8W/12V
40504010	N/A	LED Light Panel for LED-TP100	Blue	8W/12V
50901021	N/A	Halogen light bulb for UL-P100, UL-TP100	Yellow	75W/12V

# CP100 SERIES UNDERWATER LIGHT

Waterproof Standard

IP68

Cable

2.5m

Material

ABS with UV Stabilizer

Installation

Wall Mounted (Flat Type)

Color



RGB



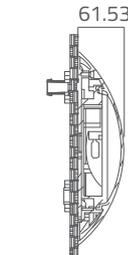
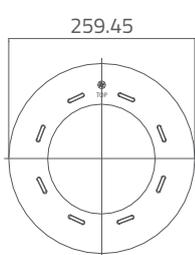
UL White



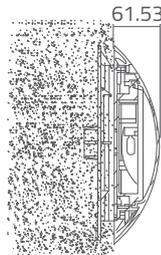
LED  
Cool White



Model: LED-CP100



For Vinyl Pool



For Concrete Pool

IP68 CE



## CP100 Series LED Light Color Changing



## CP100 Series Light Product Information

Code	Model	Light	Watt/ Voltage	Color	Illuminance (lux)
9040401	UL-CP100	Halogen Light Bulb	75W/12V	Warm White	480
9040404	LED-CP100	102 LEDs Light Panel	6W/12V	Cool White	170
9040405	LED-CP100	102 LEDs Light Panel	6W/12V	RGB	130
9040402	LED-CP100	198 LEDs Light Panel	8W/12V	Cool White	340
9040403	LED-CP100	198 LEDs Light Panel	8W/12V	RGB	250

# Aurora Light

For concrete, tiled, vinyl liner, and fiberglass pools

## INNOVATIVE DESIGN AND ADVANCED LIGHT ENGINEERING

- 1. 100% WATER PROOFING** With our latest resin filled LED panel technology, the unit is totally waterproof.
- 2. HIGH COMPATIBILITY** Aurora is designed for all concrete, tiled, vinyl liner, and fiberglass pools.
- 3. GREAT DURABILITY** Made of durable ABS with high quality polycarbonate transparent lens. A special heat sink design ensures long LED life.
- 4. CONVENIENCE** Easy installation and maintenance. Latest wiring method allows convenient, reliable wiring for replacement.
- 5. THE WIDEST ANGLE OF ILLUMINATION** The combination of high power LED bulbs and unique 360 degree LED ring achieves the widest angle of illumination on the market.



Waterproof Standard

IP68

Cable

2.5m

Material

Durable ABS structure  
PC Transparent Lid

Installation

Wall mounted (flat type)

Color



RGB



LED Blue



LED  
Warm White



LED  
Cool White

# THE WIDEST ANGLE OF ILLUMINATION

## Unique 360 Degree LED Ring and High Power Bulbs

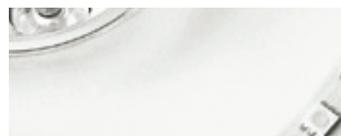
Highly efficient illumination is produced by the combination of high power bulbs and a 360 degree LED ring.



360 LED ring



High Power Bulbs



Light Guide Plate

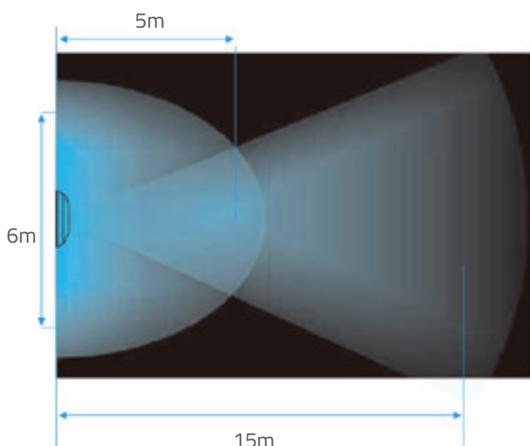
## Light Guide Plate (LGP) Technology

With the light guide plate, Aurora light features an ultra-thin, low power consumption, even brightness, visual comfort and attractive appearance.

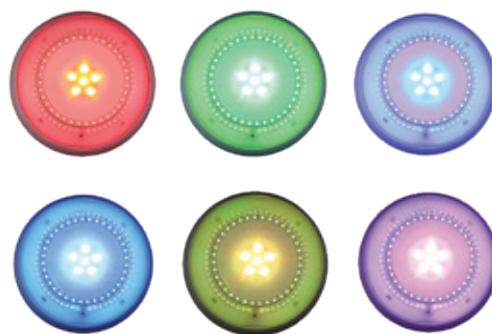
## Various Color Options & Pre-programmed Light effects

The RGB version offers color changing options with 14 modes with brilliant dynamic light that can be changed by remote control box (optional).

## Angle and Distance of Illumination

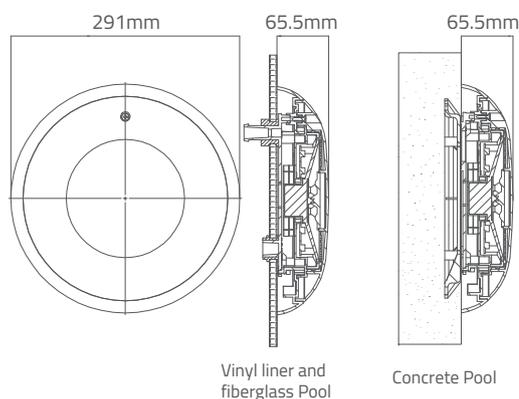


## RGB



## Product Information

Code	Model	Watt/ Voltage	Color	Illuminance (lux)
9042401	ARR30CW	30W/12V	Cool White (10000k)	1450
9042402	ARR30C	30W/12V	RGB	1700
9042404	ARR30B	30W/12V	Blue	300
9042403	ARR30W	30W/12V	Warm White (4000k)	1395



# E-Lumen Compact Light

For concrete, vinyl liner, and fiberglass pools

## 100% WATERPROOFED RESIN-FILLED LIGHT

E-Lumen Compact Light comes with the resin-filled LED panel. Its efficient use of energy offers great illumination at a low power consumption. The E-Lumen Compact is available in two models: the nicheless version is designed for fiberglass or steel panel pools, while the niche version is suitable for concrete pool installation.



Waterproof Standard

IP68

Setting Options

Niche / Nicheless

Material

Durable ABS Structure

Installation

Wall Mounted

Color



RGB



LED Blue

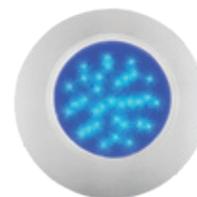
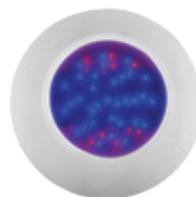
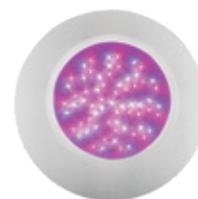
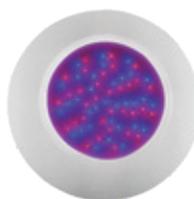


LED  
Warm White



LED  
Cool White

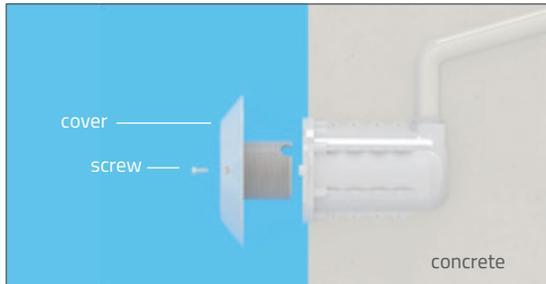
### Light Color



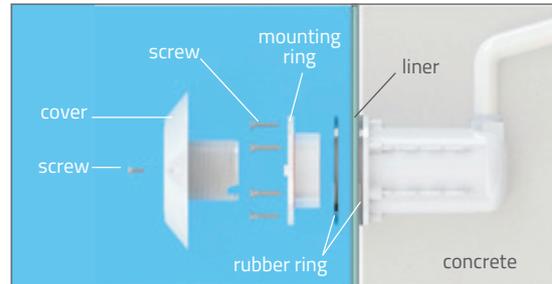
## Installation

### 1. NICHE VERSION

#### a. Concrete Pool

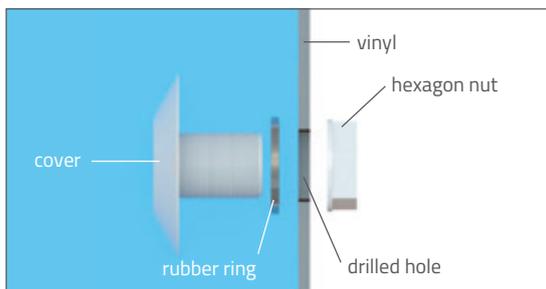


#### b. Concrete Pool with Liner

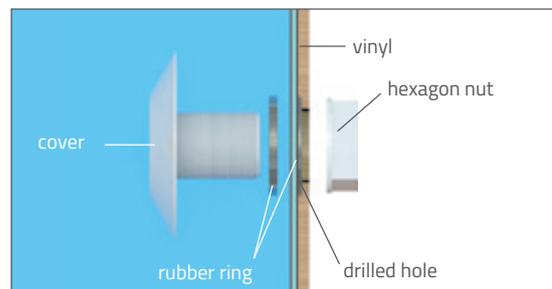


### 2. NICHELESS VERSION

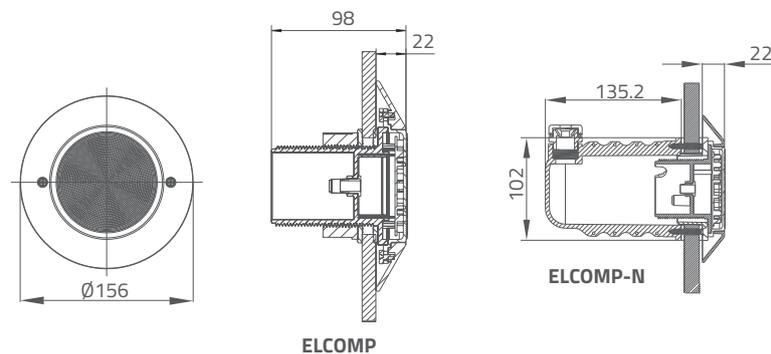
#### a. Fiberglass Pool



#### b. Steel Panel Pool with Liner



## Product Dimension



## Product Specifications

Code	Model	Description	Watt/Voltage	Illuminance (lux)	Remarks
9041905	EL-COMP-N	Plastic Light with Housing, 99 LEDs RGB	10W/12V	90	RGB
9041906	EL-COMP-N	Plastic Light with Housing, 99 LEDs Cool White	10W/12V	200	Cool White
9041907	EL-COMP-N	Plastic Light with Housing, 99 LEDs Warm White	10W/12V	212	Warm White
9041908	EL-COMP-N	Plastic Light with Housing, 99 LEDs Single Blue	10W/12V	20	Single Blue
9041901	EL-COMP	Plastic Light Nichless, 99 LEDs RGB	10W/12V	90	RGB
9041902	EL-COMP	Plastic Light Nichless, 99 LEDs Cool White	10W/12V	200	Cool White
9041903	EL-COMP	Plastic Light Nichless, 99 LEDs Warm White	10W/12V	212	Warm White
9041904	EL-COMP	Plastic Light Nichless, 99 LEDs Single Blue	10W/12V	20	Single Blue

# Ultra Slim LED Light

## INNOVATIVE ULTRA SLIM STYLE AND CUTTING-EDGE ILLUMINATION

Elevate your swimming experience with our cutting-edge ultra-thin pool lights! The Ultra Slim LED Light offers a sleek and elegant lighting solution that seamlessly integrates into your pool environment. Crafted from high-quality AISI-316 stainless steel, these lights are not only stylish but also easy to install and maintain.

With an impressive thickness of just 8 mm, our Ultra Slim LED lights blend effortlessly into your pool walls. Made from durable PC plastic, these lights are resistant to water and chemicals, ensuring longevity and exceptional value.



IP68 CE 

Waterproof Standard

IP68

Cable

2.5m

Material

Stainless Steel Face Ring  
Plastic Housing

Installation

Wall mounted (Housing type)

Color



RGB



LED  
Warm White



LED  
Cool White

### Product Features

- 1. Ultra-thin design** in 8 mm thickness.
- 2. The AISI-316 stainless steel** body ensures optimum corrosion resistance.
- 3. 100% Water Proofing** with our latest resin filled LED panel technology, the unit is totally waterproof.
- 4. Convenience** easy installation and maintenance.
- 5. Extremely energy-saving** and **Environmentally Friendly**.
- 6. LED life** exceeds 40,000 hours.



## Power Supply

Code	Model	Power	Input Voltage	Output Voltage	Photo
50928011	PV-12036	35W	AC220V	DC12V	
50928012	PV-12060S	60W	AC220V	DC12V	
50928013	PV-12100S	100W	AC220V	DC12V	
50928014	PV-12150S	150W	AC220V	DC12V	

## Controller for RGB Lights



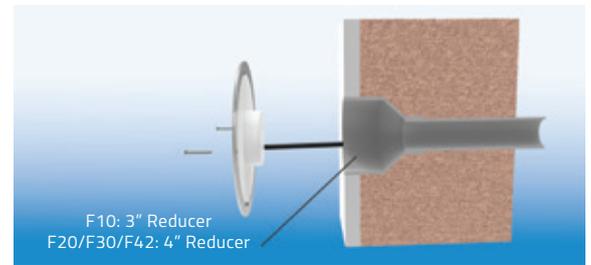
**Code:** 50922030  
**Model:** D015  
**Input power:** DC12-24V  
**Max.Output:** 15A / 180 Watt  
**RF frequency:** 2.4GHz/  
 Tuya APP Control

## Remote Controller

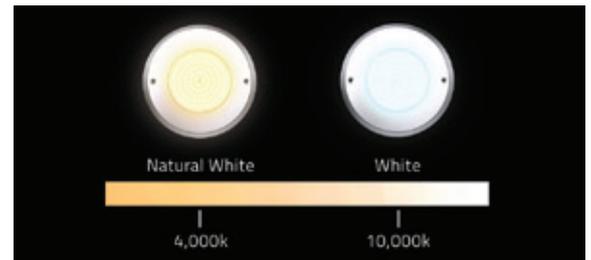


**Code:** 50922031  
**Model:** HX-RFBK-RGB-2.4G  
**Powered by:** DC3V  
**RF frequency:** 2.4GHz  
**RF distance:** 20M  
 8 dynamic modes

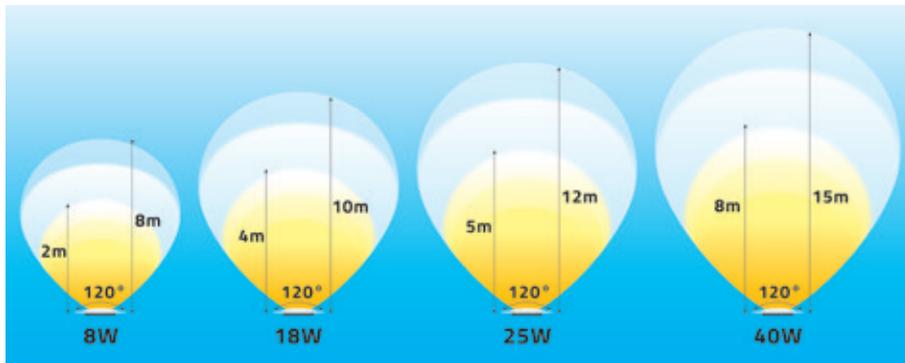
## Installation



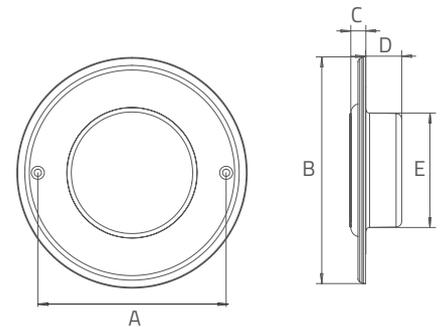
## Color Temperature



## Angle and Distance of Illumination



## Product Dimensions



## Product Information

Code	Model	Watt/ Voltage	Color	luminous Flux (lm)	LED Bulb	Face ring	A mm	B mm	C mm	D mm	E mm
9043104	EL-F10-CW	8W/12V AC/DC	Cool White (10000k)	550	63 LEDs Bulb	316SS	105	120	8	19	65
9043105	EL-F10-WW	8W/12V AC/DC	Warm White (4000k)	550	63 LEDs Bulb	316SS	105	120	8	19	65
9043106	EL-F10-RGB	8W/12V DC	RGB	550	63 LEDs Bulb	316SS	105	120	8	19	65
9043107	EL-F20-CW	18W/12V AC/DC	Cool White (10000k)	1150	252 LEDs Bulb	316SS	208	230	8	24	84
9043108	EL-F20-WW	18W/12V AC/DC	Warm White (4000k)	1150	252 LEDs Bulb	316SS	208	230	8	24	84
9043109	EL-F20-RGB	18W/12V DC	RGB	1150	252 LEDs Bulb	316SS	208	230	8	24	84
9043110	EL-F30-CW	25W/12V AC/DC	Cool White (10000k)	1450	324 LEDs Bulb	316SS	208	230	8	24	84
9043111	EL-F30-WW	25W/12V AC/DC	Warm White (4000k)	1450	324 LEDs Bulb	316SS	208	230	8	24	84
9043112	EL-F30-RGB	25W/12V DC	RGB	1450	324 LEDs Bulb	316SS	208	230	8	24	84
9043113	EL-F42-CW	40W/12V AC/DC	Cool White (10000k)	1650	522 LEDs Bulb	316SS	240	280	8	24	84
9043114	EL-F42-WW	40W/12V AC/DC	Warm White (4000k)	1650	522 LEDs Bulb	316SS	240	280	8	24	84
9043115	EL-F42-RGB	40W/12V DC	RGB	1650	522 LEDs Bulb	316SS	240	280	8	24	84

Note: For Cool White/Warm White, a DC Power supply or AC Transformer must be ordered separately or provided by the customer;  
 The RGB Control box must be ordered separately or provided by yourself.

# Housing Type Underwater Light

For concrete and vinyl pools

## P300 SERIES UNDERWATER LIGHT

PLASTIC NICHE LIGHT COMES IN WIDE RANGE POWER CHOICES

Waterproof Standard

IP68

Cable

2.5m

Material

ABS + UV Stabilizer

Installation

Wall Mounted (Housing Type)

Color



IP68 CE



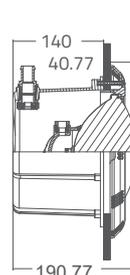
SAA



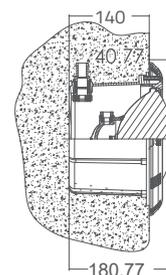
Model: LED P300



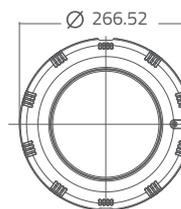
P300 Light Niche



For Vinyl Pool



For Concrete Pool



## P300 Series LED Light Color Changing



## P300 Series Light Product Information

Code	Model	Light	Watt/ Voltage	Color	Illuminance (lux)	Application
9040301	UL-P300C	PAR56 Light Bulb	300W/12V	Warm White	12600	Concrete Pool
9040306	UL-P300V	PAR56 Light Bulb	300W/12V	Warm White	12600	Vinyl Pool
9040305	LED-P300V	PAR56 144 LEDs Bulb	10W/12V	Cool White	200(Cool White)	Vinyl Pool
9040304	LED-P300V	PAR56 144 LEDs Bulb	10W/12V	Auto color changing	270(Color)	Vinyl Pool
9040302	LED-P300C	PAR56 144 LEDs Bulb	10W/12V	Cool White	200(Cool White)	Concrete Pool
9040303	LED-P300C	PAR56 144 LEDs Bulb	10W/12V	Auto color changing	270(Color)	Concrete Pool
9040308	LED-P300V	PAR56 252 LEDs Bulb	16W/12V	Cool White	400(Cool White)	Vinyl Pool
9040309	LED-P300V	PAR56 252 LEDs Bulb	16W/12V	RGB	590(Color)	Vinyl Pool
9040312	LED-P300V	PAR56 252 LEDs Bulb	16W/12V	RGB with remote control	590(Color)	Vinyl Pool
9040307	LED-P300C	PAR56 252 LEDs Bulb	16W/12V	Cool White	400(Cool White)	Concrete Pool
9040310	LED-P300C	PAR56 252 LEDs Bulb	16W/12V	RGB	590(Color)	Concrete Pool
9040311	LED-P300C	PAR56 252 LEDs Bulb	16W/12V	RGB with remote control	590(Color)	Concrete Pool

# NP300 Series Underwater Light

Waterproof Standard

**IP68**

Cable

**2.5m**

Material

**ABS + UV Stabilizer**

**S.S. or Plastic Face Ring**

Installation

**Wall Mounted (Housing Type)**



Model: NP300-P

Color



RGB



Auto Color Changing



UL White



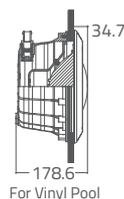
LED Cool White

**IP68**

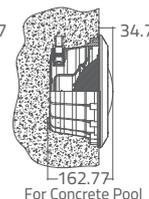
**CE**



**SAA**



For Vinyl Pool



For Concrete Pool

## NP300 Series Light Product Information

Code	Model	Face Ring	Light	Watt/Voltage	Color	Illuminance (lux)	Application	Remote Control
9040723	NP300-P	Plastic	PAR56 Light Bulb	300W/12V	Warm White	9300	Concrete Pool	No
9040724							Vinyl Pool	
9040703	LED-NP300-P	Plastic	PAR56 144 LEDs Bulb	10W/12V	Cool White	200(Cool White)	Vinyl Pool	No
9040701	LED-NP300-P	Plastic	PAR56 144 LEDs Bulb	10W/12V	Cool White	200(Cool White)	Concrete Pool	No
9040704	LED-NP300-P	Plastic	PAR56 144 LEDs Bulb	10W/12V	Auto color changing	270(Color)	Vinyl Pool	No
9040702	LED-NP300-P	Plastic	PAR56 144 LEDs Bulb	10W/12V	Auto color changing	270(Color)	Concrete Pool	No
9040718	LED-NP300-P	Plastic	PAR56 252 LEDs Bulb	16W/12V	RGB	590(Color)	Vinyl Pool	Yes
9040717	LED-NP300-P	Plastic	PAR56 252 LEDs Bulb	16W/12V	RGB	590(Color)	Concrete Pool	Yes
9040711	LED-NP300-P	Plastic	PAR56 252 LEDs Bulb	16W/12V	Cool White	400(Cool White)	Vinyl Pool	No
9040709	LED-NP300-P	Plastic	PAR56 252 LEDs Bulb	16W/12V	Cool White	400(Cool White)	Concrete Pool	No
9040712	LED-NP300-P	Plastic	PAR56 252 LEDs Bulb	16W/12V	Auto color changing	590(Color)	Vinyl Pool	No
9040710	LED-NP300-P	Plastic	PAR56 252 LEDs Bulb	16W/12V	Auto color changing	590(Color)	Concrete Pool	No
9040721	NP300-S	Stainless Steel	PAR56 Light Bulb	300W/12V	Warm White	9300	Concrete Pool	No
9040722							Vinyl Pool	
9040705	LED-NP300-S	Stainless Steel	PAR56 144 LEDs Bulb	10W/12V	Cool White	200(Cool White)	Vinyl Pool	No
9040707	LED-NP300-S	Stainless Steel	PAR56 144 LEDs Bulb	10W/12V	Cool White	200(Cool White)	Concrete Pool	No
9040706	LED-NP300-S	Stainless Steel	PAR56 144 LEDs Bulb	10W/12V	Auto color changing	270(Color)	Vinyl Pool	No
9040708	LED-NP300-S	Stainless Steel	PAR56 144 LEDs Bulb	10W/12V	Auto color changing	270(Color)	Concrete Pool	No
9040720	LED-NP300-S	Stainless Steel	PAR56 252 LEDs Bulb	16W/12V	RGB	590(Color)	Vinyl Pool	Yes
9040719	LED-NP300-S	Stainless Steel	PAR56 252 LEDs Bulb	16W/12V	RGB	590(Color)	Concrete Pool	Yes
9040713	LED-NP300-S	Stainless Steel	PAR56 252 LEDs Bulb	16W/12V	Cool White	400(Cool White)	Vinyl Pool	No
9040715	LED-NP300-S	Stainless Steel	PAR56 252 LEDs Bulb	16W/12V	Cool White	400(Cool White)	Concrete Pool	No
9040714	LED-NP300-S	Stainless Steel	PAR56 252 LEDs Bulb	16W/12V	Auto color changing	590(Color)	Vinyl Pool	No
9040716	LED-NP300-S	Stainless Steel	PAR56 252 LEDs Bulb	16W/12V	Auto color changing	590(Color)	Concrete Pool	No

## Accessories for NP300

Code	Model	Description
40506003	N/A	Vinyl Pool Fitting
9040726	N/A	Stainless Steel Face Ring
10505005	N/A	Lights Niche



Light Niche

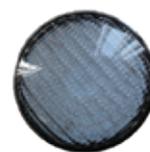


S.S. Face Ring

## LED Panels & Light Bulbs for P300 / NP300

High luminosity light bulb and the power-efficient LEDs with stunning colour changing effect are available for option.

Code	Model	Description	Color	Watt/Voltage
9042101	N/A	Par56 144 LEDs Bulb	Cool White	10W/12V
9042102	N/A	Par56 144 LEDs Bulb	Auto Color Changing	10W/12V
9042103	N/A	Par56 252 LEDs Bulb	Cool White	16W/12V
9042105	N/A	Par56 252 LEDs Bulb (with remote control)	Multi Color Options	16W/12V
9042104	N/A	Par56 252 LEDs Bulb	Auto Color Changing	16W/12V
9042106	N/A	Par56 171 LEDs Bulb	Cool White	25W/12V
9042107	N/A	Par56 171 LEDs Bulb	RGB-14 Modes	25W/12V
40501114	N/A	Par56 Light Bulb	Warm White	300W/12V



Par56 LED Light Bulb



Par56 Light Bulb



# S300 SERIES UNDERWATER LIGHT

## POLISHED STAINLESS STEEL LIGHT

A perfect choice for concrete pool and spa with recess installation

Waterproof Standard

IP68

Cable

2.5m

Material

Stainless Steel AISI 304

Installation

Wall Mounted (Housing Type)

Color



Auto Color Changing



UL White



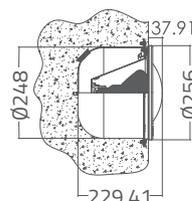
LED Cool White



UL-S300



UL-S300SN



IP68



## S300 Series Light Product Information

Code	Model	Light / Housing	Watt/Voltage	Color	Illuminance (lux)
9041505	LED-S300	S/S Light, E27(252 LEDs Bulb), with S/S housing	16W/12V	Auto color changing	330(Color)
9041506	LED-S300	S/S Light, E27(252 LEDs Bulb), with S/S housing	16W/12V	Cool White	280(Cool White)
9041503	LED-S300L	S/S Lamp, E27(252 LEDs Bulb), without housing	16W/12V	Auto color changing	330(Color)
9041504	LED-S300L	S/S Lamp, E27(252 LEDs Bulb), without housing	16W/12V	Cool White	280(Cool White)
9041502	UL-S300	S/S Light, E27, with S/S housing	300W/12V	Warm White	1630
9041501	UL-S300L	S/S Lamp, E27, without housing	300W/12V	Warm White	1630
9041507	UL-S300SN	Stainless Steel housing for S300	N/A	N/A	N/A

## LED Panels & Light Bulbs for S300

Code	Model	Description	Color	Watt/Voltage
40501114	N/A	E27 Light Bulb	Warm White	300W/12V
40501154	N/A	E27 252 LEDs Bulb	Auto Color Changing	16W/12V
40501155	N/A	E27 252 LEDs Bulb	Cool White	16W/12V



E27 Light Bulb

## S300 and S100 Series LED Light Auto Color Changing



# S100 SERIES UNDERWATER LIGHT

Waterproof Standard

IP68

Cable

2.5m

Material

Stainless steel AISI 304/Plastic

Installation

Wall Mounted (Housing Type)

Color



Auto Color Changing



UL White



LED Cool White



S100PN



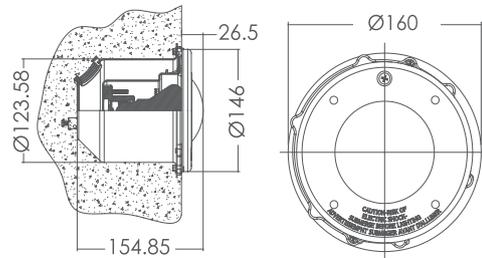
S100SN



UL-S100P



IP68



## S100 Series Light Product Information

Code	Model	Light / Housing	Watt/Voltage	Color	Illuminance (lux)
9041401	UL-S100S	S/S Light, E27 Bulb, with S/S housing	100W/12V	Warm White	200
9041404	UL-S100P	S/S Light, E27 Bulb, with Plastic housing	100W/12V	Warm White	200
9041407	UL-S100L	S/S Light, E27 Bulb, without housing	100W/12V	Warm White	200
9041402	LED-S100S	S/S Light, 18 LEDs Bulb, with S/S housing	1W/12V	Cool White	45(Cool White)
9041403	LED-S100S	S/S Light, 18 LEDs Bulb, with S/S housing	1W/12V	Auto color changing	60(Color)
9041405	LED-S100P	S/S Light, 18 LEDs Bulb, with Plastic housing	1W/12V	Cool White	45(Cool White)
9041406	LED-S100P	S/S Light, 18 LEDs Bulb, with Plastic housing	1W/12V	Auto color changing	60(Color)
9041408	LED-S100L	S/S Light, 18 LEDs Bulb, without housing	1W/12V	Cool White	45(Cool White)
9041409	LED-S100L	S/S Light, 18 LEDs Bulb, without housing	1W/12V	Auto color changing	60(Color)
9041410	LED-S100S	S/S Light, 72 LEDs Bulb, with S/S housing	5W/12V	Cool White	270(Cool White)
9041411	LED-S100S	S/S Light, 72 LEDs Bulb, with Plastic housing	5W/12V	Auto color changing	460(Color)
9041412	LED-S100P	S/S Light, 72 LEDs Bulb, with Plastic housing	5W/12V	Cool White	270(Cool White)
9041413	LED-S100P	S/S Light, 72 LEDs Bulb, with Plastic housing	5W/12V	Auto color changing	460(Color)
9041414	LED-S100L	S/S Light, 72 LEDs Bulb, without housing	5W/12V	Cool White	270(Cool White)
9041415	LED-S100L	S/S Light, 72 LEDs Bulb, without housing	5W/12V	Auto color changing	460(Color)
9041417	S100SN	Stainless Steel Housing	N/A	N/A	N/A
9041416	S100PN	Plastic Housing	N/A	N/A	N/A

## LED Panels & Light Bulbs for S100

Code	Model	Description	Color	Watt/Voltage
40501149	N/A	E27 Light Bulb	White	100W/12V
40501013	N/A	E27 18 LEDs Bulb	Auto Color Changing	1W/12V
40501012	N/A	E27 18 LEDs Bulb	White	1W/12V
40501142	N/A	E27 72 LEDs Bulb	Auto Color Changing	5W/12V
40501015	N/A	E27 72 LEDs Bulb	White	5W/12V



E27 Light Bulb for S100



E27 18 LEDs Bulb for S100

# H100 & H200 SERIES UNDERWATER LIGHT

## DELUXE POWERFUL HALOGEN IN SLIM NICHE For concrete pool and spa with a compact recess

Waterproof Standard  
IP68

Cable  
2.5m

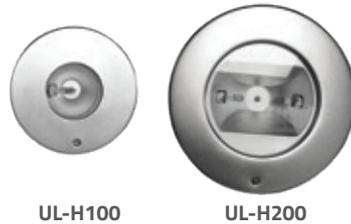
Material  
S.S. AISI 304

Installation  
Wall Mounted (Housing Type)

Color



UL White



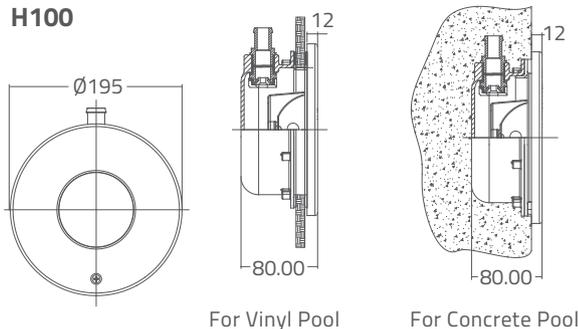
UL-H100

UL-H200



UL-H200

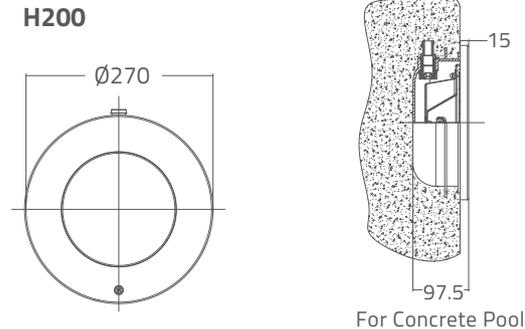
### H100



For Vinyl Pool

For Concrete Pool

### H200



For Concrete Pool



## Product Information

Code	Model	Light	Watt/ Voltage	Color	Illuminance (lux)	Application
9040901	UL-H100V	1 Halogen Light Bulb	75W/12V	Warm White	520	Vinyl Pool
9040902	UL-H100C	1 Halogen Light Bulb	75W/12V	Warm White	520	Concrete Pool
9041001	UL-H200C	2 Halogen Light Bulb	150W/12V	Warm White	830	Concrete Pool

## Light Bulb and Niches for H100/H200

Code	Model	Description	Watt/Voltage	Color
40501049	N/A	Halogen Light Bulb for UL-NS/UL-H	75W/12V	Warm White
12410008	N/A	Lights Niche-for UL H100	N/A	N/A
12410009	N/A	Lights Niche-for UL H200	N/A	N/A



UL-H Series Light Niche



Halogen Light Bulb for UL-NS / UL-H

# Spa Light

## P50 SERIES PLASTIC SPA LIGHT



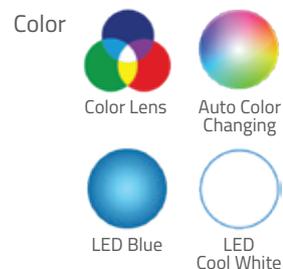
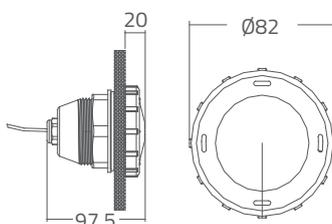
IP68 CE RoHS COMPLIANT

Waterproof Standard  
IP68

Material  
Plastic

Cable  
1.5m

Installation  
Wall Mounted (Housing Type)



### P50 Series Light Product Information

Code	Model	Light	Watt/Voltage	Color	Illuminance (lux)
9040101	UL-P50	MR16 Halogen Lamp	20W/12V	Color lens (Red/Green/Blue)	200(red),260(green),100(blue),700(no lens)
9040102	LED-P50	MR16, 18 LEDs Bulb	1W/12V	Cool White	200(Cool White)
9040103	LED-P50	MR16, 18 LEDs Bulb	1W/12V	Auto Changing Color	120(Color)
9040104	LED-P50	MR16, 18 LEDs Bulb	1W/12V	Blue	100(Blue)

### LED and Halogen Bulbs for P50 Series

Code	Model	Description	Watt/Voltage	Color
12435042	N/A	Concrete Housing for UL-P50	-	N/A
40501012	N/A	MR16 Two-pin 18 LEDs Bulb	1W/12V	Auto Color Changing
40501005	N/A	MR16 Two-pin 18 LEDs Bulb	1W/12V	Cool White
40501131	N/A	MR16 Halogen Lamp	20W/12V	Color lens (Red/Green/Blue)



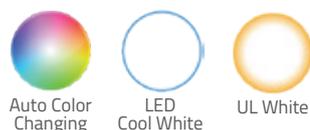
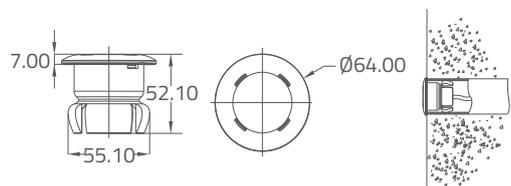
## P10 SERIES PLASTIC UNDERWATER LIGHT

Waterproof Standard  
IP68

Material  
ABS+ UV Stabilizer

Cable  
3m

Installation  
Wall Mounted  
(slip in 63mm Class 12PVC pipe)



Code	Model	Description	Watt/Voltage	Color	Illuminance (lux)
9040002	LED-P10	18 LEDs Bulb for Concrete Pool	1W/12V	Auto Color Changing	124
9040001	LED-P10	18 LEDs Bulb for Concrete Pool	1W/12V	Cool White	140
9040003	LED-P10	18 LEDs Bulb for Concrete Pool	1W/12V	Warm White	180

# Terra-Lux Light

For both installation in underwater or ground surface

## ENERGY SAVING, AND A WIDE RANGE OF APPLICATIONS



Model: TL-1C

Model: TL-1F

This small but powerful light is an ideal solution for saving energy while at the same time generates high level illumination from its 3W LED light source. The AISI-316 stainless steel body assures optimum corrosion resistance. The polished stainless steel surface is simply classic and elegant. The high grade ABS plastic niche is also durable and applicable for installations such as in-ground, pool wall, deck surface, and steps.

IP68 CE  SAA

### Waterproof Standard

IP68

### Cable

1.5m

### Material

AISI-316 Stainless Steel Light with durable ABS Plastic Housing

### Installation

Underwater/Floor



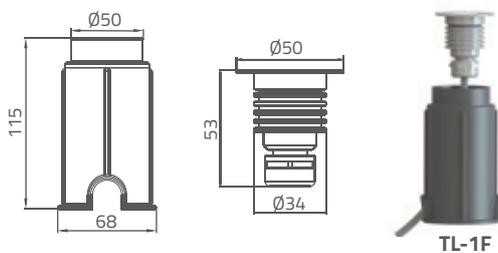
### Color



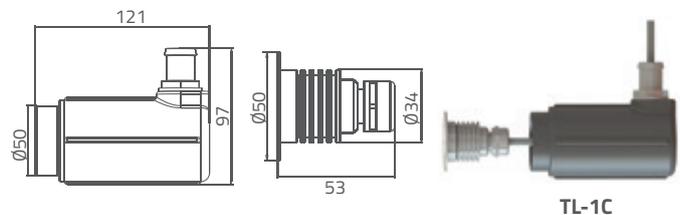
LED Cool White

LED Warm White

## Product Dimensions

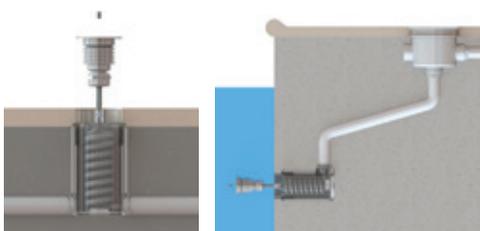


TL-1F



TL-1C

## Product Installation



TL-1F

TL-1C

## Product Information

Code	Model	Installation	Watt/Voltage	Color	Illuminance (lux)
9042003	TL-1F	Floor	3W/12V	Cool White, 6,000k	140
9042001	TL-1C	Wall	3W/12V	Cool White, 6,000k	140
9042004	TL-1F	Floor	3W/12V	Warm White, 3,000k	198
9042002	TL-1C	Wall	3W/12V	Warm White, 3,000k	198

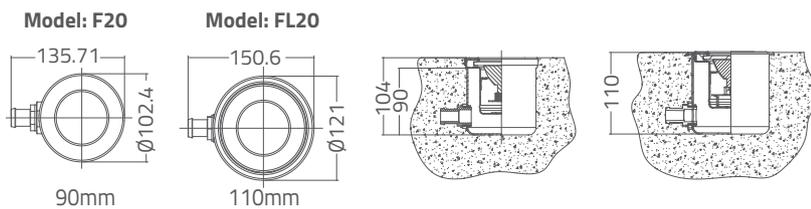
# F20/F20A Series Fountain Light

For colorful water features and fountain displays

## AUTOMATIC COLOR-CHANGING

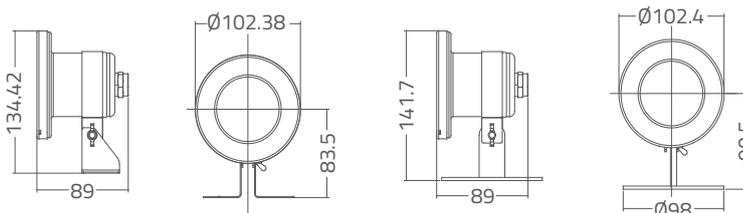
Waterproof Standard	Material
IP68	Stainless Steel AISI 304
Cable	Installation
2.5m	Floor Mounted

### F20 Series Fountain Light with a 90mm/110mm Stainless Steel Housing



Code	Model	Watt/Voltage	Illuminance (lux)	Description
9041701	UL-F20	20W/12V	1039	MR16 Halogen Lamp, Warm White, 90mm Housing
9041704	UL-FL20	20W/12V	1039	MR16 Halogen Lamp, Warm White, 110mm Housing
9041708	LED-F20	1W/12V	80 (Cool White)	MR16 Two-Pin, 18 LEDs Bulb, / Cool White/ 90mm Housing
9041709	LED-F20	1W/12V	130 (Color)	MR16 Two-Pin, 18 LEDs Bulb, / Automatic Changing Color / 90mm Housing
9041712	LED-F20	1W/12V	/	MR16 Two-Pin, 18 LEDs Bulb, / Blue/ 90mm Housing
9041706	LED-FL20	1W/12V	130 (Color)	MR16 Two-Pin, 18 LEDs Bulb, Automatic Changing Color, 110mm Housing
9041705	LED-FL20	1W/12V	80 (Cool White)	MR16 Two-Pin, 18 LEDs Bulb, Cool White, 110mm Housing
9041711	LED-FL20	1W/12V	/	MR16 Two-Pin, 18 LEDs Bulb, Blue, 110mm Housing

### F20A Series Fountain Light with a Stainless Steel base



Code	Model	Watt/Voltage	Illuminance (lux)	Description
9041707	UL-F20A	20W/12V	1039	MR16 Halogen Lamp, Warm White
9041702	LED-F20A	1W/12V	80 (White)	MR16 Two-Pin, 18 LEDs Bulb, Cool White
9041703	LED-F20A	1W/12V	130 (Color)	MR16 Two-Pin, 18 LEDs Bulb, Automatic Changing Color
9041710	LED-F20A	1W/12V	80 (Blue)	MR16 Two-Pin, 18 LEDs Bulb, Blue

### Light Bulb for F20 and F20A Series Light

Code	Model	Watt/Voltage	Description
40501006	N/A	1W/12V	MR16 Two-Pin, 18 LEDs Bulb, Automatic Changing Color
40501005	N/A	1W/12V	MR16 Two-Pin, 18 LEDs Bulb, Cool White
40501008	N/A	1W/12V	MR16 Two-Pin, 18 LEDs Bulb, Blue
40501131	N/A	20W/12V	MR16 Halogen Lamp, Color lens (RGB)



# Glow+ LED Strip

Flexible IP68 Linear Lighting for pools and water features

## AESTHETIC UNDERWATER LIGHTING EFFECT

Glow+ is an extendable and top view flexible LED strip for creating underwater profile lighting. The flexible linear design fits to any shapes or sizes of pools that have straight or curved profiles. Its completely waterproof feature enables it to be widely used in swimming pool, spa, and water features.



Material  
Modified PVC

Working Voltage  
24VDC

Rated Power/M  
10W per meter

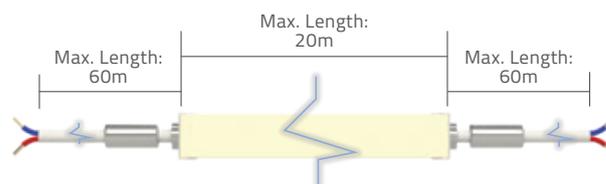
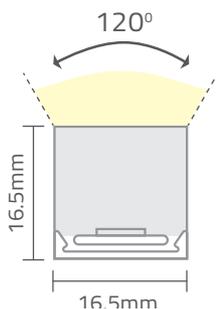
Color intensity option  
6500K/5700K/5000K/  
4500K/4000K/3500K/  
3000K/2700K

Light strip bending radius  
12cm

IP Rating  
IP68

### Main Features:

- Lengths of up to 20m minimize the number of required connections.
- Its waterproof, UV, saltwater, flame, solvents and dirt resistant characteristics provide a long, maintenance-free life.
- Waterproof accessories allow safe and easy installation and connection.
- Certificated LM-80 and ANSI C78.377 LED lighting standards and IK08 for external impact resistance.
- Available in range of white CCT intensity from 2700K-6500K for ambient matching.
- 120-degree beam angle. Flat rectangular diffuser surface provides a smooth profile.
- Manual or Wireless remote dimmer is available for adjusting lighting effects.



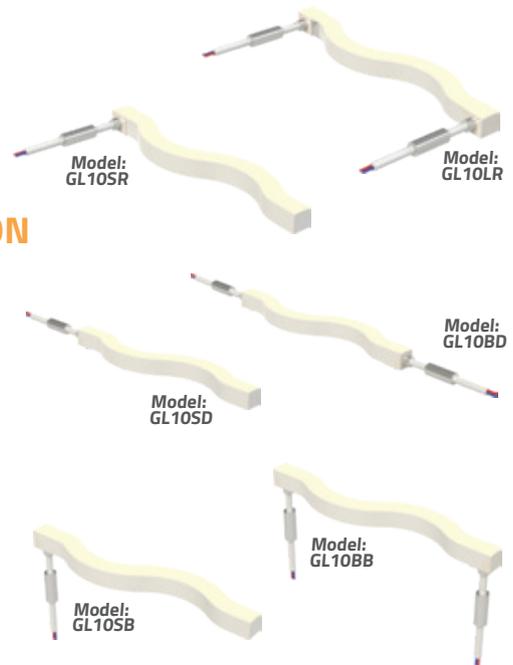
RoHS

Code	Model	Description
9042915	GL10	White LED Strip 0.5m - max. 20m length, Color intensity 2700 - 6500K

## LED STRIP (10M LENGTH) ORDER CONFIGURATION

Code	Model	Description
9042901	GL10SR	Power connector side right (For 0.5-10m LED Strip)
9042903	GL10SL	Power connector side left (For 0.5-10m LED Strip)
9042905	GL10LR	Power connector side both (For 10.5-20m LED Strip)
9042907	GL10SD	Power connector side direct (For 0.5-10m LED Strip)
9042909	GL10BD	Power connector side both direct (For 10.5-20m LED Strip)
9042911	GL10SB	Power connector side bottom (For 0.5-10m LED Strip)
9042913	GL10BB	Power connector side both bottom (For 10.5-20m LED Strip)

Code example: 9042915 (5m length, 3000K) + 9042901 = 5m LED strip 3000K with power connector side right.



## Recommended Dimmer And Power Supply

24V DC power supply provides LED strip power source and dimmer with remote control to adjust the brightness of the strip.

Code	Model	Description
40501088	Dimmer Controller	LED Dimmer with remote
50903018	Power Supply HLG 240H 24	24V, 240W, 100-240V AC 50/60pHz input voltage, IP67 (For 0.5-20m LED Strip)
50903019	Power Supply HLG 120H 24	24V, 120W, 100-240V AC 50/60Hz input voltage, IP67 (For 0.5-10m LED Strip)



## Mounting Accessories

2 available lengths of plastic mounting clips for light strip installation and one stainless steel clip for corner reinforcement.

Code	Model	Description	Photo
51110006	GLPMC	Plastic Mounting Clips Transparent 35mm	
51110007	GLPMC1M	Plastic Mounting Channel Transparent 1m	
51110008	GLSMC	Stainless steel Mounting Clip 5cm	
10519001	GLDIYSC	DIY End Connector Kit	

# Light Control Box

Remote control for RGB lights. Electrical overload and leakage protection

## WEATHERPROOF FOR OUTDOOR INSTALLATION

The AC power of 600W at maximum feed into the control box is divided into 2 circuits which can each support a load up to 300W. The control for lights on the same line is by nature synchronized and synchronization of control over both lines (all lights) is also possible.



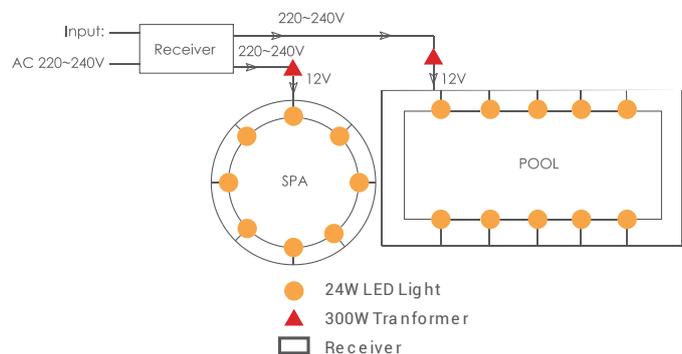
### Product Features:

1. IP44 rating, suitable for outdoor use
2. Maximum load of 600W with power indicator
3. Made from fire-proof PC material
4. Panel control mode and remote control mode
5. The hand-held remote control interacts with the control box from a distance
6. Simple and easy operation with 4 keys
7. 10 effects are all sequentially numbered. The "RESET" key set all lights to the first effect
8. "POOL" and "SPA" keys are used to change the lighting effects connected to the pool circuit and the spa circuit respectively

### Product Information

With Remote Controller

Code	Model	Description
9110101	RGB-CB	2*300W/220-240V/50/60Hz
9110102	RGB-CB	2*300W/110V/ 50/60Hz



# Transformer and Junction Box

For all kinds of pool lighting

## 12V LIGHT TRANSFORMER



Code 230V (50/60Hz)	Code 240V (50/60Hz)	Code 120V (60Hz)	Model
9180101	9180102	9180103	TRA-10VA
9180104	9180105	9180106	TRA-50VA
9180107	9180108	9180109	TRA-105VA
9180110	9180111	9180112	TRA-150VA
9180113	9180114	9180115	TRA-300VA
9180116	9180117	9180118	TRA-600VA

## ENSURE VERSATILITY AND SAFETY

1. Low voltage for new construction or replacement lighting system application
2. Fully enclosed waterproof outdoor design
3. Flexible cable wiring and connection
4. Compact size for any placement
5. Models at different power ratings to suit the entire range of Emaux lighting

## WATERPROOF JUNCTION BOX

For flush installation in pool deck



Code	Model	Description
91602301	EM2823A	Junction Box only
91602302	EM2823B	With adaptors
91602303	EM2823C	Complete set with 1m hose and adaptors





# ***POOL FITTINGS***



# Outlet Fittings

## HEAVY DUTY SKIMMER

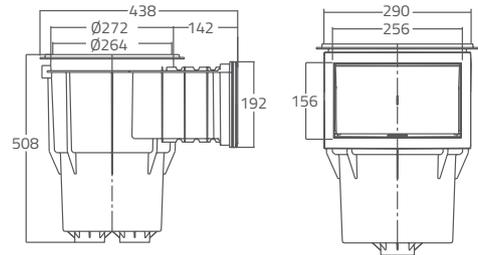
### Standard Wall Heavy Duty Skimmer (EM0030)



EM0030RV EM0030RC



EM0030SV EM0030SC



Code	Model	Application	Flow Rate (L/min)
91600305	EM0030-RV	Vinyl Pool (Round Cover)	150 - 200
91600303	EM0030-RC	Concrete Pool (Round Cover)	150 - 200
91600309	EM0030-SV	Vinyl Pool (Square Cover)	150 - 200
91600307	EM0030-SC	Concrete Pool (Square Cover)	150 - 200

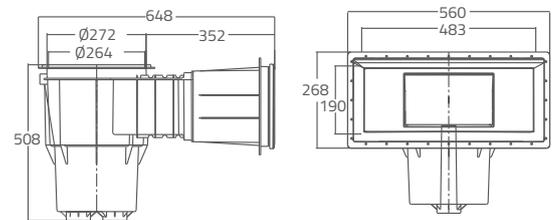
### Wide Mouth Wall Heavy Duty Skimmer (EM0040)



EM0040RV EM0040RC



EM0040SV EM0040SC



Code	Model	Application	Flow Rate (L/min)
91601005	EM0040-RV	Vinyl Pool (Round Cover)	150 - 200
91601003	EM0040-RC	Concrete Pool (Round Cover)	150 - 200
91601009	EM0040-SV	Vinyl Pool (Square Cover)	150 - 200
91601007	EM0040-SC	Concrete Pool (Square Cover)	150 - 200

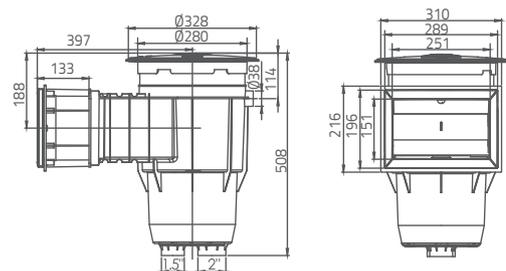
### Heavy Duty Skimmer With Extension (EM0050)



EM0050RV EM0050RC



EM0050SV EM0050SC



Code	Model	Application	Flow Rate (L/min)
91600903	EM0050-RV	Vinyl Pool (Round Cover)	150 - 200
91600901	EM0050-RC	Concrete Pool (Round Cover)	150 - 200
91600907	EM0050-SV	Vinyl Pool (Square Cover)	150 - 200
91600905	EM0050-SC	Concrete Pool (Square Cover)	150 - 200

# Corrosion-Proof Unibody Construction

The heavy-duty skimmer can be used for residential and commercial swimming pools suitable for concrete, fiberglass, and vinyl surfaces. The 3 models are injection molded and made with UV resistant ABS material; the reinforced material provides the maximum strength and durability for all weather conditions. The design allows 1.5" or 2" suction connections to the piping.

## Exploded diagram



## Product Features:

1. Suitable for 1.5" and 2" piping
2. Knockout overflow / fill port
3. A large debris collection basket
4. Snap-in and removable weir
5. Optional accessories:
  - a. Stackable extension collar allows infinite vertical height
  - b. Stackable extension throat allows variable horizontal length

## Heavy Duty Skimmer Accessories



**Wide Mouth Extension**  
Code: 11503031



**Extension Throat**  
(wide) Code: 01050023  
(narrow) Code: 11503042



**Extension Collar**  
Code: 11503044



**Basket with Plastic Handle**  
Code: 41202170



**Square Dress Ring**  
Code: 11503012



**Round Dress Ring**  
Code: 11503027



**Skimmer Cover**  
Code: 41202031



**Vacuum Plate**  
Code: 12431002



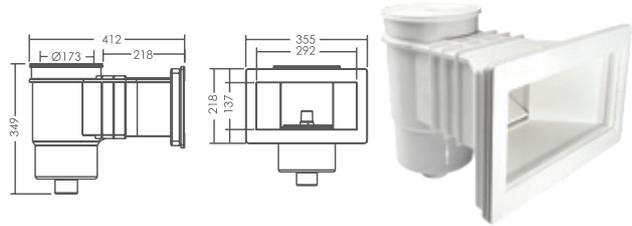
**90° Vacuum  
Hose Connector**  
Code: 12403042

# SKIMMER

## 9.5L Wall Skimmer (EM0010)



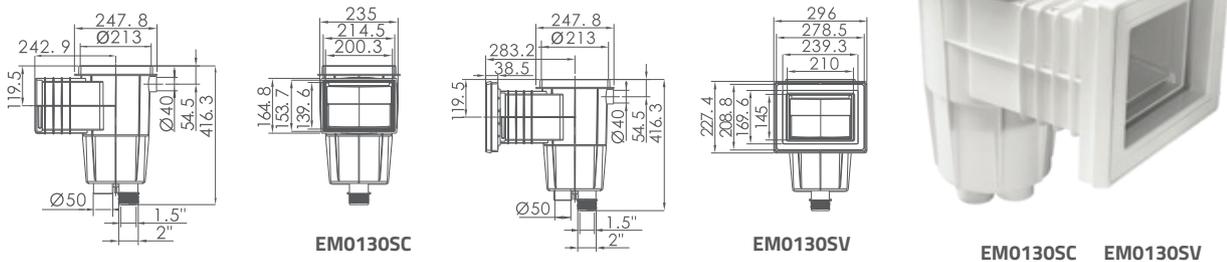
## 9.5L Wide Mouth Wall Skimmer (EM0020)



Code	Model	Connection	Application	Flow Rate (L/min)
91600302	EM0010-RV	1.5" Internal Threaded	Vinyl Pool	150
91600301	EM0010-RC	1.5" Internal Threaded	Concrete Pool	150

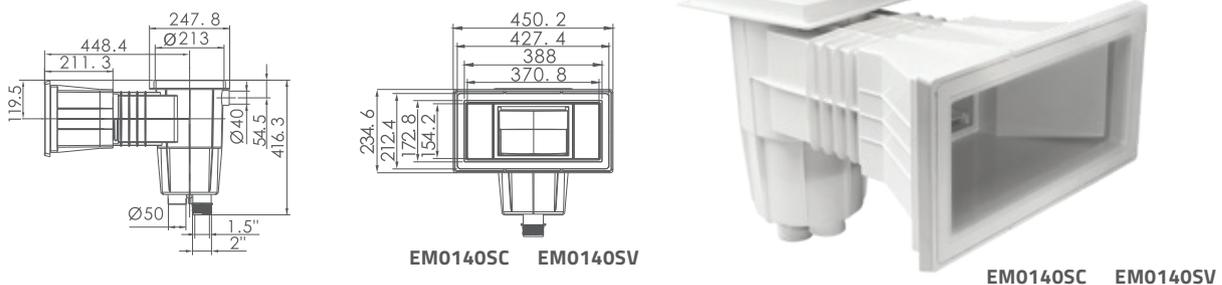
Code	Model	Connection	Application	Flow Rate (L/min)
91601002	EM0020-RV	1.5" Internal Threaded	Vinyl Pool	150
91601001	EM0020-RC	1.5" Internal Threaded	Concrete Pool	150
91601015	EM0020T-RV	1.5" Internal Threaded	Vinyl Pool (with brass inserts)	150

## 15L Standard Wall Skimmer (EM0130)



Code	Model	Connection	Application	Flow Rate (L/min)
91600315	EM0130-SC	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Concrete Pool	150 - 200
91600316	EM0130-SV	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Vinyl Pool	150 - 200
91600320	EM0130TS-SV	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Vinyl Pool (without brass inserts)	150 - 200

## 15L Wide Mouth Wall Skimmer (EM0140)

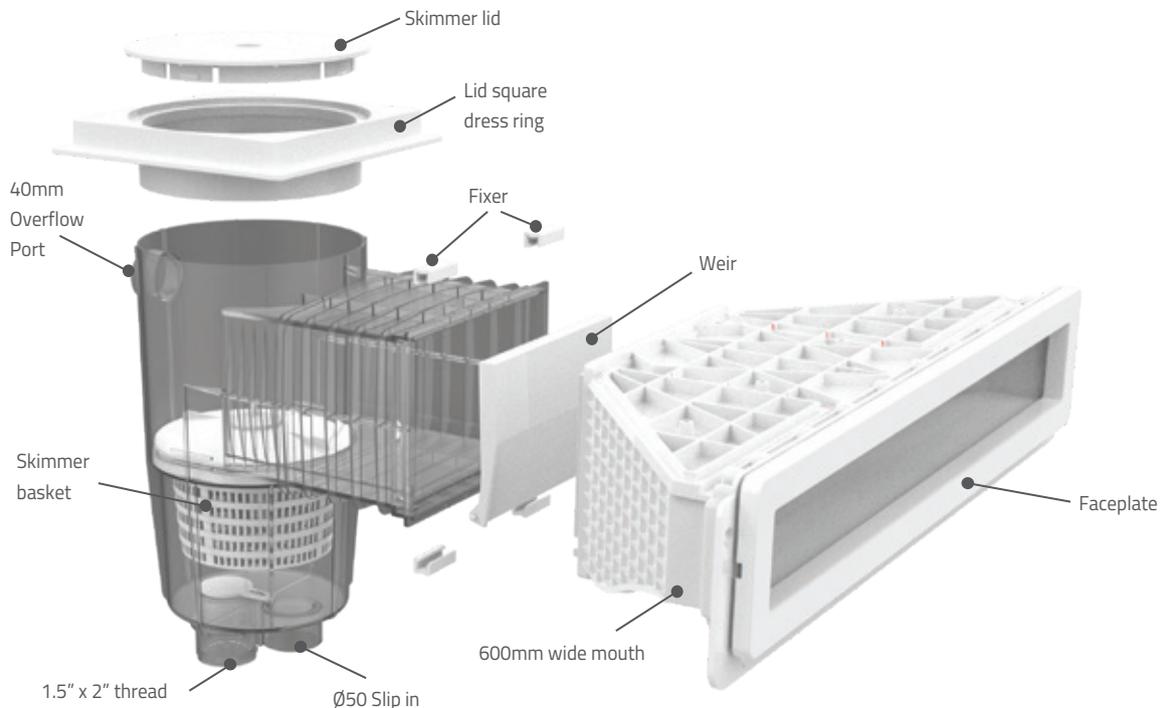
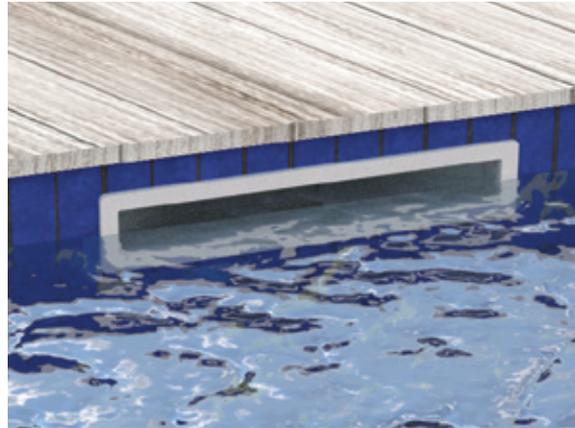


Code	Model	Connection	Application	Flow Rate (L/min)
91601013	EM0140-SC	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Concrete Pool	150 - 200
91601014	EM0140-SV	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Vinyl Pool	150 - 200
91601016	EM0140TS-SC	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Concrete Pool (without brass inserts)	150 - 200
91601017	EM0140TS-SV	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Vinyl Pool (without brass inserts)	150 - 200

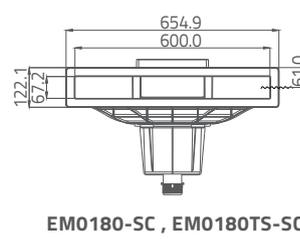
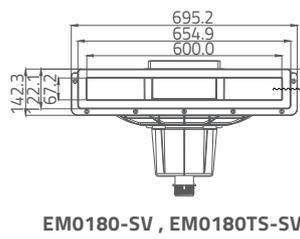
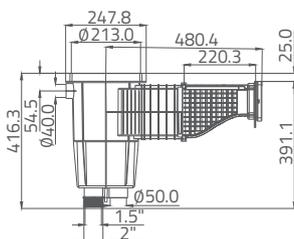
# SURFACE SKIMMER

## Elegant & Functional

This 600mm wide surface skimmer enables the water line to be close to the pool deck level and creates an elegant finish similar to an overflow pool. A wide skimmer mouth and a large basket maximize water circulation and skimming efficiency.



### 15L Surface Wall Skimmer (EM0180)



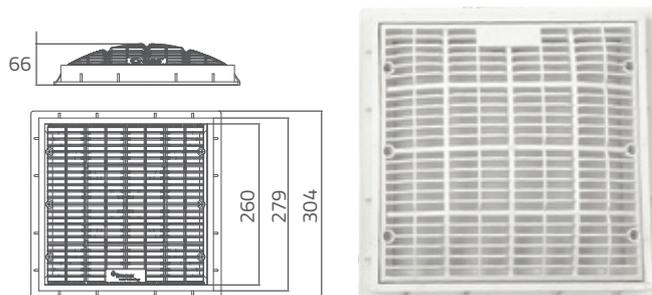
Code	Model	Connection	Application	Flow Rate (L/min)
91601022	EM0180-SC	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Concrete Pool	150 - 200
91601023	EM0180-SV	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Vinyl Pool	150 - 200
91601024	EM0180TS-SC	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Concrete Pool (without brass inserts)	150 - 200
91601025	EM0180TS-SV	1.5" and 2" Internal Threaded and 1.5" Solvent Internal	Vinyl Pool (without brass inserts)	150 - 200

# VGB ANTI-VORTEX MAIN DRAIN

## High Quality Standard

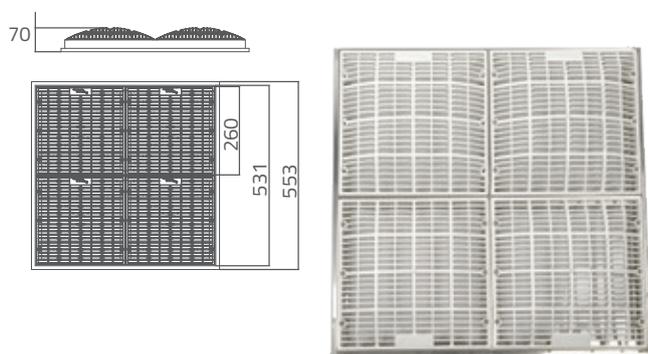
This series of Main Drains comply with provisions of ANSI/APSP-16 2011 standard and the Virginia Graeme Baker Pool and Spa Safety Act. High quality main drains are made of chemical and UV resistant ABS.

### Main Drain (EM2813)



Code	Model	Size	Flow Rate (L/min)
91600509	EM2813	260 x 260mm	900

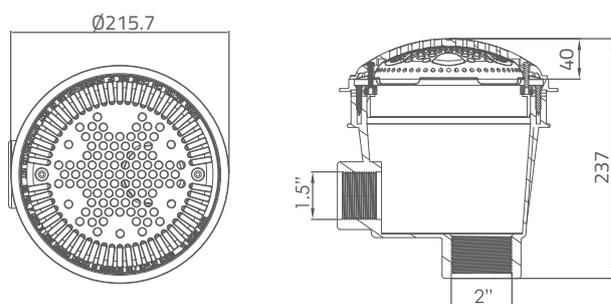
### Main Drain (EM2816) (with AISI 316 Stainless Steel Frame)



Code	Model	Size	Flow Rate (L/min)
91600510	EM2816	531 x 531mm	3600



### Main Drain (EM2815)

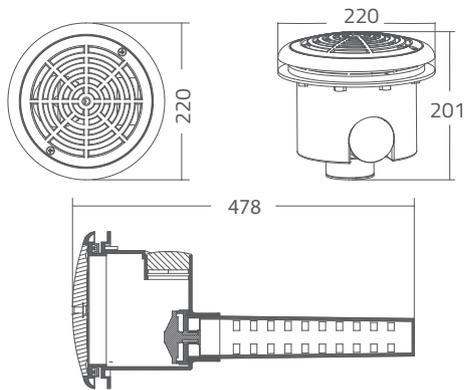


Code	Model	Connection	Application	Flow Rate (L/min)
91600511	EM2815C	1.5" / 2" Internal Threaded	Concrete Pool	240
91600512	EM2815V	1.5" / 2" Internal Threaded	Vinyl Pool	240



# MAIN DRAIN

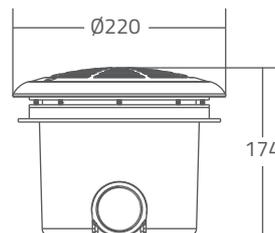
## 2" Main Drain (EM2833)



Code	Model	Connection	Description	Flow Rate (L/min)
91600504	EM2833HC	2" Internal Threaded	For Concrete Pool with Hydrostatic Relief Valve & Collection Tube	240
91600505	EM2833HV	2" Internal Threaded	For Vinyl Pool with Hydrostatic Relief Valve & Collection Tube	240
91600503	EM2833C	2" Internal Threaded	For Concrete Pool	240
91600506	EM2833V	2" Internal Threaded	For Vinyl Pool	240
91600402	--	--	Hydrostatic Relief Valve	N/A
11510001	--	--	Hydrostatic Relief Valve Collection Tube Only	N/A

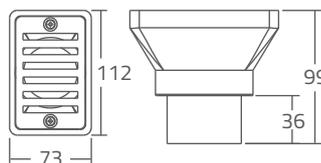


## 1.5" Main Drain



Code	Model	Connection	Application	Flow Rate (L/min)
91600507	EM2832C	1.5" Internal Threaded	Concrete Pool	150
91600508	EM2832V	1.5" Internal Threaded	Vinyl Pool	150

## Gutter Drain



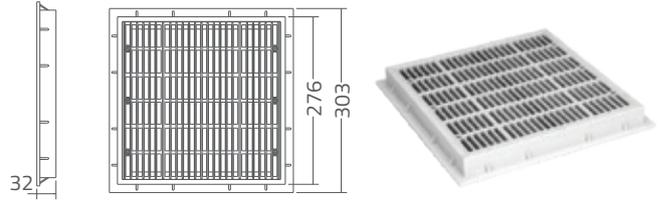
Code	Model	Connection	Measure	Flow Rate (L/min)
91600801	EM2819(A1)	1.25" Solvent	Imperial	92
91600802	EM2819(A2)	1.5" Solvent	Imperial	150
91600803	EM2819(A3)	2" Solvent	Imperial	240
91600804	EM2819(E1)	50mm Solvent	Metric	150
91600805	EM2819(E2)	63mm Solvent	Metric	240

## Round Drain Cover (EM2830)



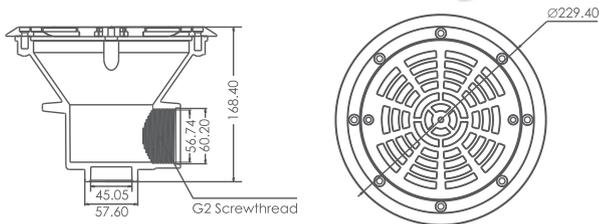
Code	Model	Size	Flow Rate (L/min)
91600502	EM2830	195mm Diameters	558

## Square Drain Cover (EM2812)



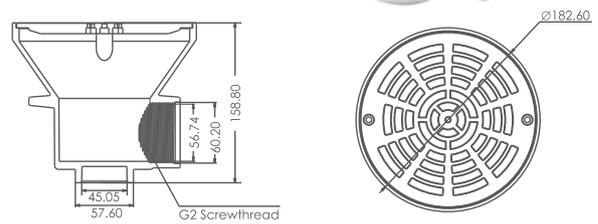
Code	Model	Size	Flow Rate (L/min)
91600501	EM2812	276 x 276 mm	558

## Main Drain EM2837



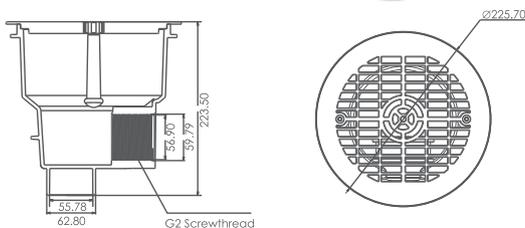
Code	Model	Connection	Application	Flow Rate (L/min)
91600514	EM2837	G2A Internal Threaded	Vinyl and Liner Pool	217
91600523	EM2837TS	G2A Internal Threaded	Vinyl and Liner Pool (without brass inserts)	217

## Main Drain EM2838



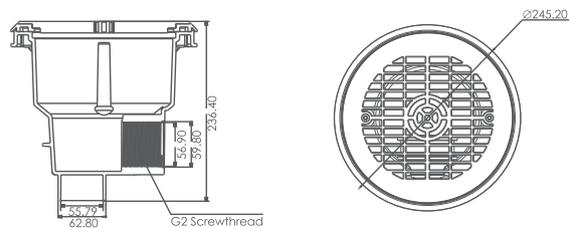
Code	Model	Connection	Application	Flow Rate (L/min)
91600515	EM2838	G2A Internal Threaded	Concrete Pool	217

## Main Drain EM2839



Code	Model	Connection	Application	Flow Rate (L/min)
91600516	EM2839	G2A Internal Threaded	Concrete Pool	217

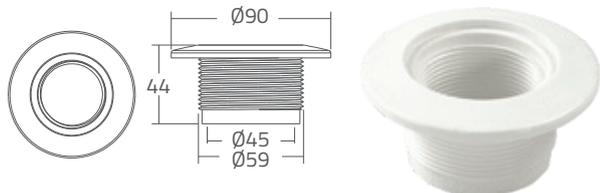
## Main Drain EM2840



Code	Model	Connection	Application	Flow Rate (L/min)
91600517	EM2840	G2A Internal Threaded	Vinyl Pool	217

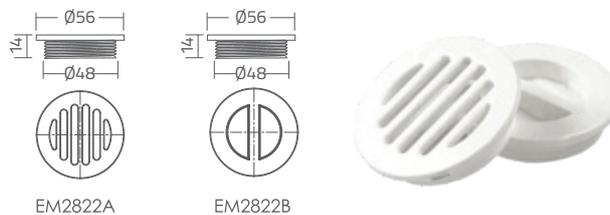
# SUCTION FITTING AND VACUUM

## Suction Fitting



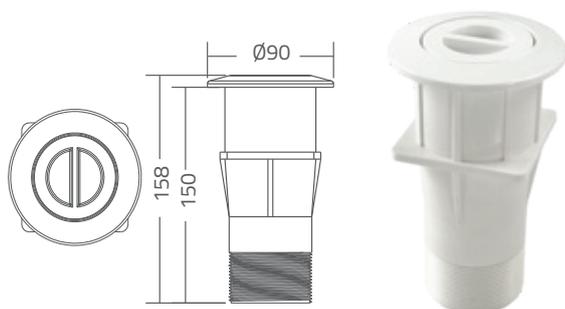
Code	Model	Flow Rate (L/min)
91601501	EM2822	150

## Cover of Suction Fitting



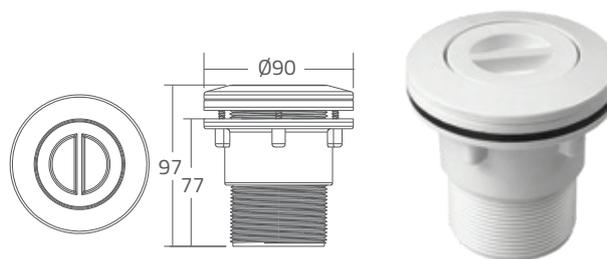
Code	Model	Flow Rate (L/min)
91601502	EM2822A	115
91601503	EM2822B	Nil

## Vacuum Fitting (EM2827C) (Concrete Pool)



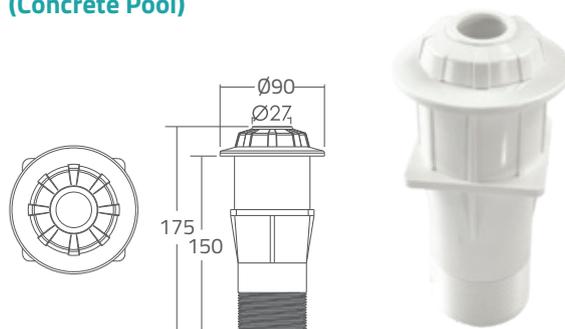
Code	Model	Connection	Measure	Flow Rate (L/min)
91601504	EM2827C(A)	1.5"	Imperial	150
91601506	EM2827C(E)	50mm	Metric	150

## Vacuum Fitting (EM2827V) (Vinyl Pool)



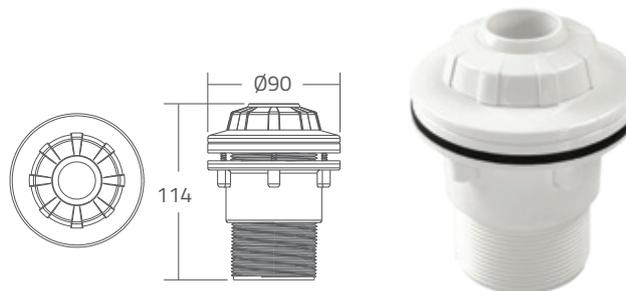
Code	Model	Connection	Measure	Flow Rate (L/min)
91601505	EM2827V(A)	1.5"	Imperial	150
91601507	EM2827V(E)	50mm	Metric	150

## Outlet Fitting (EM2828C) (Concrete Pool)



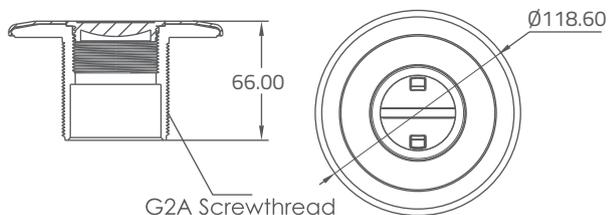
Code	Model	Connection	Measure	Flow Rate (L/min)
91601201	EM2828C(A)	1.5"	Imperial	69
91601203	EM2828C(E)	50mm	Metric	69

## Outlet Fitting (EM2828V) (Vinyl Pool)



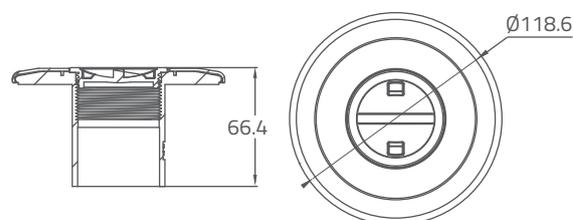
Code	Model	Connection	Measure	Flow Rate (L/min)
91601202	EM2828V(A)	1.5"	Imperial	69
91601204	EM2828V(E)	50mm	Metric	69

## Vacuum Fitting (EM2831) Concrete Pool



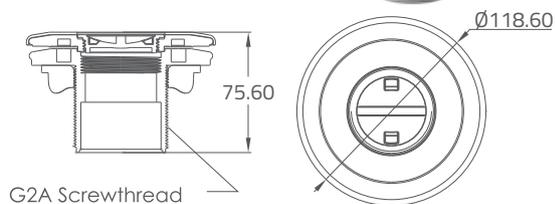
Code	Model	Connection	Flow Rate (L/min)
91601508	EM2831(A)	1.5" Solvent, G2A Screwthread	150-240
91601509	EM2831(E)	50mm Solvent, G2A Screwthread	150-240

## Vacuum Fitting (EM2848) (Concrete Pool)



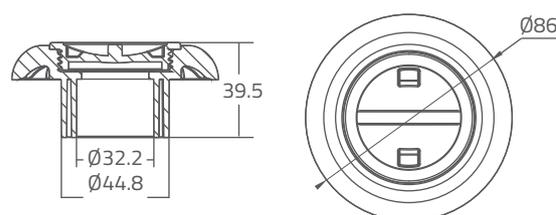
Code	Model	Connection	Measure	Flow Rate (L/min)
91601518	EM2848(A)	1.5" / 2" Class 12 Solvent	Imperial	150-240
91601520	EM2848(A1)	2" Class 15 Solvent	Imperial	150-240
91601519	EM2848(E)	50mm / 63mm PN10 Solvent	Metric	150-240
91601521	EM2848(E1)	63mm PN16 Solvent	Metric	150-240

## Vacuum Fitting (EM2836) (Vinyl Pool)



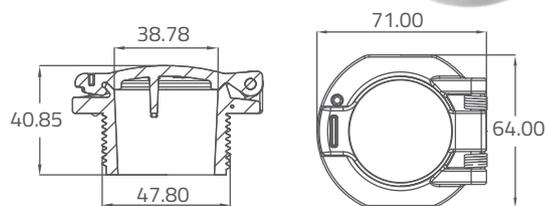
Code	Model	Connection	Brass Inserts	Flow Rate (L/min)
91601510	EM2836A	1.5" Solvent, G2A Screwthread	Yes	150-240
91601511	EM2836E	50mm Solvent, G2A Screwthread	Yes	150-240
91601516	EM2836A TS	1.5" Solvent, G2A Screwthread	No	150-240
91601517	EM2836E TS	50mm Solvent, G2A Screwthread	No	150-240

## Vacuum Fitting (EM2857E) (Concrete Pool)

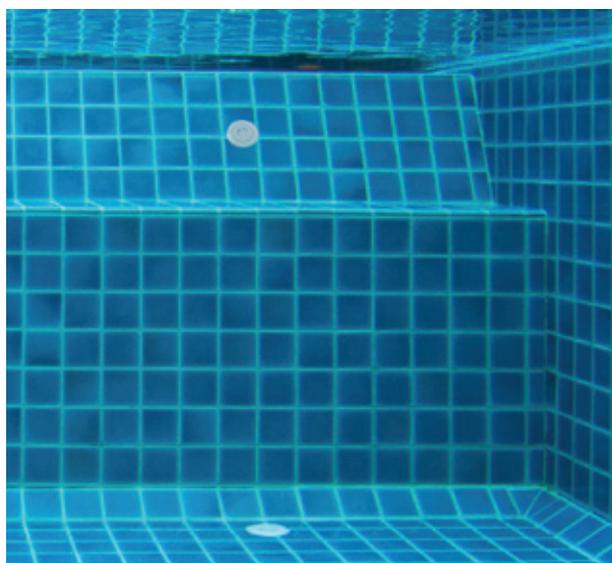


Code	Model	Connection	Flow Rate (L/min)
91601526	EM2857(E)	32mm/GB50 PN10	50-100

## Vacuum Lock Safety Wall Fitting (EM2855)



Code	Model	Connection	Measure	Flow Rate (L/min)
91601522	EM2855	38mm Solvent, G1.5A Screwthread	Imperial	150-240

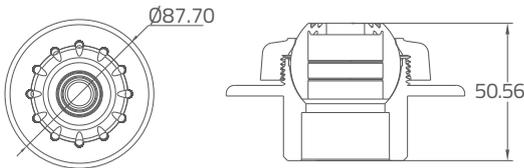


# Inlet Fittings

## RETURN INLET

### Return Inlet (EM4408)

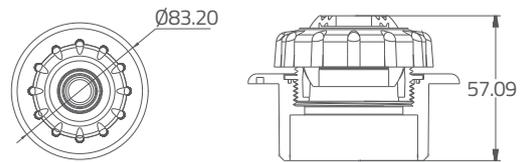
1. For concrete pool
2. Adjustable angle



Code	Model	Connection	Flow Rate (L/min)
91601211	EM4408(A)	1"/1.5" Class 12 Solvent	50/150
91601234	EM4408(A1)	1"/1.5" Class 15 Solvent	50/150
91601212	EM4408(E)	32mm/50mm PN10 Solvent	50/150
91601235	EM4408(E1)	32mm/50mm PN16 Solvent	50/150

### Return Inlet (EM4409)

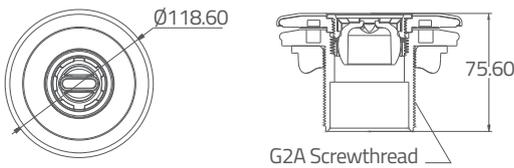
1. For concrete pool
2. Adjustable angle



Code	Model	Connection	Flow Rate (L/min)
91601213	EM4409(A)	1.5"/2" Class 12 Solvent	150/240
91601236	EM4409(A1)	2" Class 15 Solvent	150/240
91601214	EM4409(E)	50mm/63mm PN10 Solvent	150/240
91601237	EM4409(E1)	63mm PN16 Solvent	150/240

### Return Inlet (EM4412)

1. For vinyl pool
2. Recommended wall conduit EM2842
3. Adjustable angle



Code	Model	Connection	Brass Inserts	Flow Rate (L/min)
91601219	EM4412(A)	1.5" Solvent, G2A Screwthread	Yes	150
91601220	EM4412(E)	50mm Solvent, G2A Screwthread	Yes	150
91601227	EM4412A TS	1.5" Solvent, G2A Screwthread	No	150
91601228	EM4412E TS	50mm Solvent, G2A Screwthread	No	150

### Return Inlet (EM4413)

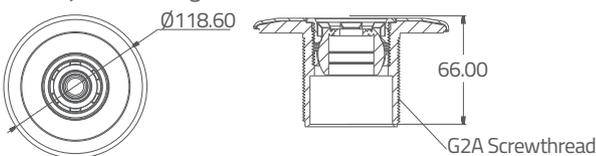
1. For concrete pool
2. Adjustable angle



Code	Model	Connection	Flow Rate (L/min)
91601221	EM4413(A)	1.5"/2" Class 12 Solvent	150
91601238	EM4413(A1)	2" Class 15 Solvent	150
91601222	EM4413(E)	50mm/63mm PN10 Solvent	150
91601239	EM4413(E1)	63mm PN16 Solvent	150

### Return Inlet (EM4410)

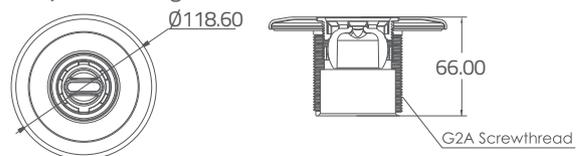
1. For concrete pool
2. Recommended wall conduit EM2841/EM2842
3. Adjustable angle



Code	Model	Connection	Flow Rate (L/min)
91601215	EM4410(A)	1.5" Solvent, G2A Screwthread	150
91601216	EM4410(E)	50mm Solvent, G2A Screwthread	150

### Return Inlet (EM4411)

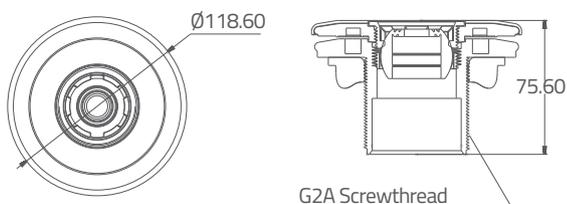
1. For concrete pool
2. Recommended wall conduit EM2841/EM2842
3. Adjustable angle



Code	Model	Connection	Flow Rate (L/min)
91601217	EM4411(A)	1.5" Solvent, G2A Screwthread	150
91601218	EM4411(E)	50mm Solvent, G2A Screwthread	150

## Return Inlet (EM4414)

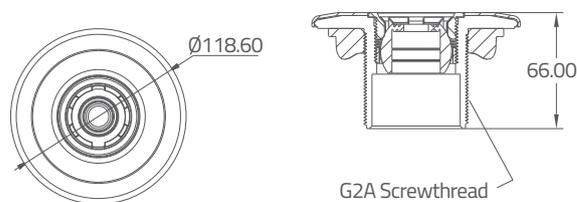
1. For vinyl pool
2. Recommended wall conduit EM2842
3. Adjustable angle



Code	Model	Connection	Brass Inserts	Flow Rate (L/min)
91601223	EM4414(A)	1.5" Solvent, G2A Screwthread	Yes	150
91601224	EM4414(E)	50mm Solvent, G2A Screwthread	Yes	150
91601229	EM4414A TS	1.5" Solvent, G2A Screwthread	No	150
91601230	EM4414E TS	50mm Solvent, G2A Screwthread	No	150

## Return Inlet (EM4415)

1. For concrete & fibreglass pools
2. Recommended wall conduit EM2842
3. Adjustable angle



Code	Model	Connection	Flow Rate (L/min)
91601225	EM4415(A)	1.5" Solvent, G2A Screwthread	150
91601226	EM4415(E)	50mm Solvent, G2A Screwthread	150

## WALL RETURN

### Wall Return (EM2824)



Code	Model	Connection	Measure	Flow Rate (L/min)
91600806	EM2824(A1)	1.25" Solvent	Imperial	92
91600807	EM2824(A2)	1.5" Solvent	Imperial	150
91600808	EM2824(A3)	2" Solvent	Imperial	240
91600809	EM2824(E1)	50mm Solvent	Metric	150
91600810	EM2824(E2)	63mm Solvent	Metric	240
91600828	EM2824(A4)	1.5"/2" Class 12	Imperial	240

### Wall Return (EM2825)



Code	Model	Connection	Measure	Flow Rate (L/min)
91600811	EM2825(A1)	1.25" Solvent	Imperial	92
91600813	EM2825(A2)	1.5" Solvent	Imperial	150
91600812	EM2825(A3)	2" Solvent	Imperial	240
91600814	EM2825(E1)	50mm Solvent	Metric	150
91600815	EM2825(E2)	63mm Solvent	Metric	240
91600829	EM2825(A4)	1.5"/2" Class 12	Imperial	240

### Wall Return (EM2826)



Code	Model	Connection	Measure	Flow Rate (L/min)
91600816	EM2826(A1)	1.5" Class 12	Imperial	122
91600817	EM2826(A2)	2" Class 12	Imperial	200
91600818	EM2826(E1)	50mm PN10	Metric	150

# FLOOR INLET, SPA JET, EYEBALL JET AND JET BODY

## FLOOR INLET

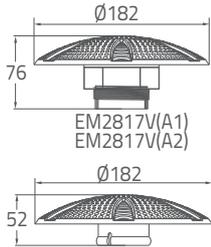
### Floor Inlet (EM2817)

Safety Suction Cover

Comply with Australian standard: AS 1926.3-2012

1.5" test no.: 8180009

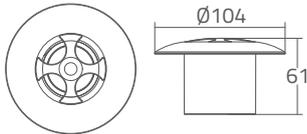
2" test no.: 817024.2



EM2817C(A1) / EM2817C(A2)  
EM2817C(E1) / EM2817C(E2)

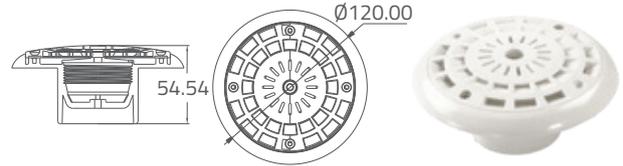
Code	Model	Connection	Application	Flow Rate (L/min)
91600520	EM2817V(A1)	1.5" Solvent	Vinyl Pool	328
91600521	EM2817V(A2)	2.0" Solvent	Vinyl Pool	328
91600518	EM2817C(A1)	1.5" Class 12	Concrete Pool	328
91600519	EM2817C(A2)	2.0" Class 9	Concrete Pool	328
91600526	EM2817C(A3)	1.5" Class 15	Concrete Pool	328
91600527	EM2817C(A4)	2.0" Class 15	Concrete Pool	328
91600530	EM2817C(A5)	1.5" Class 9	Concrete Pool	328
91600531	EM2817C(A6)	2.0" Class 12	Concrete Pool	328
91600524	EM2817C(E1)	50mm PN10	Concrete Pool	328
91600525	EM2817C(E2)	63mm PN10	Concrete Pool	328
91600528	EM2817C(E3)	50mm PN16	Concrete Pool	328
91600529	EM2817C(E4)	63mm PN16	Concrete Pool	328

### Floor Inlet (EM2864(E))



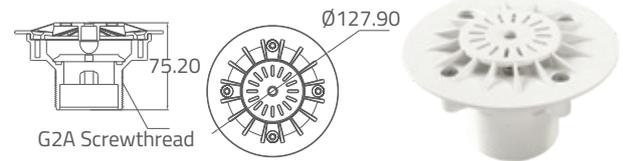
Code	Model	Connection	Application	Flow Rate (L/min)
91600825	EM2864(E)	50mm/63mm PN10 Solvent	Concrete Pool	150/240

### Floor Inlet (EM2861)



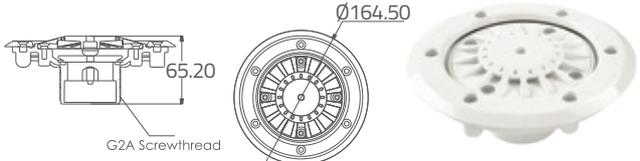
Code	Model	Connection	Application	Flow Rate (L/min)
91600819	EM2861(A)	2" Class 12 Solvent	Concrete Pool	200
91600826	EM2861(A1)	2" Class 15 Solvent	Concrete Pool	200
91600820	EM2861(E)	63mm PN10 Solvent	Concrete Pool	200
91600827	EM2861(E1)	63mm PN16 Solvent	Concrete Pool	200

### Floor Inlet (EM2862)



Code	Model	Connection	Application	Flow Rate (L/min)
91600821	EM2862(A)	1.5" Solvent, G2A Screwthread	Concrete Pool	200
91600822	EM2862(E)	GB50 Solvent, G2A Screwthread	Concrete Pool	200

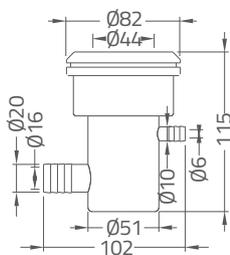
### Floor Inlet (EM2863)



Code	Model	Connection	Application	Flow Rate (L/min)
91600823	EM2863(A)	1.5" Solvent, G2A Screwthread	Vinyl Pool	200
91600824	EM2863(E)	GB50 Solvent, G2A Screwthread	Vinyl Pool	200

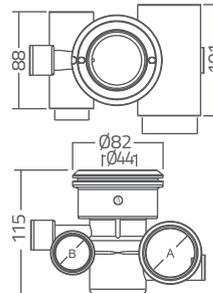
## SPA JET, EYEBALL JET AND JET BODY

### φ10mm Barb Air & φ20mm Barb Water, Ell Body



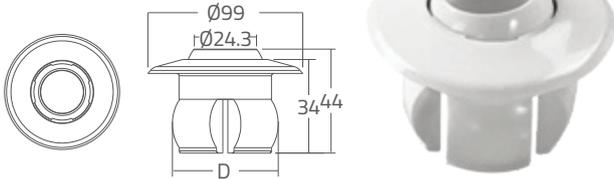
Code	Model	Flow Rate (L/min)
91601301	EM0021	53

### φ32mm Air & φ50mm Water, Tee Body



Code	Model	A	B	Flow Rate (L/min)
91601302	EM0031(A)	1.5"	1"	76
91601303	EM0031(E)	50mm	32mm	76

### Eyeball Standard Jet



Code	Model	D	Flow Rate (L/min)
91601205	EM3301(A1)	1.5" Class 12	69
91601206	EM3301(A2)	2" Class 12	69
91601207	EM3301(E1)	50mm PN10	69
91601240	EM3301(E2)	50mm PN16	69

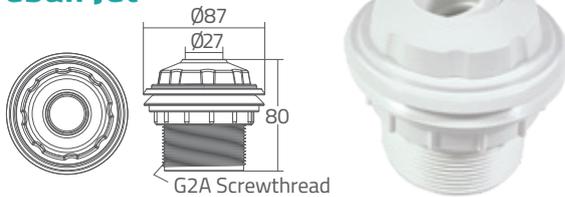
### Eyeball Jet



Code	Model	D	Flow Rate (L/min)
91601208	EM3302(A)	1.5"	69
91601209	EM3302(E)	50mm	69

### Eyeball Jet

### Eyeball Jet

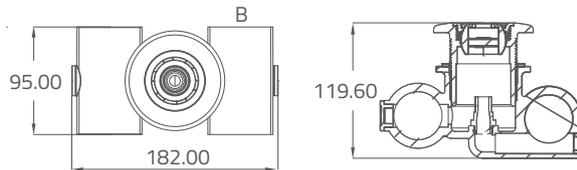


Code	Model	Connection	Flow Rate (L/min)
91601244	EM4420(A)	1.5" Solvent G2A Screwthread	240
91601245	EM4420(E)	50mm Solvent G2A Screwthread	240



Code	Model	D	Flow Rate (L/min)
91601249	EM4421 1"	1"	350
91601248	EM4421 3/4"	3/4"	200
91601247	EM4421 1/2"	1/2"	90

### Concrete Spa Jet (1.5" 50mm air & water)



Code	Model	B	Flow Rate (L/min)
91601241	EM4419(A)	1.5"	50
91601242	EM4419(E)	50mm	50

### Swirl Jet



Code	Model	Flow Rate (L/min)
91601401	EM0018	17

### Swirl Jet



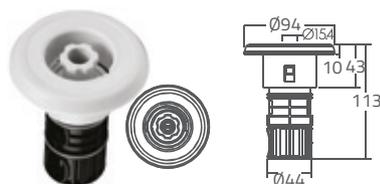
Code	Model	Flow Rate (L/min)
91601402	EM0028	17

### Standard Jet



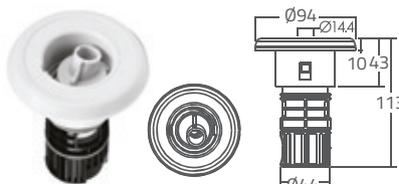
Code	Model	Flow Rate (L/min)
91601403	EM0034	17

### Smooth Face Standard Jet



Code	Model	Flow Rate (L/min)
91601404	EM0044	17

### Smooth Face Swirl Jet



Code	Model	Flow Rate (L/min)
91601405	EM0048	17

### Standard Jet



Code	Model	Flow Rate (L/min)
91601406	EM0064	17

# Grating System

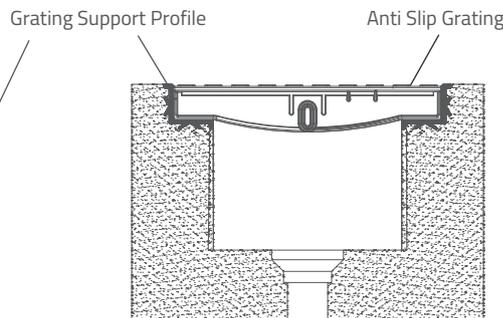
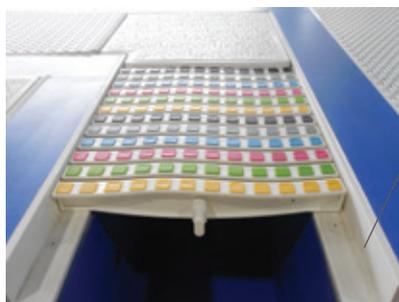
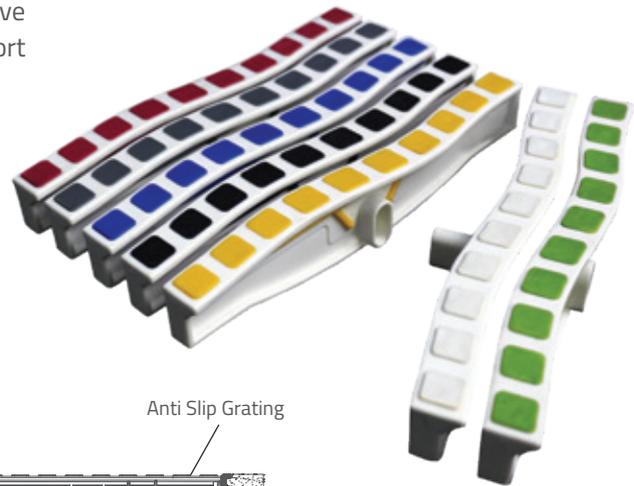
## TPV ANTISKID GRATING (DE27 Series)

### Anti-slip, safe, durable and universal

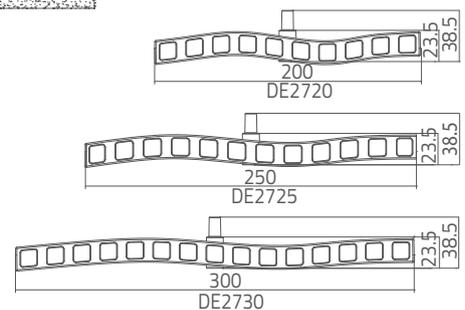
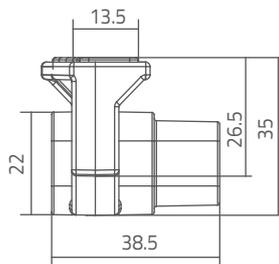
This antiskid grating is designed for professional applications. The single spine grating is suitable for straight and curve overflow pools. The anti-slip coloured top offer extra comfort and maximize safety for the swimmers.

### Product Features:

1. Materials : Polypropylene (PP) + Glass Filled
2. Anti-slip materials: Thermoplastic Vulcanizate (TPV)
3. Durable, UV resistant
4. Standard color : White / Blue
5. MOQ required for other colors

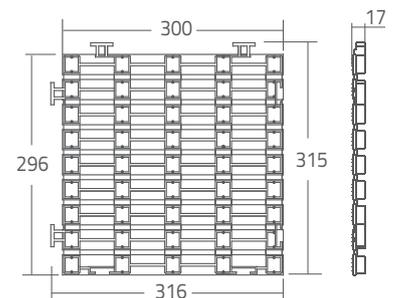
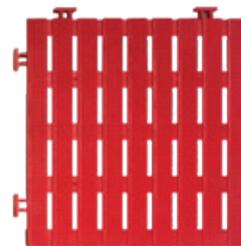


Code	Model	Colour	Size
91600710	DE2720W	White	200 x 26.5 mm (1m)
91600719	DE2720B	Blue	200 x 26.5 mm (1m)
91600711	DE2725W	White	250 x 26.5 mm (1m)
91600725	DE2725B	Blue	250 x 26.5 mm (1m)
91600712	DE2730W	White	300 x 26.5 mm (1m)
91600731	DE2730B	Blue	300 x 26.5 mm (1m)



## FLOOR PAD (DE30 Series)

The floor pad is made of high-strength corrosion proof PVC that resists chipping and cracking. It is portable and can be easily installed on a pool deck or changing room floor. The colourful floor pads create a soft and nonslip surface to ensure the safety of your facility.



Code	Model	Color	Size
91600601	DE3030	White	300 x 300 mm
91600602	DE3030	Red	300 x 300 mm
91600603	DE3030	Blue	300 x 300 mm
91600604	DE3030	Yellow	300 x 300 mm
91600605	DE3030	Green	300 x 300 mm

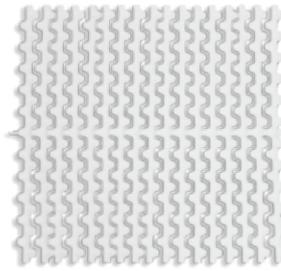


### Product Features:

1. Materials : PVC
2. Standard color : White / Blue
3. Other colours available for order up to 500 metres

## TRANSVERSAL PP GRATING (DE28 Series)

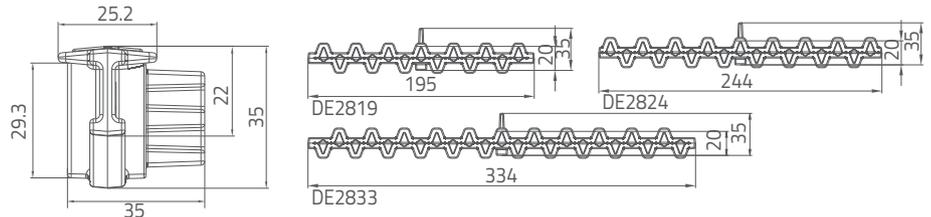
This transversal grating offer safety grip and minimize the gap to prevent injury. It can be used in commercial and residential pools. This sturdy and cost-effective gratings have been used in many overflow systems.



Code	Model	Size
91600713	DE2819	195 x 22 mm (1m)
91600714	DE2824	244 x 22 mm (1m)
91600715	DE2833	334 x 22 mm (1m)

### Product Features:

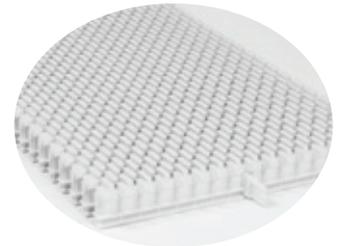
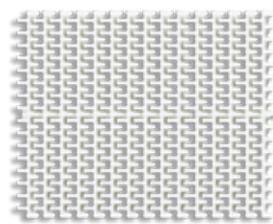
1. Materials : Glass filled PP
2. Standard color : White
3. Other colours available for order up to 500 metres



## ZIGZAG TYPE GRATING (DE26 Series)

This Zigzag type grating has a heavy-duty construction that offers a long product life. The zigzag shape provides a smooth surface and solid support in both straight and curved installation.

Code	Model	Size
91600706	DE2618	180 x 30 mm (1m)
91600707	DE2620	200 x 30 mm (1m)
91600708	DE2625	250 x 30 mm (1m)
91600709	DE2630	300 x 30 mm (1m)



### Product Features:

1. Materials : ABS
2. Standard color : White
3. Other colours available for order up to 500 metres

## CURVABLE PP GRATING (DE29 Series)

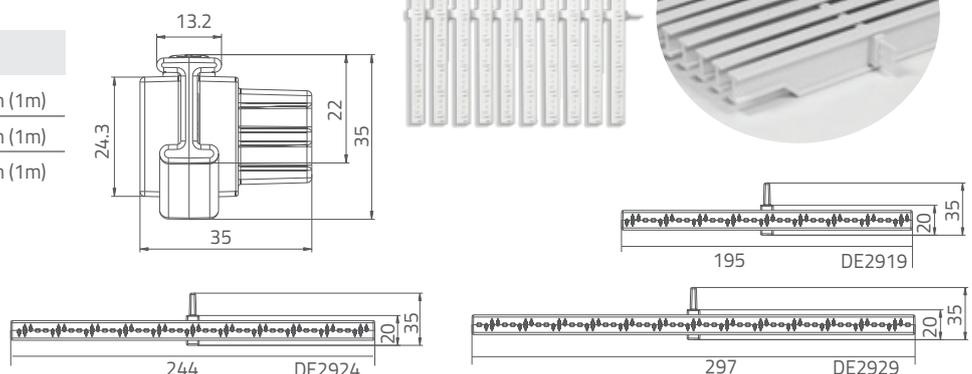
This modern design curvable grating is made of PP material to achieve both sturdy and cost-effective. It has the most popular demensions and functions to fit in your designs of different pool shapes.

Code	Model	Size
91600716	DE2919	195 x 22 mm (1m)
91600717	DE2924	244 x 22 mm (1m)
91600718	DE2929	297 x 22 mm (1m)



### Product Features:

1. Materials : Glass filled PP
2. Standard color : White
3. Other colours available for order up to 500 metres



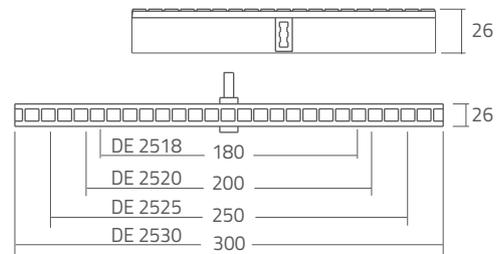
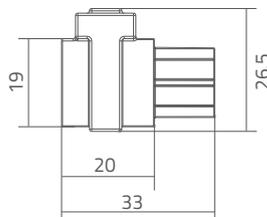
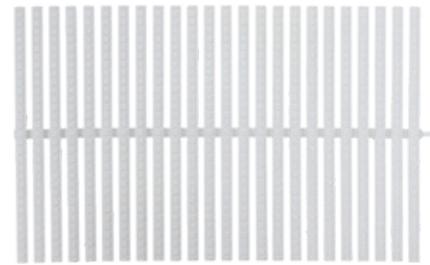
# CURVABLE GRATING (DE25 Series)

This curvable grating snaps together by a single spine permitting maximum flexibility. It can be easily adapted to most free-form pool shapes. The nonslip surface and solid support increase the grating's safety and durability.

## Product Features:

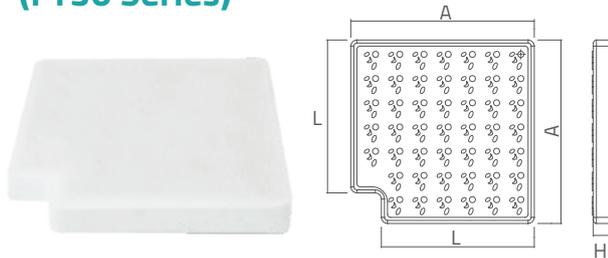
1. Materials : ABS
2. Standard color : White
3. Other colours available for order up to 500 metres

Code	Model	Size
91600702	DE2518	180 x 26 mm (1m)
91600703	DE2520	200 x 26 mm (1m)
91600704	DE2525	250 x 26 mm (1m)
91600705	DE2530	300 x 26 mm (1m)



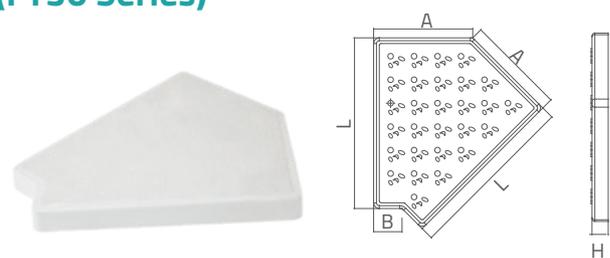
# CORNER TILE AND PROFILE

## 90° Fiberglass Corner Tile (FT30 Series)



Code	Model	A mm	H mm	L mm
91601606	FT3090	350	28.5	300
91601604	FT2590	300	28.5	250
91601602	FT2090	250	28.5	200

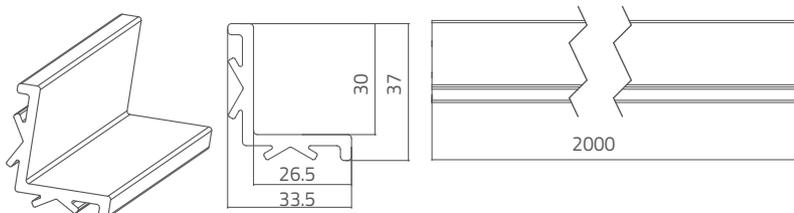
## 45° Fiberglass Corner Tile (FT30 Series)



Code	Model	A mm	B mm	H mm	L mm
91601605	FT3045	174	50	28.5	300
91601603	FT2545	154	50	28.5	250
91601601	FT2045	133	50	28.5	200

## Grating Support Profile

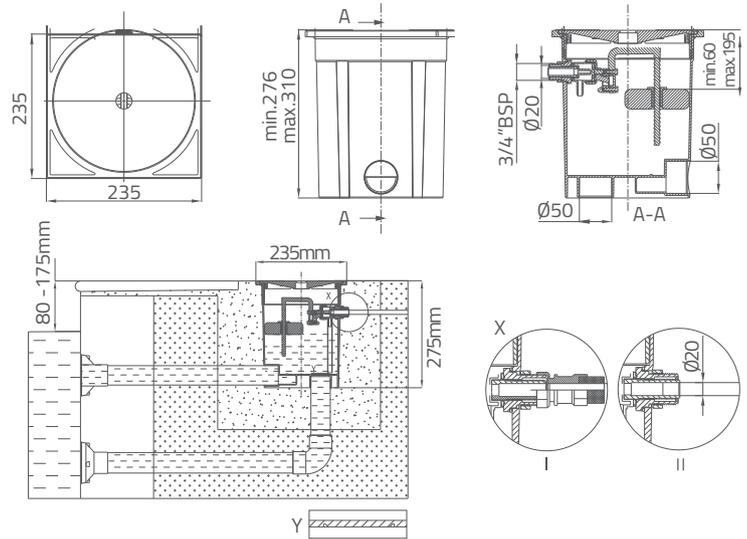
Supplied in lengths of 2 metres. Suitable for 26.5mm and 30mm high grating.



Code	Description
01150047	Grating Support Profile 2 metres

# Other Equipment

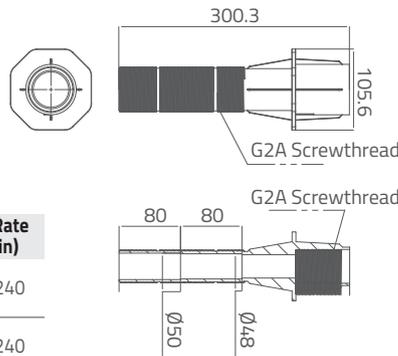
## Water Level Regulator



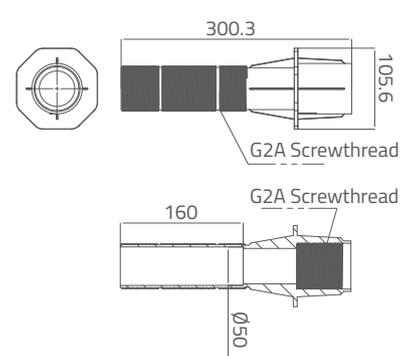
Code	Model	Color	Material	Connection	Flow Rate (L/min)
91602401	RO-7	White	ABS	Inlet: $\phi$ 20mm or 3/4\"/>	



### Conduit EM2841



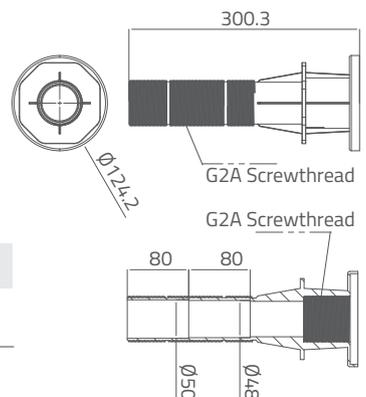
### Conduit EM2841E



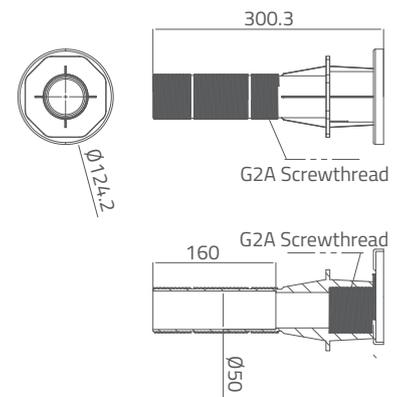
Code	Model	Connection	Application	Flow Rate (L/min)
91602501	EM2841	1.5\"/>		
91602540	EM2841E	50mm Solvent, G2A Screwthread	Concrete Pool	150-240



### Conduit EM2842

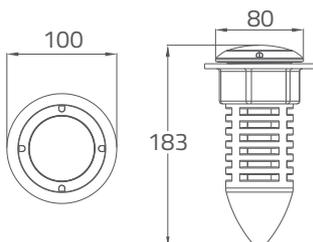


### Conduit EM2842E



Code	Model	Connection	Application	Flow Rate (L/min)
91602502	EM2842	1.5\"/>		
91602541	EM2842E	50mm Solvent, G2A Screwthread	Vinyl Pool	150-240

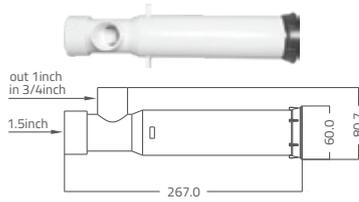
## Hydrostatic Valve for Fiberglass Pool EM2510



Code	Model	Description	Flow Rate (L/min)
91600401	EM2510	Hydrostatic Valve for Fiberglass Pool	150-240

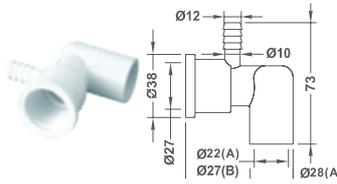
# Spa Fittings

### 1.5" Spa Venturi



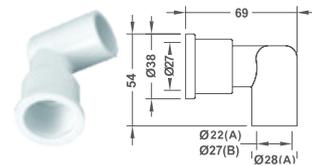
Code	Model No.	Material
93001901	EM2501	PVC

### L-Type Jet Body



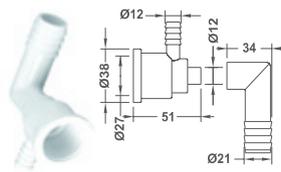
Code	Model No.	Material
91500505	EM2201A	PVC
91500506	EM2201B	PVC

### L-Type Jet Body



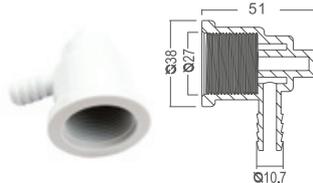
Code	Model No.	Material
91500507	EM2202A	PVC
91500508	EM2202B	PVC

### L-Type Jet Body



Code	Model No.	Material
91500509	EM2203	PVC

### L-Type Jet Body



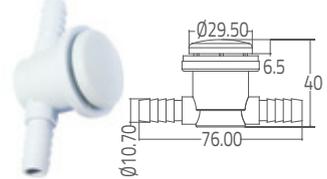
Code	Model No.	Material
91500510	EM2204	PVC

### Single Hole Air Jet



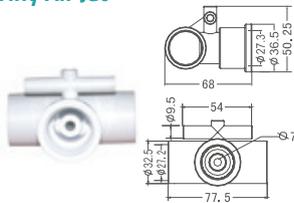
Code	Model No.	Material
91500902	EM1159	PVC

### Twin Hole Air Jet



Code	Model No.	Material
91500901	EM1160	PVC

### Tiny Air Jet



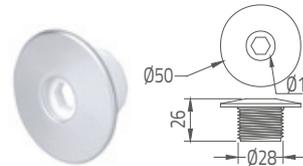
Code	Model No.	Material
91500504	EM1158	PVC

### I Type Jet



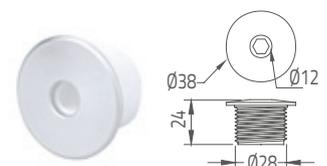
Code	Model No.	Material
91500401	EM1144	ABS&PVC

### φ2" Face (Standard) Jet



Code	Model No.	Material
91500604	EM2207	ABS

### φ1-1/2" Face (Standard) Jet



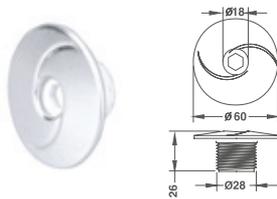
Code	Model No.	Material
91500605	EM2208	ABS

### φ1-1/2" Face (Radial) Jet



Code	Model No.	Material
91500606	EM2209	PVC

### φ2" Face (Spiral) Jet



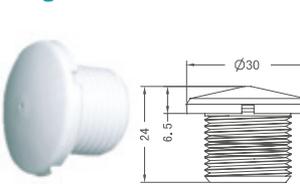
Code	Model No.	Material
91500607	EM2210	PVC

### Nine Hole Jet



Code	Model No.	Material
91500608	EM2211	ABS

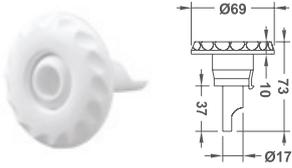
### Single Hole Jet



Code	Model No.	Material
91500609	EM2212	ABS&PVC

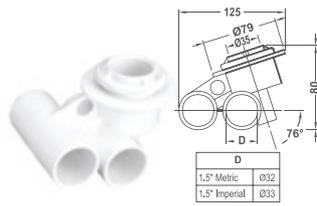


**φ2-3/4" Vortex Face  
Eyeball Spa Jet**



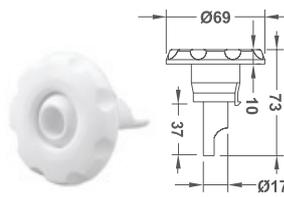
Code	Model No.	Material
91601407	EM1123	PVC

**φ25mm Barb Air & φ25mm  
Water Tee Body**



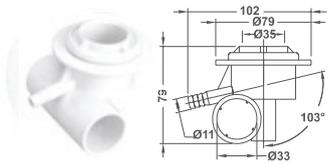
Code	Model No.	Material
91500501	EM1138	PVC
91500502	EM1138E	PVC

**φ2-3/4" Face  
Eyeball Spa Jet**



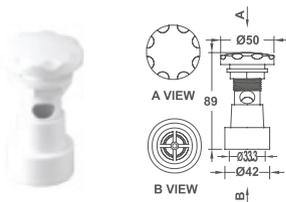
Code	Model No.	Material
91500601	EM1113	PVC

**φ10mm Barb Air &  
φ25mm Water**



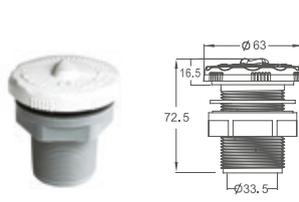
Code	Model No.	Material
91500503	EM1148	PVC

**φ25mm Air Control**



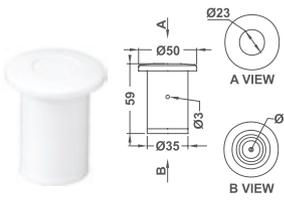
Code	Model No.	Material
91500801	EM1834	ABS

**Standard Air Control**



Code	Model No.	Material
91500802	EM1835	ABS

**Air Button**



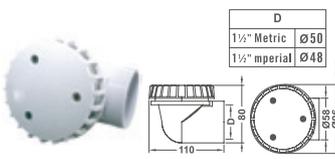
Code	Model No.	Material
91500701	EM1844	ABS

**Air Button**



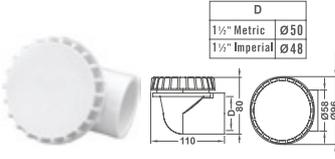
Code	Model No.	Material
91500702	EM1845	ABS

**φ2 Section Drain  
EII Body(Threaded)**



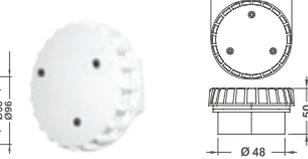
Code	Model No.	Material
91500303	EM3822A(A)	ABS&PVC
91500304	EM3822A(E)	ABS&PVC

**φ2 Section Drain  
EII Body(Slip Fit)**



Code	Model No.	Material
91500305	EM3822B(A)	ABS&PVC
91500306	EM3822B(E)	ABS&PVC

**φ2 Section Drain Straight  
Body(with Bolt)**



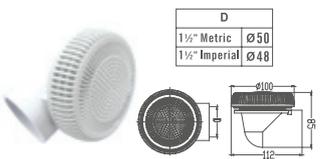
Code	Model No.	Material
91500308	EM3833A	ABS&PVC

**φ2 Section Drain  
Straight Body**



Code	Model No.	Material
91500309	EM3833B	ABS&PVC

**Swirl Type  
Water Return**



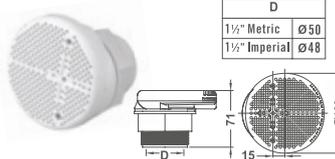
Code	Model No.	Material
91500310	EM3844A	ABS&PVC
91500311	EM3844E	ABS&PVC

**Water Return**



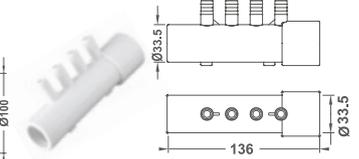
Code	Model No.	Material
91500307	EM3845	ABS&PVC

**φ2 Section Drain  
Lock Nut**



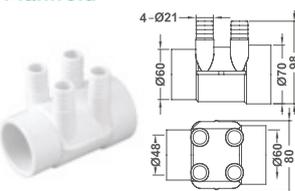
Code	Model No.	Color	Material
91500301	EM3811A	White/Grey	ABS&PVC
91500302	EM3811E	White/Grey	ABS&PVC

**Port Air  
Manifold**



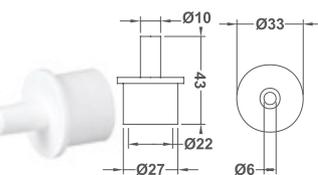
Code	Model No.	Material
91500002	EM1825	ABS

**Port Water Barb  
Manifold**



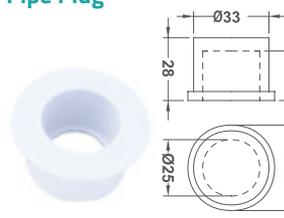
Code	Model No.	Material
91500001	EM1824	ABS

**Barb Plug**



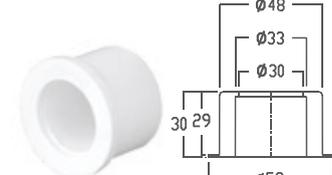
Code	Model No.	Material
91500202	EM1816	PVC

**Pipe Plug**



Code	Model No.	Material
91500102	EM1818B	PVC

**Pipe Plug**



Code	Model No.	Material
91500101	EM1818A	PVC





# ***WATER FEATURES***

# Water Descent

Five models for different water effects

## MAKE YOUR POOL ALIVE!

Water Descent is one of the most beautiful ornamental features for your pool or spa. Creating a water movement in your pool, it may be adjusted from a peaceful sheet of water falling into the pool, to a relaxing water massage for your back, adding elegance and style to your pool. Available in five different models, you can enjoy different water effects and trajectories, from our standard waterfall, to rain sheer or arc trajectory.

With the optional RGB LED strip, the unit provides you vibrant colorful waterfall which adds visual interest and soothing sound of flowing water to your landscape.



LED Strip Power

12V DC

Remote Control

10 Lighting Patterns

Widths

25/150 mm

Lengths

300/600/900/1200mm

### Features:

1. Available in two different widths: 25 mm and 150 mm, they are suitable for different wall sizes.
2. Four different lengths: 300 mm, 600 mm, 900 mm, and 1200mm.
3. LED strip is powered by external 12V DC, which is safe and reliable.
4. The LEDs can be operated through panel or remote control and 10 lighting patterns are available.
5. Multiple water descents can share the same controller for synchronized color effects.



# LED Water Descent Control Box

Instead of using fiber optics, the LED strip is built into the unit placing the light source as close as possible to the waterfall. This design creates a wonderful illumination to the water falling into the pool.

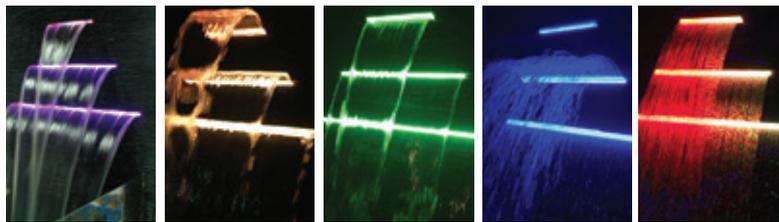
10 pre-programmed LED lighting effects allow you to create the best luminous water features in your hands.

## 5 different models available for different water effects:

1. PB Series: Sheet of water with standard trajectory.
2. PBA Series: Sheet of water with arc trajectory.
3. PBS Series: Sheet of water with sheer trajectory.
4. RA Series: Rain fall effect with arc trajectory.
5. RS Series: Rain fall effect with sheer trajectory.



## VIBRANT COLORFUL WATERFALL



PB Series

PBA Series

PBS Series

RA Series

RS Series

## Production information

Code: 9110401

Model: WTD-CB

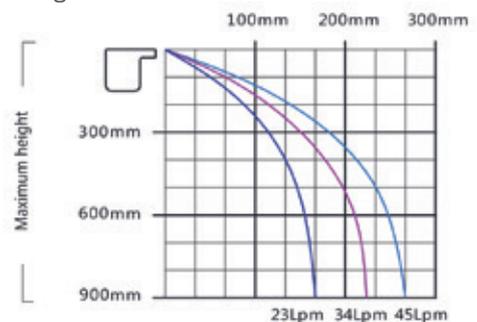
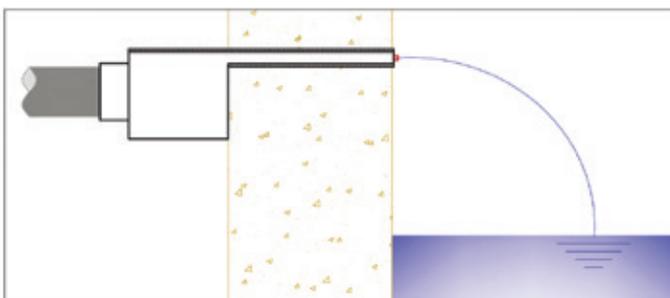
Input power: 110-220V AC±15%; 50/60Hz

Output power: 12V DC: 60W

With remote controller

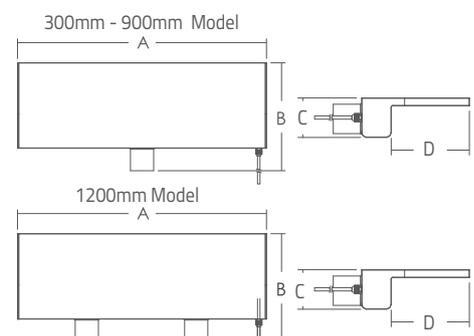
## PB Series

This model provides an excellent water effect with a fine sheet of water falling like a mountain spring waterfall



## Product Information and Dimensions

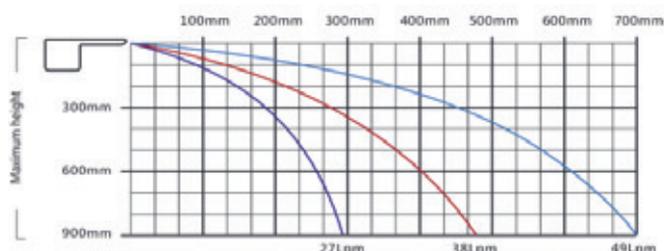
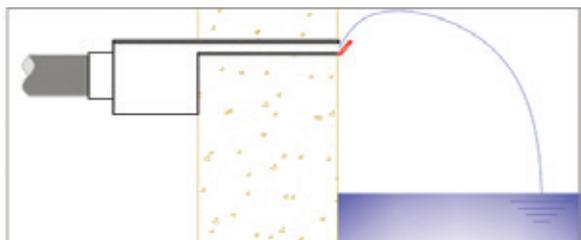
Code (LED)	Model (LED)	Code	Model	A(mm)	B(mm)	C(mm)	D(mm)	Remark
9090001	PB300-25(L)	9090101	PB300-25	306	138	76	25	12V DC 4W
9090002	PB300-150(L)	9090102	PB300-150	306	263	76	150	
9090004	PB600-25(L)	9090104	PB600-25	606	138	76	25	12V DC 8W
9090005	PB600-150(L)	9090105	PB600-150	606	263	76	150	
9090007	PB900-25(L)	9090107	PB900-25	906	138	76	25	12V DC 12W
9090008	PB900-150(L)	9090108	PB900-150	906	263	76	150	
9090010	PB1200-25(L)	9090110	PB1200-25	1206	138	76	25	12V DC 16W
9090011	PB1200-150(L)	9090111	PB1200-150	1206	263	76	150	



# PBA & PBS Series

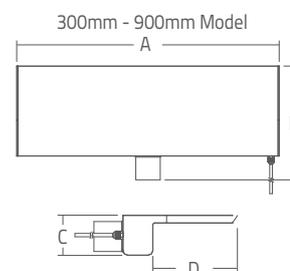
## PBA Series

The water descent produces a beautiful arc of water before projecting away from the pool wall and falling the pool creating a relaxing sound of water and a hypnotized scenario, especially at night.



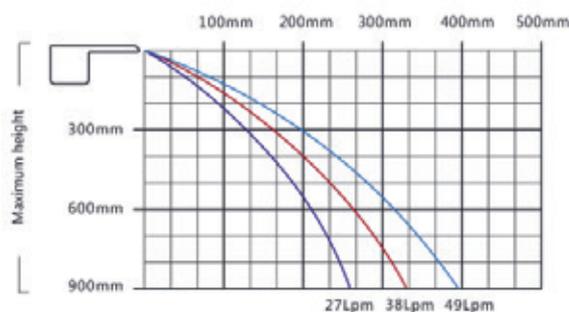
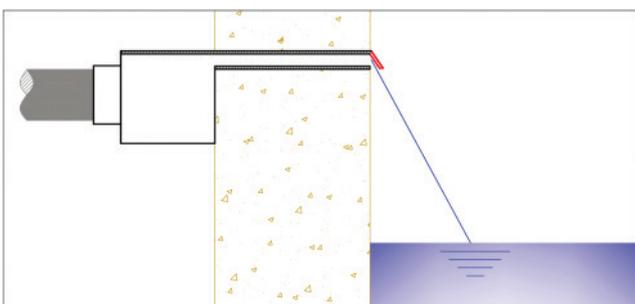
### Product Information and Dimensions

Code (LED)	Model (LED)	Code	Model	A(mm)	B(mm)	C(mm)	D(mm)	Remark
9090701	PBA300-25(L)	9090301	PBA300-25	306	152	76	39	12V DC 4W
9090702	PBA300-150(L)	9090302	PBA300-150		277		164	
9090703	PBA600-25(L)	9090303	PBA600-25	606	152	76	39	12V DC 8W
9090704	PBA600-150(L)	9090304	PBA600-150		277		164	
9090705	PBA900-25(L)	9090305	PBA900-25	906	152	76	39	12V DC 12W
9090706	PBA900-150(L)	9090306	PBA900-150		277		164	



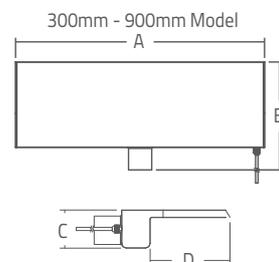
## PBS Series

Elegant waterfall created by a thin sheet of water descending gracefully to the pool surface.



### Product Information and Dimensions

Code (LED)	Model (LED)	Code	Model	A(mm)	B(mm)	C(mm)	D(mm)	Remark
9090801	PBS300-25(L)	9090401	PBS300-25	306	152	76	39	12V DC 4W
9090802	PBS300-150(L)	9090413	PBS300-150		277		164	
9090803	PBS600-25(L)	9090414	PBS600-25	606	152	76	39	12V DC 8W
9090804	PBS600-150(L)	9090415	PBS600-150		277		164	
9090805	PBS900-25(L)	9090416	PBS900-25	906	152	76	39	12V DC 12W
9090806	PBS900-150(L)	9090417	PBS900-150		277		164	

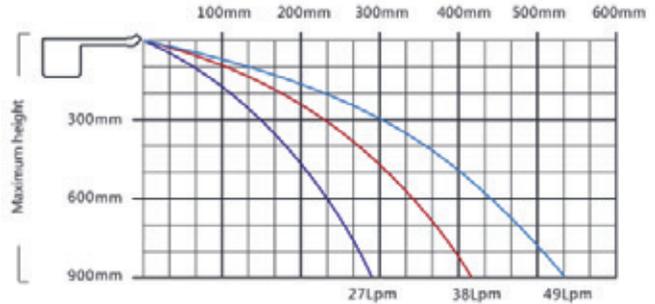
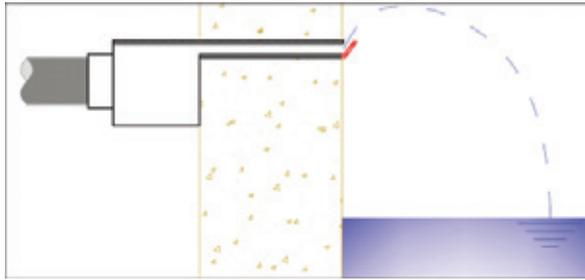


NOTE 2 : Water descent(s) only to be used filtrated water. Water flow rate or water pressure is higher, it has to be diverted to the pool. Check the charts or each water descent which relate flow rate, trajectory and height of water descent.

# RA & RS Series

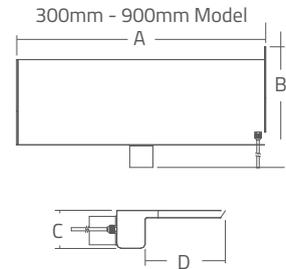
## RA Series

Water Descent Rainfall Arc adds character and style to your pool. The water rain falls up from the unit at an angle 45° and then naturally arcs and fall to the water surface.



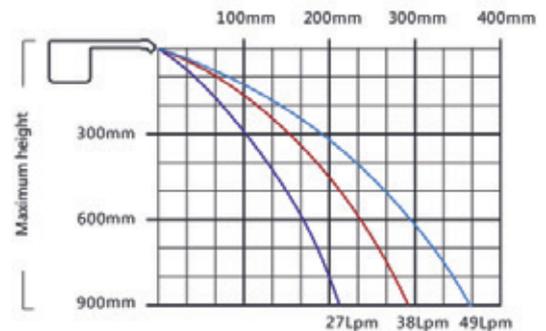
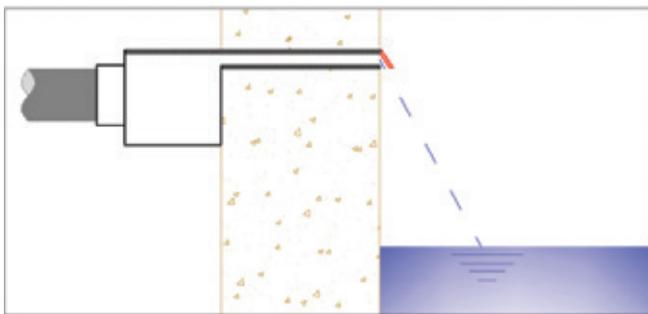
### Product Information and Dimensions

Code (LED)	Model (LED)	Code	Model	A(mm)	B(mm)	C(mm)	D(mm)	Remark
9090901	RA300-25(L)	9090501	RA300-25	306	159	85	46	12V DC 4W
9090902	RA300-150(L)	9090502	RA300-150		284		171	
9090903	RA600-25(L)	9090503	RA600-25	606	159	85	46	12V DC 8W
9090904	RA600-150(L)	9090504	RA600-150		284		171	
9090905	RA900-25(L)	9090505	RA900-25	906	159	85	46	12V DC 12W
9090906	RA900-150(L)	9090506	RA900-150		284		171	



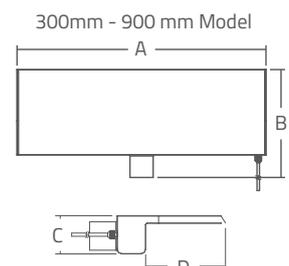
## RS Series

This water descent can be adapted to blend in harmoniously with your pool and its surroundings to create the perfect ambience.



### Product Information and Dimensions

Code (LED)	Model (LED)	Code	Model	A(mm)	B(mm)	C(mm)	D(mm)	Remark
9091001	RS300-25(L)	9090601	RS300-25	306	159	78	46	12V DC 4W
9091002	RS300-150(L)	9090602	RS300-150		284		171	
9091003	RS600-25(L)	9090603	RS600-25	606	159	78	46	12V DC 8W
9091004	RS600-150(L)	9090604	RS600-150		284		171	
9091005	RS900-25(L)	9090605	RS900-25	906	159	78	46	12V DC 12W
9091006	RS900-150(L)	9090606	RS900-150		284		171	



# Countercurrent Jet

For small size training pools

## ENDLESS NO-LAP SWIMMING TRAINING

Perfect for small pools where space is limited. Excellent for fitness training, underwater massage, endless no-lap swimming and unnecessary tumble turns.

### 1. Countercurrent Jet Face Plate



EM0055



Underwater on/off Switch



Adjustable Nozzle and LED Light

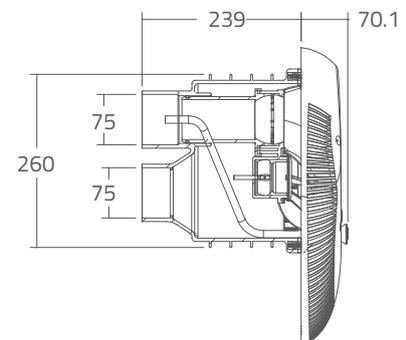
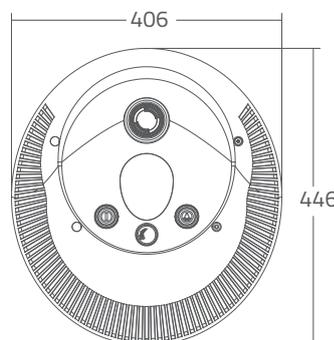


RGB Color Water Light



LED White Water Light

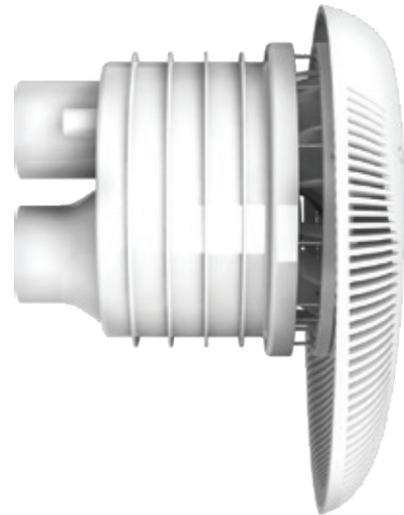
### Product Dimensions



Code	Model	Description
91602102	EM0055	Countercurrent Jet with LED Light RGB
91602101	EM0055	Countercurrent Jet with LED Light white

## Product Features:

1. Powerful counter current.
2. Product can be used as a single or double jet system with one or two pumps.
3. Counter current face plate with LED Light.
4. All controls are on the face plate and can be operated in perfect safety while you are in the water.
5. Adjust the valve to control the bubble effect.
6. Water flow direction can be changed through the adjustable nozzle.



## Accessories For Emaux Countercurrent Jet

### 2. Pumps

#### SR Series Pump

1. Class insulation: 130(B)
2. IPX5 Waterproof standard
3. Built-in thermal protection
4. Overload protection



#### UPH Series Pump

1. Waterproof: IPX5
2. Self Priming: 3 m
3. Flow rate: Up to 110 m<sup>3</sup>/h
4. Working Voltage: 380-400Vac
5. Premium Efficiency IE3 Class Motor
6. Bearing: High temperature resistant up to 160°C



## Technical Information

Water Pump Selection	Qmax		Hmax meter	V/Hz	Power	
	m <sup>3</sup> /h	l/min			kW	Horsepower
UPH400 pump x 1	75	1300	13	380/50	3.00	4.0
UPH550 pump x 1	90	1500	17.5	380/50	4.00	5.5
SR30 pump x 1	28	480	20	220/50	2.18	3.0
SR30 pump x 2	50	850	25	220/50	2 x 2.18	2 x 3.0

### 3. Control Box

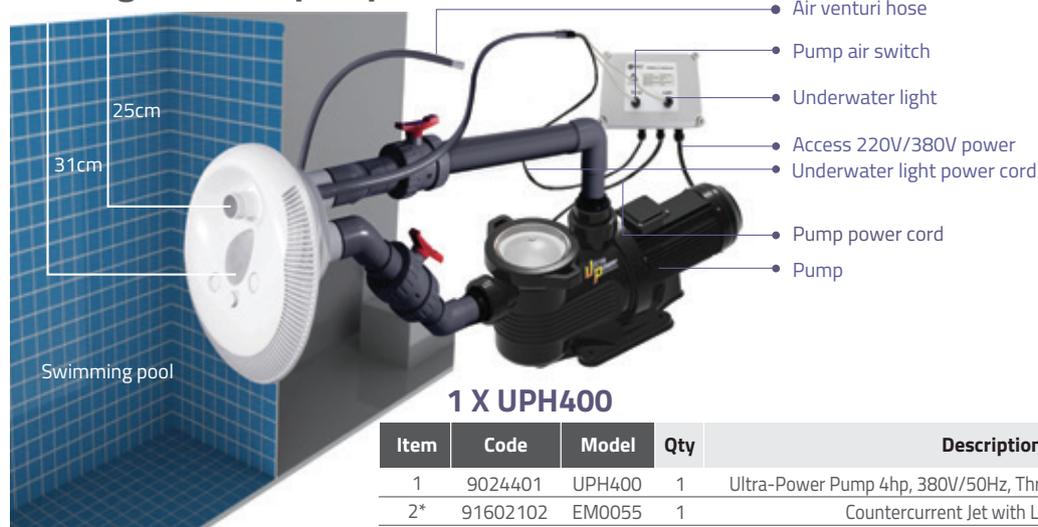


#### Countercurrent Jet Control Box

Code	Model	Main Power input	Pump Power output	Lighting Power output
9110701	SWJ-CB	AC 220V/50Hz	AC 220V/50Hz, 4.4kW	AC12V, 1W
9110702	SWJ-CB	AC 380V/50Hz	AC 380V/50Hz, 4.4kW	AC12V, 1W

# Installation

## 1. Setting with one pump



\*Optional item

Item	Code	Model	Qty	Description
1	9024401	UPH400	1	Ultra-Power Pump 4hp, 380V/50Hz, Three Phase, 3"/90mm Unions
2*	91602102	EM0055	1	Countercurrent Jet with LED Light RGB
2*	91602101	EM0055	1	Countercurrent Jet with LED Light white
3	91602204	/	1	Piping kit for UPH pump
4	9110702	SWJ-CB	1	Countercurrent Jet Control Box 380V

## 1 X UPH550

Item	Code	Model	Qty	Description
1	9024402	UPH550	1	Ultra-Power Pump 5.5hp, 380V/50Hz, Three Phase, 3"/90mm Unions
2*	91602102	EM0055	1	Countercurrent Jet with LED Light RGB
2*	91602101	EM0055	1	Countercurrent Jet with LED Light white
3	91602204	/	1	Piping kit for UPH pump
4	9110702	SWJ-CB	1	Countercurrent Jet Control Box 380V

## 1 X SR30

Item	Code	Model	Qty	Description
1	9020807	SR30	1	Pump 3.0hp, 220V/50Hz, Single Phase
2*	91602102	EM0055	1	Countercurrent Jet with LED Light RGB
2*	91602101	EM0055	1	Countercurrent Jet with LED Light white
3	91602202	/	1	Piping kit for 1 x SR30 pump
4	9110701	SWJ-CB	1	Countercurrent Jet Control Box 220V

## 2. Setting with two pumps



Item	Code	Model	Qty	Description
1	9020807	SR30	2	Pump 3.0hp, 220V/50Hz, Single Phase
2*	91602102	EM0055	1	Countercurrent Jet with LED Light RGB
2*	91602101	EM0055	1	Countercurrent Jet with LED Light white
3	91602203	/	1	Piping kit for 2 x SR30 pump
4	9110701	SWJ-CB	1	Countercurrent Jet Control Box 220V



# ***SURROUNDING EQUIPMENT***

# LADDER

Quality ladders provide safety and ease for your pool

## ROBUST STEEL ARMS OF POOLS

Ladder handrails are made of  $\varnothing 42\text{mm}$  tubes in polished stainless steel 304 (or 316 for saltwater pools). Correct selection and proper placement of handrails and ladders add a significant measure of safety to every pool area. Three kinds of step are available: Plastic, stainless steel, and stainless steel with anti-slip pads. All ladders are available with anchor or flange type fixtures for easy installation.



### Step Options:

#### 1. Stainless Steel



#### 2. Stainless Steel (with anti-slip pad)



#### 3. Plastics



### Installation Options:

#### 1. Anchor Type



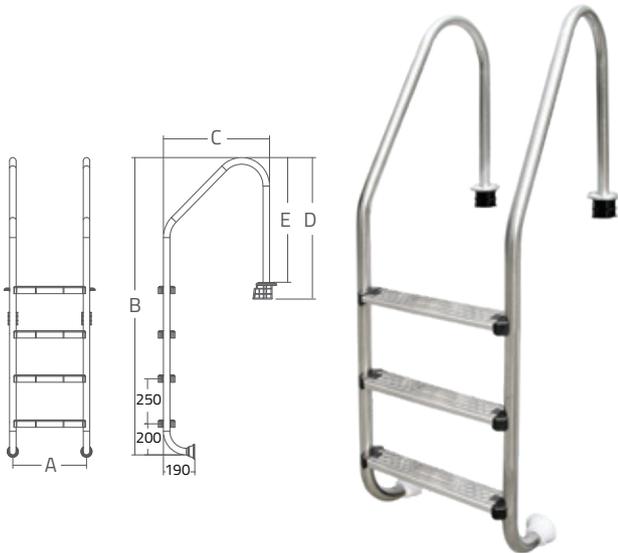
#### 2. Flange Type



Ancillary Shoring  
- is provided with a supporting construction on the wall.

Pool ladders can be easily installed either with anchors embedded in the concrete deck or bolted flanges. The fixtures are concealed by stainless steel escutcheons.

## NSL SERIES



### Anchor Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm	D mm	E mm
9121622	9121625	NSL215-S	493	1320	686	788	708
9121720	9121723	NSL315-S	493	1570	686	788	708
9121822	9121825	NSL415-S	493	1820	686	788	708
9121922	9121925	NSL515-S	493	2070	686	788	708
9120602	9120605	NSL815-S	493	2830	692	699	619

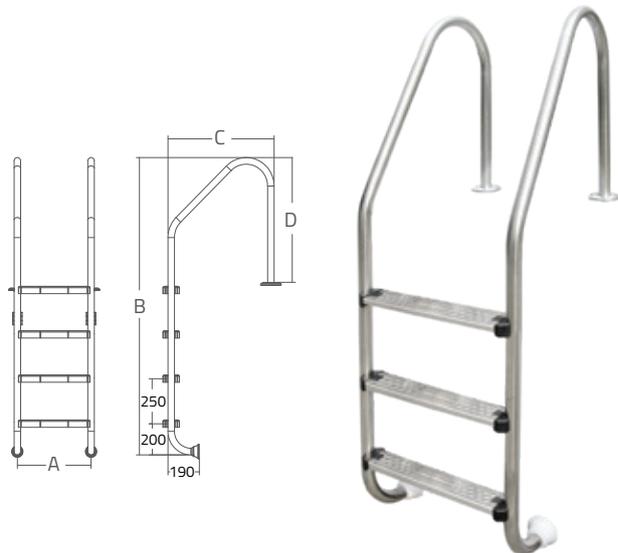
### Anchor Type Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm	D mm	E mm
9121623	9121626	NSL215-SR	493	1320	686	788	708
9121721	9121724	NSL315-SR	493	1570	686	788	708
9121823	9121826	NSL415-SR	493	1820	686	788	708
9121923	9121926	NSL515-SR	493	2070	686	788	708
9120603	9120606	NSL815-SR	493	2830	692	699	619

### Anchor Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm	D mm	E mm
9121621	9121624	NSL215-P	476	1320	686	788	708
9121719	9121722	NSL315-P	476	1570	686	788	708
9121821	9121824	NSL415-P	476	1820	686	788	708
9121921	9121924	NSL515-P	476	2070	686	788	708
9120601	9120604	NSL815-P	476	2830	692	699	619

## SLF SERIES



### Flange Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm	D mm
9120032	9120035	SLF215-S	493	1320	686	788
9120132	9120135	SLF315-S	493	1570	686	788
9120232	9120235	SLF415-S	493	1820	686	788
9120332	9120335	SLF515-S	493	2070	686	788
9122202	9122205	SLF815-S	493	2830	692	699

### Flange Type Stainless Steel Step (with Anti-Slip Pad)

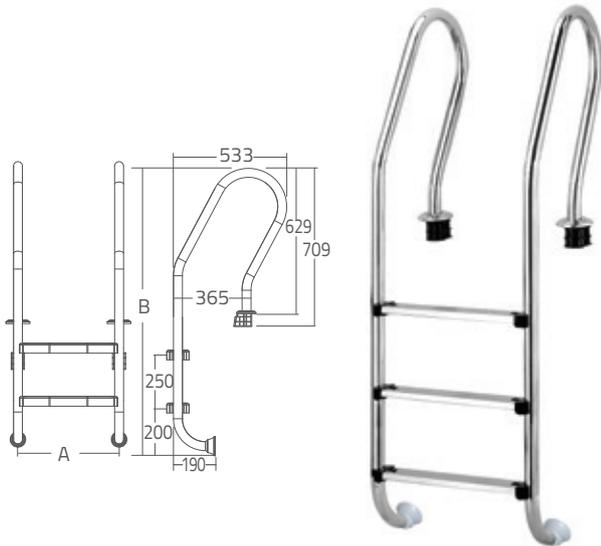
Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm	D mm
9120033	88077206	SLF215-SR	493	1320	686	788
9120133	88077207	SLF315-SR	493	1570	686	788
9120233	88077208	SLF415-SR	493	1820	686	788
9120333	88077209	SLF515-SR	493	2070	686	788
9122203	88077216	SLF815-SR	493	2830	692	699

### Flange Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm	D mm
9120031	88072106	SLF215-P	476	1320	686	788
9120131	88072107	SLF315-P	476	1570	686	788
9120231	88072108	SLF415-P	476	1820	686	788
9120331	88072109	SLF515-P	476	2070	686	788
9122201	88072116	SLF815-P	476	2830	692	699

\* Handrails in polished stainless steel 304 or 316 (φ42mm) tube. Steps made of stainless steel and plastic are available. Complete with anchoring or flange fixtures.

## NSF SERIES



### Anchor Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9121616	9121619	NSF215-S	493	1330
9121714	9121717	NSF315-S	493	1580
9121816	9121819	NSF415-S	493	1830
9121916	9121919	NSF515-S	493	2080

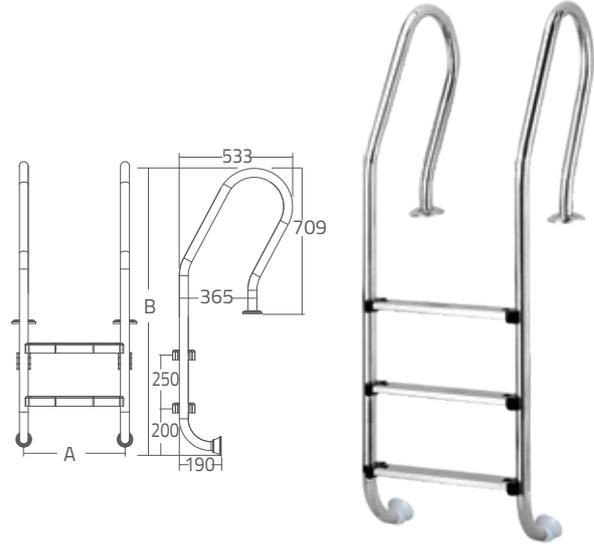
### Anchor Type Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9121617	9121620	NSF215-SR	493	1330
9121715	9121718	NSF315-SR	493	1580
9121817	9121820	NSF415-SR	493	1830
9121917	9121920	NSF515-SR	493	2080

### Anchor Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9121615	9121618	NSF215-P	476	1330
9121713	9121716	NSF315-P	476	1580
9121815	9121818	NSF415-P	476	1830
9121915	9121918	NSF515-P	476	2080

## SFF SERIES



### Flange Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120026	9120029	SFF215-S	493	1330
9120126	9120129	SFF315-S	493	1580
9120226	9120229	SFF415-S	493	1830
9120326	9120329	SFF515-S	493	2080

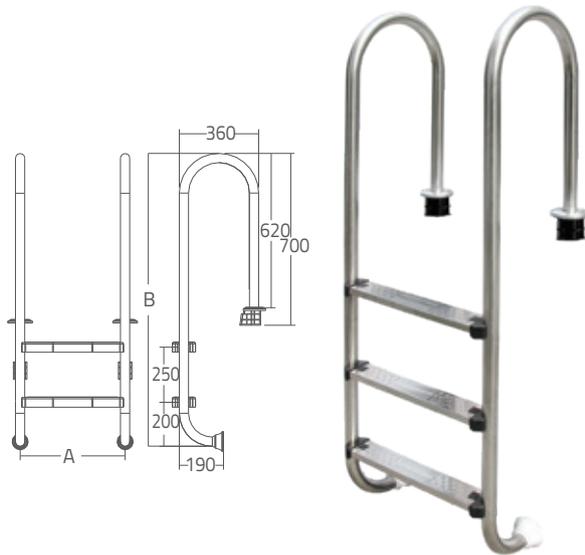
### Flange Type Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120027	9120030	SFF215-SR	493	1330
9120127	9120130	SFF315-SR	493	1580
9120227	9120230	SFF415-SR	493	1830
9120327	9120330	SFF515-SR	493	2080

### Flange Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120025	9120028	SFF215-P	476	1330
9120125	9120128	SFF315-P	476	1580
9120225	9120228	SFF415-P	476	1830
9120325	9120328	SFF515-P	476	2080

## NMU SERIES



### Anchor Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9121604	9121607	NMU215-S	493	1330
9121702	9121705	NMU315-S	493	1580
9121804	9121807	NMU415-S	493	1830
9121904	9121907	NMU515-S	493	2080

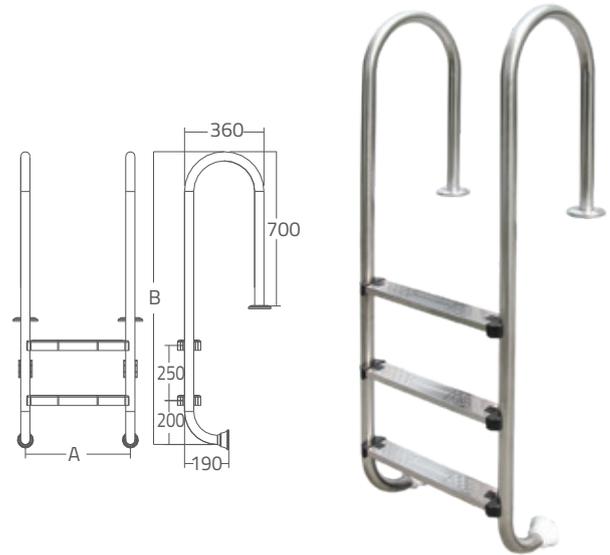
### Anchor Type Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9121605	9121608	NMU215-SR	493	1330
9121703	9121706	NMU315-SR	493	1580
9121805	9121808	NMU415-SR	493	1830
9121905	9121908	NMU515-SR	493	2080

### Anchor Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9121603	9121606	NMU215-P	476	1330
9121701	9121704	NMU315-P	476	1580
9121803	9121806	NMU415-P	476	1830
9121903	9121906	NMU515-P	476	2080

## MUF SERIES



### Flange Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120014	9120017	MUF215-S	493	1330
9120114	9120117	MUF315-S	493	1580
9120214	9120217	MUF415-S	493	1830
9120314	9120317	MUF515-S	493	2080

### Flange Type Stainless Steel Step (with Anti-Slip Pad)

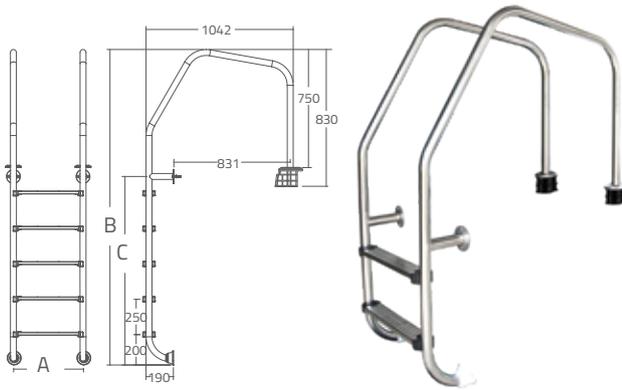
Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120015	9120018	MUF215-SR	493	1330
9120115	9120118	MUF315-SR	493	1580
9120215	9120218	MUF415-SR	493	1830
9120315	9120318	MUF515-SR	493	2080

### Flange Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120013	88072306	MUF215-P	476	1330
9120113	88072307	MUF315-P	476	1580
9120213	88072308	MUF415-P	476	1830
9120313	88072309	MUF515-P	476	2080

\* Handrails in polished stainless steel 304 or 316 ( $\phi$ 42mm) tube. Steps made of stainless steel and plastic are available. Complete with anchoring or flange fixtures.

## OF SERIES



### Anchor Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9121610	9121613	OF215-S	493	1460	561
9121708	9121711	OF315-S	493	1710	811
9121810	9121813	OF415-S	493	1960	1061
9121910	9121913	OF515-S	493	2210	1311

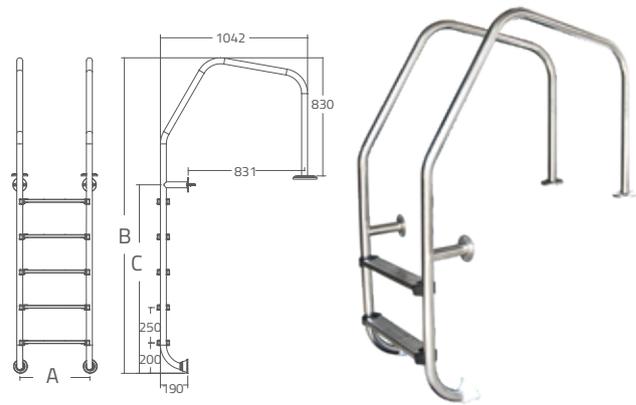
### Anchor Type Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9121611	9121614	OF215-SR	493	1460	561
9121709	9121712	OF315-SR	493	1710	811
9121811	9121814	OF415-SR	493	1960	1061
9121911	9121914	OF515-SR	493	2210	1311

### Anchor Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9121609	9121612	OF215-P	476	1460	561
9121707	9121710	OF315-P	476	1710	811
9121809	9121812	OF415-P	476	1960	1061
9121909	9121912	OF515-P	476	2210	1311

## OFF SERIES



### Flange Type Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9120020	9120023	OFF215-S	493	1460	561
9120120	9120123	OFF315-S	493	1710	811
9120220	9120223	OFF415-S	493	1960	1061
9120320	9120323	OFF515-S	493	2210	1311

### Flange Type Stainless Steel Step (with Anti-Slip Pad)

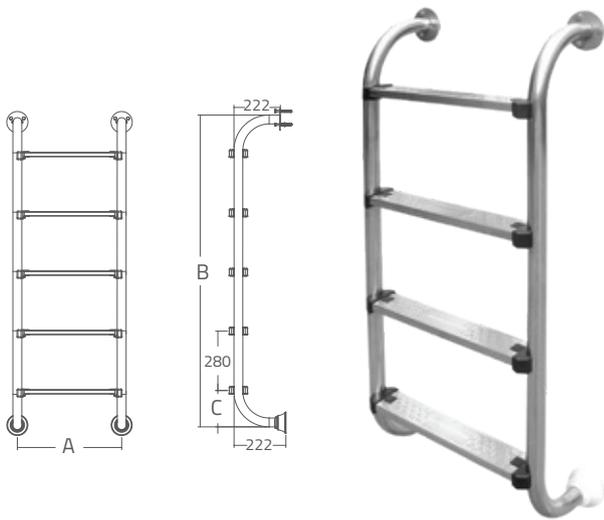
Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9120021	9120024	OFF215-SR	493	1460	561
9120121	9120124	OFF315-SR	493	1710	811
9120221	9120224	OFF415-SR	493	1960	1061
9120321	9120324	OFF515-SR	493	2210	1311

### Flange Type Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9120019	9120022	OFF215-P	476	1460	561
9120119	9120122	OFF315-P	476	1710	811
9120219	9120222	OFF415-P	476	1960	1061
9120319	9120322	OFF515-P	476	2210	1311

\* Made of polished Stainless Steel tube ( $\phi 42$ mm) with a polished finish. Specially designed for overflow pool. Easily installed with anchoring or flange fixtures.

## BHK SERIES (Lower Part)



### Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9120002	9120005	BHK215-S	493	642	181
9120102	9120105	BHK315-S	493	922	181
9120202	9120205	BHK415-S	493	1207	183.5
9120302	9120305	BHK515-S	493	1487	183.5

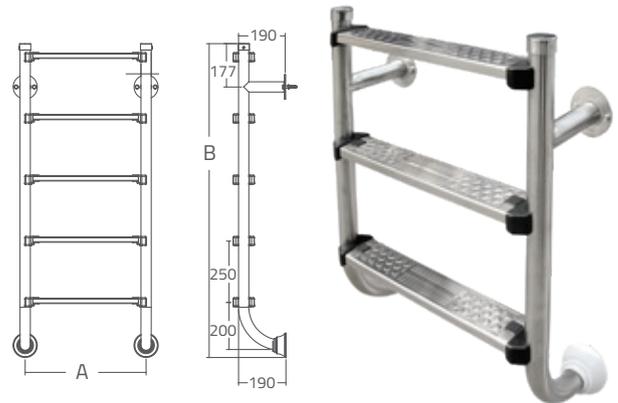
### Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9120003	9120006	BHK215-SR	493	642	181
9120103	9120106	BHK315-SR	493	922	181
9120203	9120206	BHK415-SR	493	1207	183.5
9120303	9120306	BHK515-SR	493	1487	183.5

### Plastic Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm	C mm
9120001	9120004	BHK215-P	476	642	181
9120101	9120104	BHK315-P	476	922	181
9120201	9120204	BHK415-P	476	1207	183.5
9120301	9120304	BHK515-P	476	1487	183.5

## BHL SERIES (Lower Part)



### Stainless Steel Step

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120008	9120011	BHL215-S	493	530
9120108	9120111	BHL315-S	493	780
9120208	9120211	BHL415-S	493	1030
9120308	9120311	BHL515-S	493	1280

### Stainless Steel Step (with Anti-Slip Pad)

Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120009	9120012	BHL215-SR	493	530
9120109	9120112	BHL315-SR	493	780
9120209	9120212	BHL415-SR	493	1030
9120309	9120312	BHL515-SR	493	1280

### Plastic Step

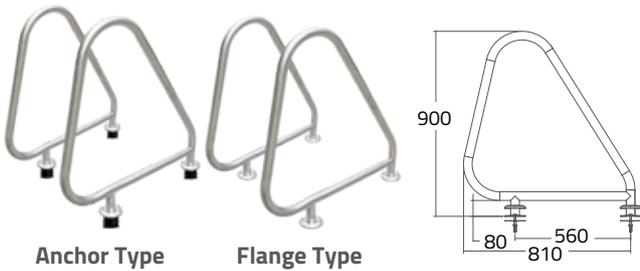
Code (AISI-304)	Code (AISI-316)	Model No.	A mm	B mm
9120007	9120010	BHL215-P	476	530
9120107	9120110	BHL315-P	476	780
9120207	9120210	BHL415-P	476	1030
9120307	9120310	BHL515-P	476	1280

\* Handrails in polished stainless steel 304 or 316 (φ42mm) tube. Steps made of stainless steel and plastic are available. Complete with anchoring or flange fixtures

# Exit Handrail

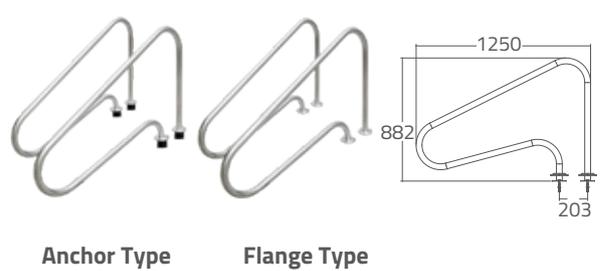
## ARA SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type
9125001	9125002	ARA	Anchor
9126001	9126002	ARA-F	Flange



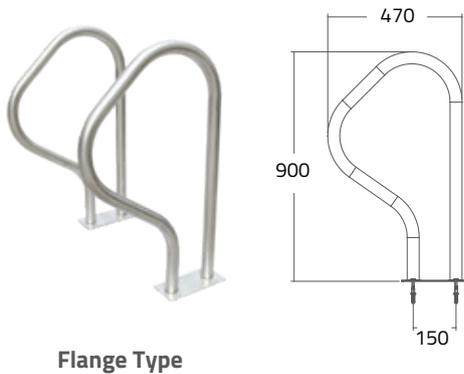
## ARG SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type
9125003	9125004	ARG	Anchor
9126007	9126008	ARG-F	Flange



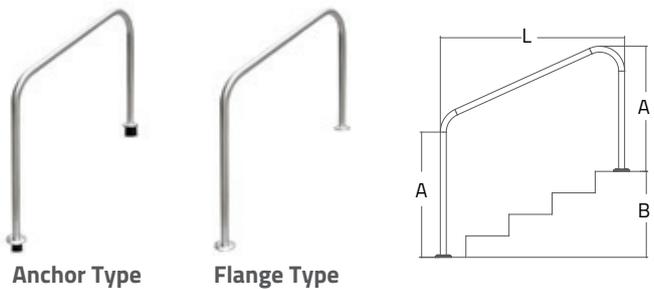
## ARB SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type
9126003	9126004	ARB-F	Flange



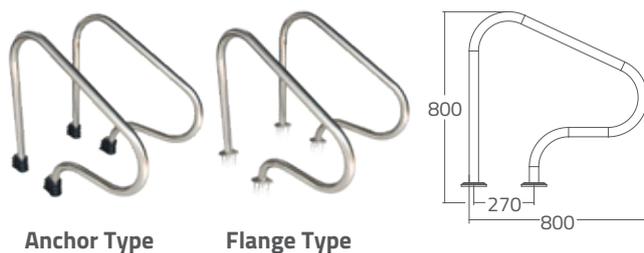
## ARN SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type	No. of Steps	L mm	A mm	B mm
9125005	9125006	ARN415	Anchor	4	1220	882	608
9125007	9125008	ARN515	Anchor	5	1524	882	855
9126009	9126010	ARN415-F	Flange	4	1220	882	608
9126011	9126012	ARN515-F	Flange	5	1524	882	855



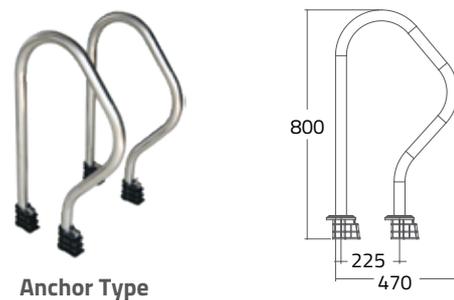
## ARP SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type
9125009	9125010	ARP	Anchor
9126013	9126014	ARP-F	Flange



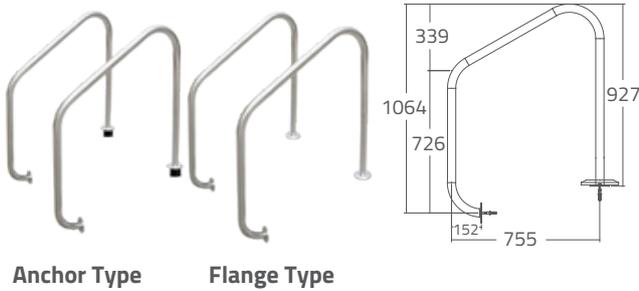
## ARV SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type
9125013	9125014	ARV	Anchor



## ARS SERIES

Code (AISI-304)	Code (AISI-316)	Model No.	Type
9125011	9125012	ARS	Anchor
9126015	9126016	ARS-F	Flange



## STRAIGHT GRABRAIL

Code (AISI-304)	Code (AISI-316)	Model No.	L mm
9127001	9127002	L50	500
9127003	9127004	L100	1000
9127005	9127006	L150	1500
9127007	9127008	L200	2000
9127009	9127010	L250	2500
9127011	9127012	L300	3000



## OTHER EQUIPMENT

### Straight Handrails

Handrail length in 1m

Code	Type
9129003	AISI-304
9129004	AISI-316



### Straight Connector

For joining the  $\phi 42$ mm pipe

Code	Type
9129005	AISI-304
9129006	AISI-316



### Curved Connector

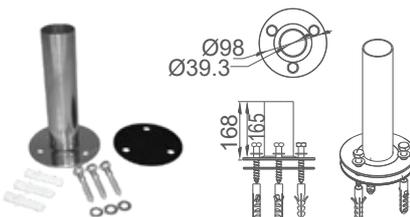
For joining the  $\phi 42$ mm pipe

Code	Type
9129007	AISI-304
9129008	AISI-316



### Flange Connection for Anchor Ladder (Pair)

Code	Type
9129201	AISI-304
9129202	AISI-316



### End Cap

For the end of  $\phi 42$ mm pipe

Code	Type
9129009	AISI-304
9129010	AISI-316



### Straight Bracket with Base Plate

Applicable for both concrete and vinyl pool

Code	Type
9129011	AISI-304
9129012	AISI-316



# Shower Head

7 water patterns are available for your choice



**FAST SPRAY**  
**EM4401**



**FULL BODY SPRAY**  
**EM4402**



**JET MASSAGE**  
**EM4405**

## EXPERIENCE WATER IN DIFFERENT WAYS!

Enjoy hydrotherapy shower using all physical properties of water to create a new experience. Emaux powerful shower heads are designed to offer excellent showering massage experience.

### Product Features:

1. Stainless Steel AISI-304 tube
2. Chrome plated heads
3. Hydrotherapy shower effects
4. Unique design with excellent waterproofing and corrosion resistance
5. Easy installation and maintenance

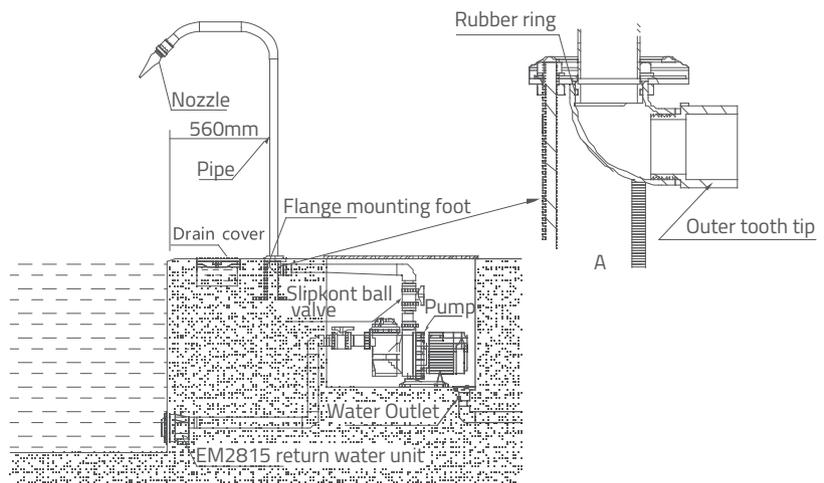
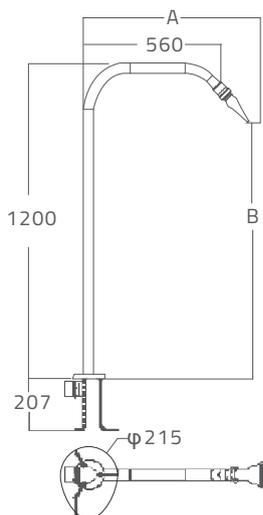


**MASSAGE SPRAY**  
**EM4406**

**JET SPRAY**  
**EM4404**

**INTENSE JET SPRAY**  
**EM4403**

Code	Model No.	Product Name	Connection Dimensions	Pressure (Kpa)	Flow Rate (m <sup>3</sup> /h)	Pattern	Min Pump Head	A mm	B mm
91602001	EM4401	Fast Spray	1.5" / 50mm	20 - 100	14.0 - 48.4	Universal Type	2m	663	946
91602002	EM4402	Full Body Spray	1.5" / 50mm	20 - 100	14.0 - 48.4	Universal Type	2m	705	902
91602003	EM4403	Intense Jet Spray	1.5" / 50mm	20 - 250	5.8 - 24.0	Universal Type	2m	630	962
91602004	EM4404	Jet Spray	1.5" / 50mm	20 - 120	18.0 - 50.0	Fixed Type	2m	628	968
91602005	EM4405	Jet Massage	1.5" / 50mm	20 - 100	14.0 - 48.4	Fixed Type	2m	553	1016
91602006	EM4406	Massage Spray	1.5" / 50mm	20 - 60	5.7 - 12.0	Fixed Type	2m	598	986

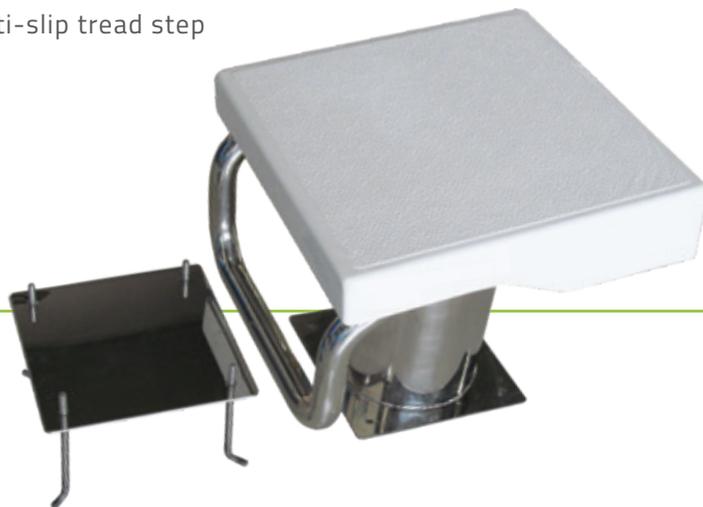


# STARTING PLATFORM

The ideal solution for deck-level swimming pool

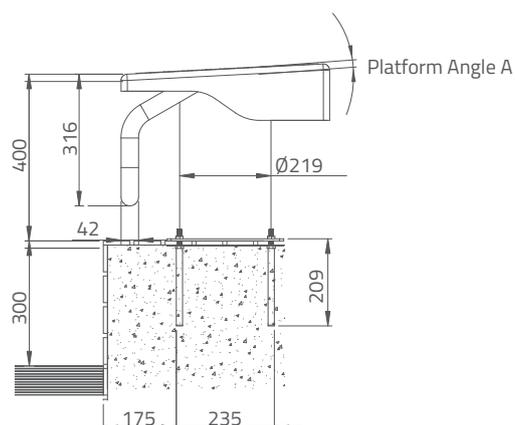
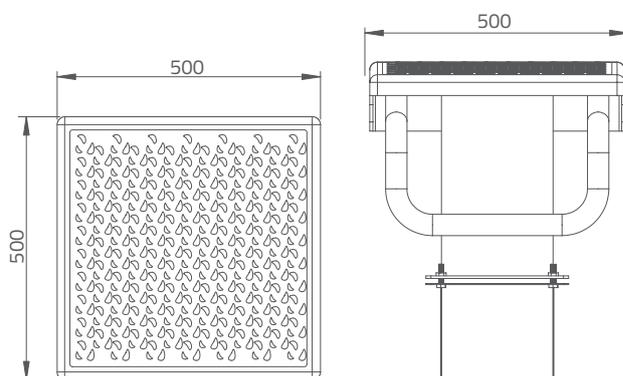
## ACHIEVE THE BEST RESULTS

1. Stainless Steel AISI-316 pedestal and backstroke handle
2. Solidly built fiberglass platform
3. Anti-slip tread step



## Product Information

Code	Model No.	Description
91601901	STP30R	Starting Platform 30 degree
91601902	STP60R	Starting Platform 60 degree

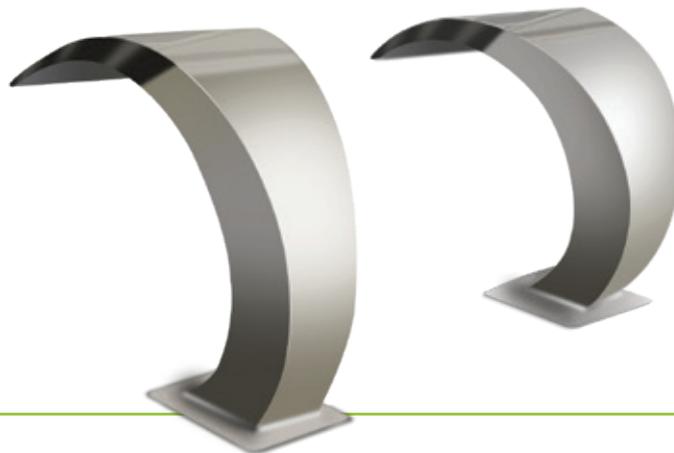


# WATER CASCADE

Creates a curtain of water

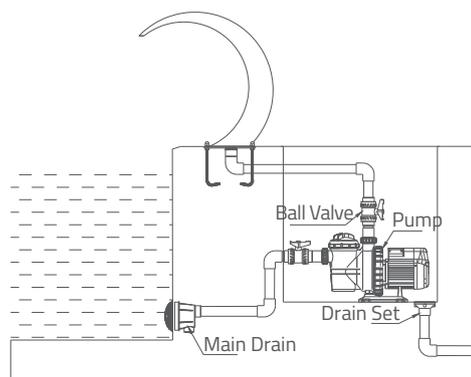
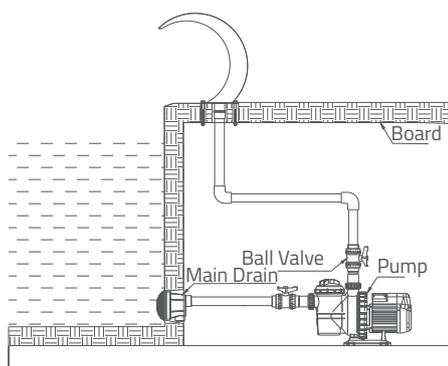
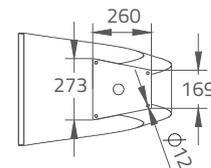
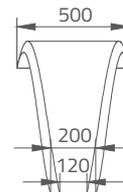
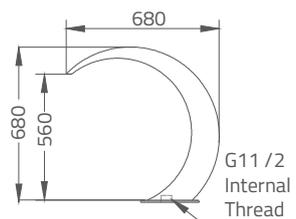
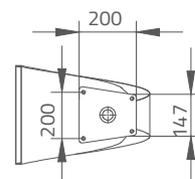
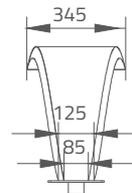
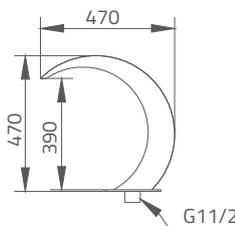
## ENJOYABLE WATERFALL MASSAGE

1. Stainless Steel AISI-316
2. Floor anchoring system, gaskets and stainless steel screw fittings



### Product Information

Code	Model No.	Connection	Dimension	Flow Rate
91601231	EM4416	1.5" / 50mm	345 x 470mm	12-14 m <sup>3</sup> /h
91601232	EM4417	1.5" / 50mm	500 x 680mm	12-14 m <sup>3</sup> /h







# ***CLEANING EQUIPMENT***

# CleanTop Series Pool Cleaning Tools

Stylish design and excellent quality



## Triangular Vacuum Cleaner

360° swivel rotation heavy duty design for easy handling and faster cleaning. Side brushes to access and clean any pool corner. Internal weighted for optimum bottom pool surface displacement. Fits vacuum hoses of 32/38 mm.

Code	Model	Size
9101308	CE317	230 x 230 x 92mm



## Professional Triangular Vacuum Cleaner

360° swivel rotation heavy duty design for easy handling and faster cleaning. Side brushes to access and clean any pool corner. Internal weighted for optimum bottom pool surface displacement. Fits vacuum hoses of 38/50 mm.

Code	Model	Size
9101309	CE318	288 x 288 x 132mm



## Flexible Vacuum Cleaner

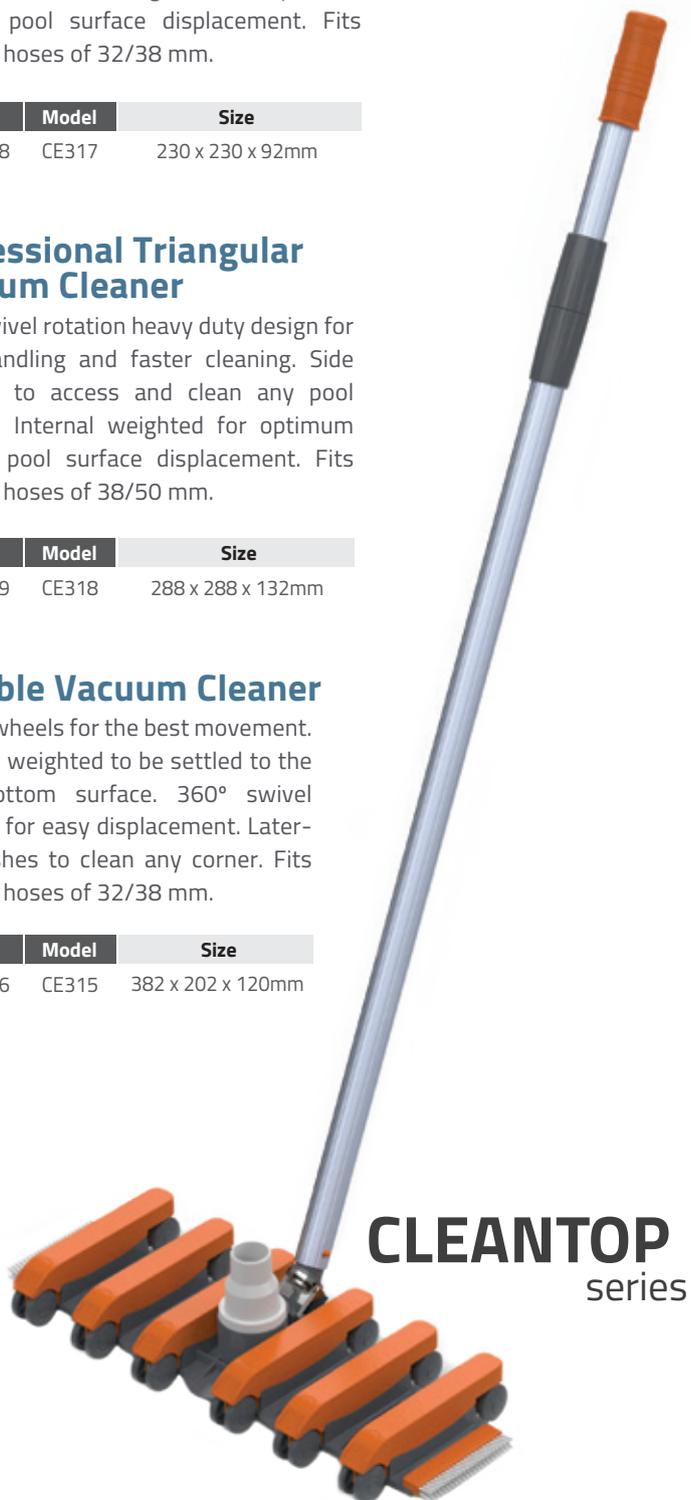
Rotary wheels for the best movement. Uniform weighted to be settled to the pool bottom surface. 360° swivel rotation for easy displacement. Lateral brushes to clean any corner. Fits vacuum hoses of 32/38 mm.

Code	Model	Size
9101306	CE315	382 x 202 x 120mm

## Professional Vacuum Cleaner

Designed for pool professionals to achieve the best cleaning performance. Largest bottom suction surface, heavy weighted with double directional wheels, 360° swivel, lateral brushes, a big heavy duty vacuum cleaner with handy movement.

Code	Model	Size
9101307	CE316	517 x 202 x 130mm



**CLEANTOP**  
series



### Tech Brush

High design & heavy-duty materials. Proper brushing with strong bristles. Standard clip attachment for any telescopic pole.

Code	Model	Size
9100308	CE212	444 x 55 x 44mm



### Surface leaf skimmer

Strong surface leaf skimmer, easy net replacement. Internal aluminium frame. Standard clip attachment for any telescopic pole.

Code	Model	Size
9100505	CE107	356 x 454 x 56mm



### Chemical Tablets Dispenser

Optimum floatability with cute design, regulable opening for proper dosing, healthy pool. Premium ABS materials. Capacity: 3 tablets of 200 g.

Code	Model	Size
9100802	CE502	∅276 x 128mm



### Heavy Duty Professional Floating Tablets Dispenser

Premium design for proper floating & dosing, premium ABS materials. Capacity: 5 tablets of 200 g.

Code	Model	Size
9100803	CE503	∅276 x 188mm



### Professional telescopic pole

Silver anodized aluminium, heavy duty grip & lock for intensive use.

Code	Model	Size
9100619	CE142	2 x 1.8m
9100620	CE143	2 x 2.4m
9100621	CE144	2 x 3m
9100622	CE145	2 x 3.5m
9100623	CE146	2 x 4m



### Top Visual Floating Thermometer

Large numbers, buoy design high stability and easy reading.

Code	Model	Size
9101003	CE405	165 x 165 x 168mm

# Automatic Pool Cleaner

Never been so easy

## NO ELECTRICITY NEEDED!

The unique design of Emaux Automatic Pool Cleaner is our outstanding cleaning device with a suction function which ensures trouble-free operation. The power suction helps in the scrubbing of the wall and floor without any supervision.

### Integrated Design

Emaux Automatic Pool Cleaner is designed to a high standard with quality material that enhances the durability. The special pleated seal maximizes the cleaning performance and excellent adhesion enables the scrubbing of the entire surface of the pool.

### Package Includes:

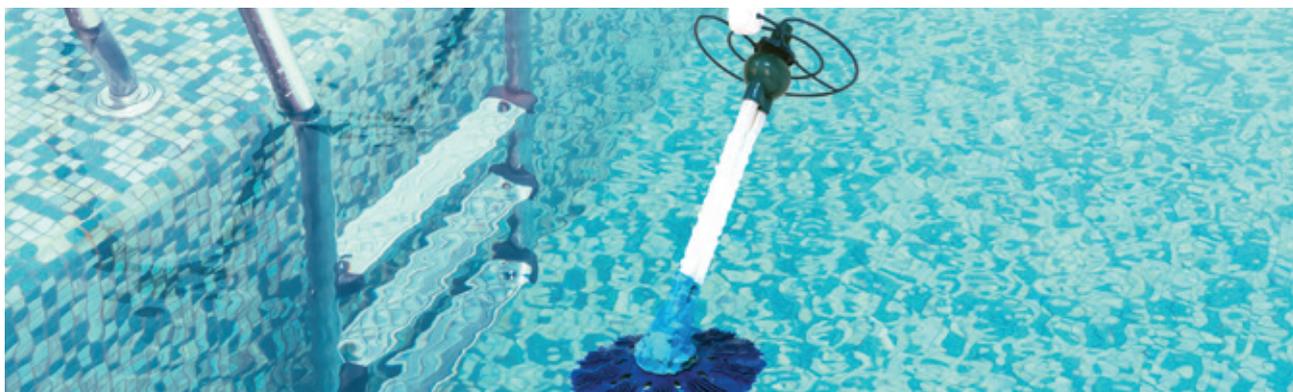
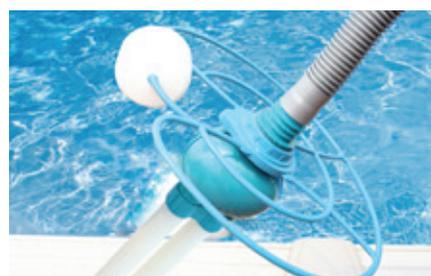
1. Nut for Hose
2. Hose weight
3. Automatic Regulator Valve
4. Hose cone
5. Roller bumper strap
6. Pleated seal
7. 0.8m hose x 13

### Product Features:

1. User-friendly and easy installation in a minute
2. Suitable for domestic in-ground pool and above ground pool
3. Quiet and fast cleaning
4. No electrical connection needed - this cleaner draws its power from the suction of the pool pump and cleans the pool while the filtration system is running



Code	Model
9101404	CE306

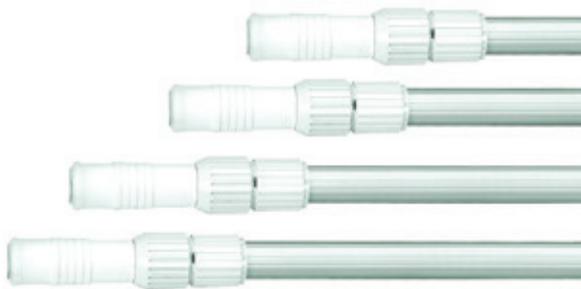


# Pool Cleaning Tools Pole and Hose

A complete line of pool maintenance products

## ALUMINIUM TELESCOPIC POLES WITH GRIP LOCK

Telescopic poles are constructed of premium extruded 1.2mm aluminium tubing. It comes with vinyl handle and user-friendly grip lock. Designed for use with hand skimmers, leaf rakes, brushes, and vacuum heads.



Code	Model	Size
9100603	CE132	2 x 2.4m
9100605	CE133	2 x 3m
9100607	CE134	2 x 3.5m
9100609	CE135	2 x 4m
9100611	CE136	2 x 1.8m

### Blow Mold Vacuum Hose

The economic blow molded flexible hose is made specifically for vacuuming residential pools. It withstands pool chemicals and outdoor conditions. The inner wall design of the hose also allows for an efficient flow of the water.



Code	Model	Size
9101203	CE154	Ø38mm x 29ft (9m)
9101204	CE155	Ø38mm x 36ft (11m)
9101205	CE156	Ø38mm x 42ft (13m)
9101206	CE157	Ø38mm x 49ft (15m)

### Spiral Wound Vacuum Hose

The tough, crush-proof Emaux spiral wound hose is used by service professionals to manually vacuum the pools. A high quality, heavy-duty durable construction, UV protected and abrasion resistant.



Code	Model	Size
9100201	CE160	Ø38mm x 30ft (9.1m)
9100202	CE161	Ø38mm x 35ft (10.7m)
9100203	CE162	Ø38mm x 40ft (12.2m)
9100204	CE163	Ø38mm x 45ft (13.7m)
9100205	CE164	Ø38mm x 50ft (15.2m)



# Hand Skimmer and Brush

## Hand Skimmer and Leaf Rake

Hand skimmers and leaf rakes are made of high quality PP and Nylon. Used for collecting leaves and other debris in the pool, they are designed to be attached to a telescopic pole.

### Hand Skimmer and Leaf Rake



Code	Model
9100701	CE101

### Standard Hand Skimmer



Code	Model
9100501	CE102

### Economy Hand Skimmer



Code	Model
9100503	CE105

## Plastic Brushes

Plastic Brushes are made of hard-wearing ABS and PP. They are used for regularly brushing the pool walls, in order to prevent the build up of algae. Designed to be attached to a telescopic pole.

### 9" Plastic Brush



Code	Model
9100303	CE202

### 14" Plastic Brush



Code	Model
9100305	CE203

### 18" Plastic Brush



Code	Model
9100301	CE201

## Stainless Steel Algae Brushes

Stainless steel algae brushes are made of reliable ABS and salt water resistant AISI-316 stainless steel. Used for scrubbing out stubborn algae that grows on the walls and in the grout of concrete pools. Designed to be attached to a telescopic pole.

### 9" Stainless Steel Algae Brush



Code	Model
9100007	CE204

### 14" Stainless Steel Algae Brush



Code	Model
9100009	CE205

### 18" Stainless Steel Algae Brush



Code	Model
9100011	CE206

# Vacuum Head

## Vacuum Head

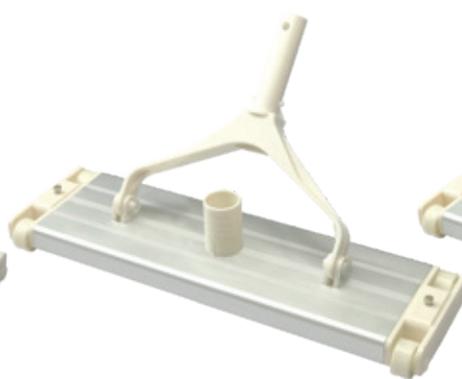
Emaux vacuum heads are made of robust PA / Aluminium materials. These models are designed for heavy-duty use and have a strengthened handle and flexible wheels.

**14" Aluminium Vacuum Head (Ø38mm connection)**



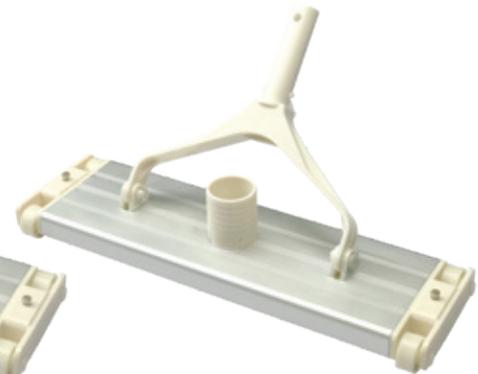
Code	Model
9101301	CE310

**18" Aluminium Vacuum Head (Ø38mm connection)**



Code	Model
9101302	CE311

**18" Aluminium Vacuum Head (Ø50mm connection)**



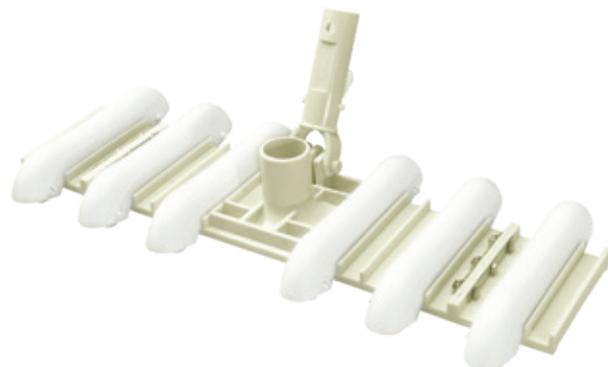
Code	Model
9101303	CE312

**14" Flexible Pool Vacuum Head**



Code	Model
9100101	CE301

**19" Flexible Pool Vacuum Head**



Code	Model
9100103	CE305

**Economy Vinyl liner Vacuum Head**



Code	Model
9100901	CE302

**Deluxe Vinyl liner Vacuum Head**



Code	Model
9100903	CE304

# Economical Cleaning Accessories

## Vacuum Head and Vacuum Hose

### Vacuum Head

**Rotative Triangular vacuum Head with Swivel**



Code	Model	Size
9101316	CE325	300 x 300 x 137mm

**Rotative Vacuum Head with Air Relief Valve**



Code	Model	Size
9101317	CE326	342 x 190 x 110mm

**Rotative Vacuum Head with Side Brushes and Air Relief Valve**



Code	Model	Size
9101318	CE327	350 x 180 x 120mm

**Deluxe Triangule Vacuum Head Brush with Standard Handle-PP Bristles**



Code	Model	Size
9101312	CE321	310 x 310 x 90mm

**Deluxe Fan-Shaped Vacuum Head Brush with Standard Handle-PP Bristles**



Code	Model	Size
9101313	CE322	340 x 190 x 100mm

### Vacuum Hose

**Blow Molded Vacuum Hose with Standard Cuff**



Code	Model	Size
9101209	CE170	Ø38 x 29ft (9m)
9101210	CE171	Ø38 x 36ft (11m)
9101211	CE172	Ø38 x 42ft (13m)
9101212	CE173	Ø38 x 49ft (15m)

**Sprial Wound Vacuum Hose (2 Color) with Standard Cuff**



Code	Model	Size
9100207	CE166	Ø38 x 29ft (9m)
9100208	CE167	Ø38 x 36ft (11m)
9100209	CE168	Ø38 x 42ft (13m)
9100210	CE169	Ø38 x 49ft (15m)

# Economical Cleaning Accessories

## Jet Head and Leaf Skimmer

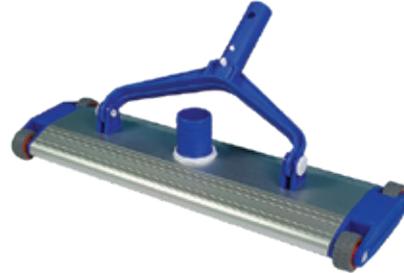
### Jet Head

14" Aluminum Vacuum Head



Code	Model	Size
9101310	CE319	345 x 140 x 90mm

18" Aluminum Vacuum Head



Code	Model	Size
9101311	CE320	440 x 130 x 86mm

Deluxe 14" Flexible Vacuum Head  
Plastic Handle



Code	Model	Size
9101314	CE323	355 x 180 x 60mm

Deluxe 19" Flexible Vacuum Head



Code	Model	Size
9101315	CE324	490 x 180 x 60mm

### Leaf Skimmer

Aluminum Leaf Rake  
(PE Net)



Code	Model	Size
9100704	CE109	345 x 440 x 40mm

Deluxe Aluminum Frame  
Leaf Roake



Code	Model	Size
9100705	CE110	420 x 480 x 30mm

Heavy Duty Aluminum Leaf  
Skimmer (Nylon Net) with  
Fishtail EZ Clip Handle



Code	Model	Size
9100507	CE111	470 x 320 x 30mm

# Economical Cleaning Accessories

## Brushes

### Brushes

5" Wall Brush



Code	Model	Size
9100312	CE216	125 x 140 x 130mm

10" Wall Brush with PP Bristle



Code	Model	Size
9100313	CE217	260 x 150 x 100mm

16" wall Brush with PP Bristle



Code	Model	Size
9100314	CE218	390 x 150 x 110mm

18" Standard Curved Wall Brush



Code	Model	Size
9100315	CE219	450 x 140 x 140mm

5" Stainless Steel Algae Brush with Polished Aluminum Back & "Spring Clip" Handle



Code	Model	Size
9100013	CE220	125 x 150 x 125mm

10" Stainless Steel Algae Brush with Polished Aluminum Back & "Spring Clip" Handle



Code	Model	Size
9100014	CE221	250 x 150 x 130mm

18" Stainless Steel Algae Brush with Polished Aluminum Back and fishtail EZ Clip Handle



Code	Model	Size
9100015	CE222	442 x 133 x 130mm

# Economical Cleaning Accessories

## Brushes & Chemical Dispenser

### Brushes

Vacuum Corner Brush



Code	Model	Size
9100310	CE214	80 x 145 x 180mm

Water Gun Brush



Code	Model	Size
9100311	CE215	140 x 190 x 90mm

### Chemical Dispenser

Dia. 5" Adjustable Floating Chemical Dispenser for 1-1/2" Tablets



Code	Model	Size
9100806	CE506	130 x 130 x 70mm (Shrink) / 130 x 130 x 130mm (Stretch Out)

Dia.7" Medium Floating Chemical Dispenser for 3" tablets



Code	Model	Size
9100807	CE507	220 x 170 x 200mm

Dia. 7" Smart Floating Dispenser for 3" & 4" Tablets



Code	Model	Size
9100804	CE504	200 x 197 x 160mm

Dia.9" Deluxe Floating Chemical Dispenser for 3" Tablets



Code	Model	Size
9100805	CE505	227 x 180 x 180mm

# Thermometer And Test Kit

## Thermometer

Thermometers are made of ABS and PVC with exceptional quality. Easy to read temperatures in Celsius and Fahrenheit. Available in standard and floating models.

### Floating Thermometer



Code	Model
9101001	CE401

## Test Kit

Emaux high quality Test Kits for easily measuring the pH and chlorine levels of your pool water. Refill packages are available.

### Test Kit for pH and Chlorine



Code	Model	Description
931100533	CE029	Test Kit
931100528	CE029-pH	Red pH solution
931100529	CE029-OTO	Yellow OTO solution

### 2 in 1 Test Kit



Code	Model	Description
931100526	CE031	Test Kit
931100531	CE031-pH	Red pH solution
931100532	CE031-OTO	Yellow OTO solution
931100530	CE031R	pH & OTO solution

## Chemical Dispenser

Chemical Dispensers are made of high-grade ABS plastic. Designed to accommodate standard chlorine tablets for pools. Adjustable flow rate regulates the dissolving time of the tablets to maintain the correct level of chlorine in the water.



Code	Model
9100801	CE501

# Salinity Meter

Assess the concentration of salt

## QUICK RESPONSE AND EASY TO CALIBRATE

This pocket digital Salinity Meter is designed for the pool professional for testing the salt level in pools using salt chlorinators. The meter is dipped into pool water to get instant measurements from a range of 0 to 70 ppt (0 - 70,000ppm) at temperatures from 0 - 50°C.



### Product Information

Code	Model	Salinity Range	Accuracy	Salinity Resolution	Temperature Range	Operating RH%
9316635	8371	0-10.00ppt(NaCl) 10.1-70.0ppt(NaCl)	+/-1%F.S +/- 1 digit 1ppm or 0.01ppt +/-2%F.S +/- 1 digit (10.1-70.0 ppt)	0.01 0.1(10.1-70.0ppt)	0~50.0°C	Humidity < 80%



### Product Features:

1. Dual display Temp. & Salinity with ATC
2. Waterproof membrane keypad
3. Low cost and high accuracy
4. Built-in NaCL Temp. coefficient
5. Built-in NaCL Cond. to TDS conversion factor
6. Auto power off / Non-Sleep mode disable
7. Big LCD dual display
8. Auto temperature compensation
9. One-touch auto-calibration
10. Data hold function
11. Calibration information review
12. Low battery indicator

### Package Contains:

1. The meter x 1
2. LR44 button battery x 4
3. Operation manual
4. Color box or plain box

# ORP Meter & PH Meter

## ORP Meter

ASSESS THE ORP (OXIDATION-REDUCTION POTENTIAL)

### EASY TO USE AND FACTORY CALIBRATED

ORP Meter ideal for use in swimming pools and spas, as it can provide a valuable indication of water quality. The size is small and easy to carry with. Simple to use and provides instant display of results.



#### Product Features:

1. Big LCD with real time ORP display in mV
  2. Storage solution bottle to keep sensor wet & last life time
- Application: - excellent to use in the water disinfection process  
- excellent to use in the aquaculture

#### Package Contains:

1. The meter x 1
2. LR44 button battery x 4
3. Operation manual

#### Product Information

Code	Model	mV Range	mV Accuracy	mV Resolution	Operating Temp.	Operating RH%	Storage Temp.	Storage RH%
9318521	8552	-999mV~ +999mV	+/- 4mV	1mV	0~60.0°C	Humidity <80%	-10~60°C	Humidity <90%

## pH/Temperature Meter

ASSESS THE PH AND THE TEMPERATURE

### USER FRIENDLY AND EASY TO CALIBRATE

This pocket digital pH/Temp Meter is designed for on-the-go measurements of pH and temperature. The high accuracy pen type pH/Temp meter uses combined pH electrode of high sensitivity, fast response, and good repetition as probe. It has a pH range from 0 to 14 with an accuracy of  $\pm 0.05$  pH.



#### Product Features:

1. Big LCD with dual display
2. pH/Temperature dual display
3. Measuring stability indicator
4. One touch auto-calibration up to 3 points
5. Calibration values are adjustable
6. Can keep sensor wet & last life time

#### Package Contains:

1. The meter x 1
2. LR44 button battery x 4
3. Operation manual

#### Product Information

Code	Model	pH Range	pH Accuracy	pH Resolution	Temp. Range	Temp. Accuracy	Operating Temp.	Operating RH%
9318522	8686	0.00~14.00	+/-0.05	0.01	0~60.0°C	+/-0.5°C	0~50°C	Humidity <80%



# ***HEATING EQUIPMENT***

# HET Series Heat Exchanger

Connects to different kinds of boilers, heat pumps and solar panel systems

## PREMIUM THERMAL CONDUCTIVITY

The Emaux HET series heat exchanger is constructed from titanium, making it ideal for demanding installations with a high risk of corrosion, particularly in saltwater pools or when using a salt chlorinator. Renowned for its impressive output and exceptional heat transfer capabilities, this series is suitable for a variety of applications. Each model is designed for easy installation and compatibility with various systems, including boilers, heat pumps, and solar panel setups. The Emaux HET series is distinguished by its reliability and performance, ensuring effective thermal management in diverse environments.



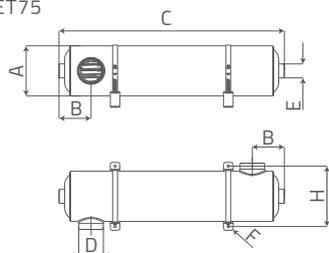
### Product Features:

1. Titanium casing: HET75 (Ø133 x1.5mm)  
HET200 (Ø196 x1.5mm)
2. Titanium twisted tubes for heat transfer
3. SS AISI-316 stainless steel base
4. Suitable for pools up to 300m<sup>3</sup>
5. 75kW or 200kW availability
6. Vertical installation

### Product Dimensions and Technical Information

Code	Model	Capacity		Weight kg	Hot Water Flow (l/min)	Pool Water Flow (l/min)	A mm	B mm	C mm	D inch	E inch	F mm	G mm	H mm
		kw	kBtu/h											
9170201	HET75	75	260	3.8	35	300	Φ133	84	537	2"	1"	Φ6	165	160
9170202	HET200	200	680	13.2	95	600	Φ196	143	626	2.5"	2"	Φ6	213	230

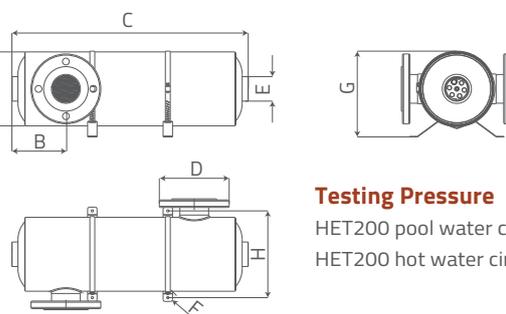
HET75



#### Testing Pressure

HET75 pool water circuit 5bar  
HET75 hot water circuit 10bar

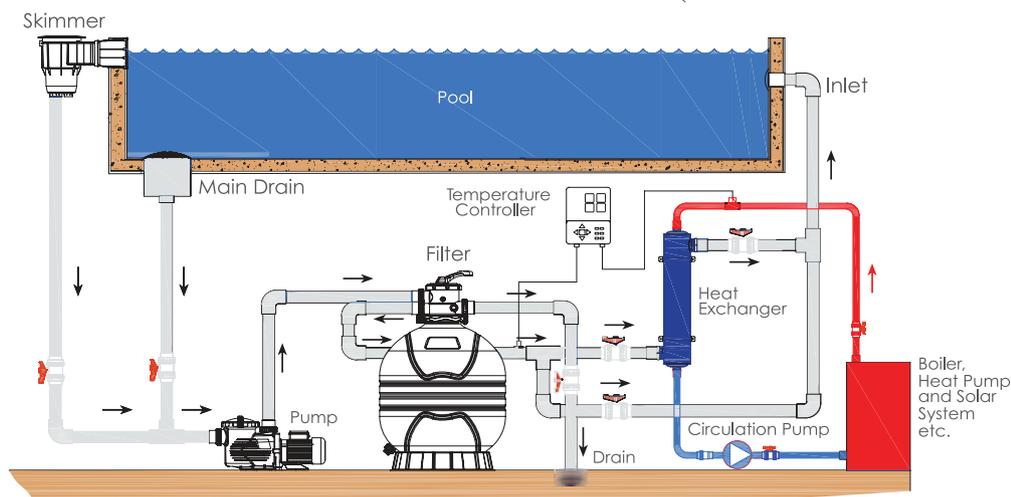
HET200



#### Testing Pressure

HET200 pool water circuit 4bar  
HET200 hot water circuit 10bar

### Installation

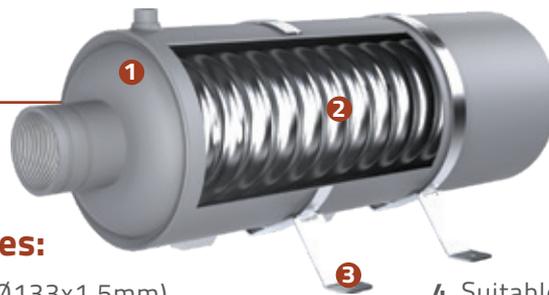


# HST Series Heat Exchanger

Connects to different kinds of boilers, heat pumps and solar panel systems

## ENGINEERED FOR EXCELLENCE IN HEAT TRANSFER!

The Emaux HST series heat exchanger is made from titanium, making it perfect for challenging environments prone to corrosion, especially in saltwater pools or with salt chlorinators. Its innovative spiral heat tubes design enhances heat distribution, ensuring the system is both efficient and energy-saving. Known for its impressive output and superior heat transfer capabilities, this series is versatile for multiple applications. Each model is designed for straightforward installation and compatibility with various systems, including boilers, heat pumps, and solar panel setups. The Emaux HST series stands out for its reliability and performance, providing effective thermal management across diverse environments.

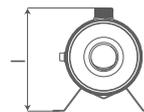
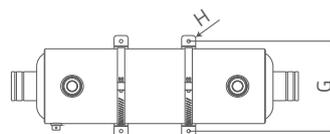
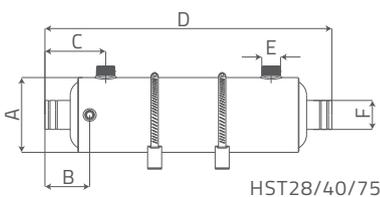


### Product Features:

1. Titanium casing ( $\text{Ø}133 \times 1.5 \text{mm}$ )
2. Titanium spiral tubes for heat transfer
3. SS AISI-316 stainless steel base
4. Suitable for pools up to  $300\text{m}^3$
5. 28kW to 75kW availability
6. Horizontal installation

### Product Dimensions and Technical Information

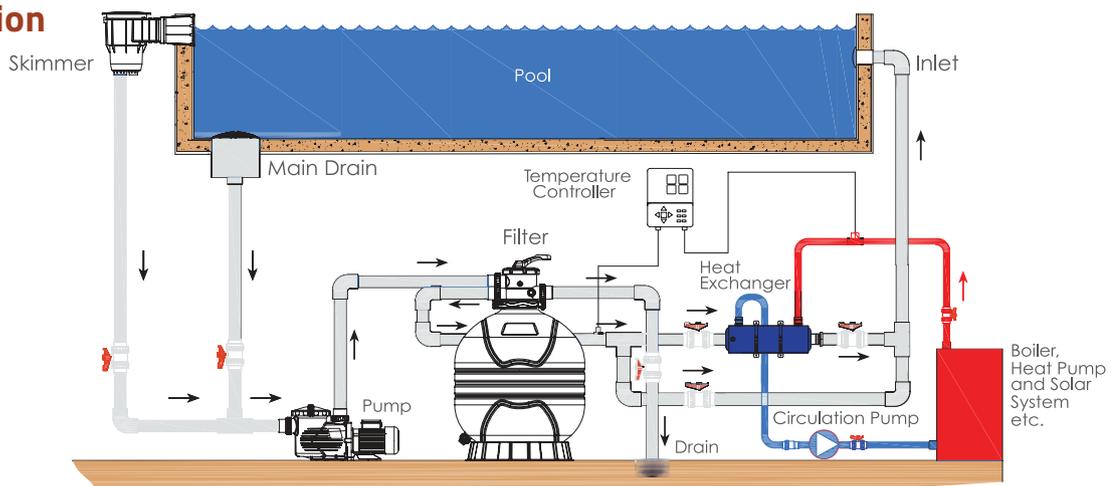
Code	Model	Capacity		Weight kg	Hot Water Flow (l/min)	Pool Water Flow (l/min)	A mm	B mm	C mm	D mm	E inch	F inch	G mm	H mm	I mm
		kw	kBtu/h												
9170203	HST28	28	100	2.2	20	300	$\text{Ø}133$	79.6	95	470	1"	1.5"	160	$\text{Ø}6$	183
9170204	HST40	40	135	2.3	40	300	$\text{Ø}133$	79.6	108	510	1"	1.5"	160	$\text{Ø}6$	183
9170205	HST75	75	260	3.7	45	300	$\text{Ø}133$	79.6	108	754	1"	1.5"	160	$\text{Ø}6$	183



### Testing Pressure

Pool Water Circuit: 5 Bar  
Hot Water Circuit: 30 Bar

### Installation



# HE Series Heat Exchanger

Connects to different kinds of boilers, heat pumps and solar panel systems

## EXCELLENT HEAT TRANSFER CAPABILITY

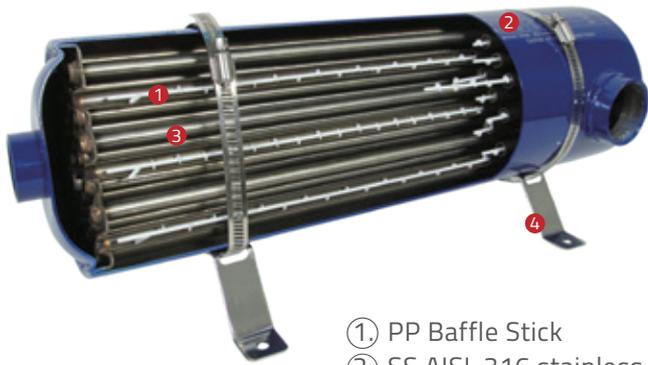
A heat exchanger is used to continually transfer heat/cold from one media to another in order to carry process energy.

Emaux HE series Heat exchanger produces high output and has excellent heat transfer capability. All models can be installed and connected to different kinds of boilers, heat pumps and solar panel systems.

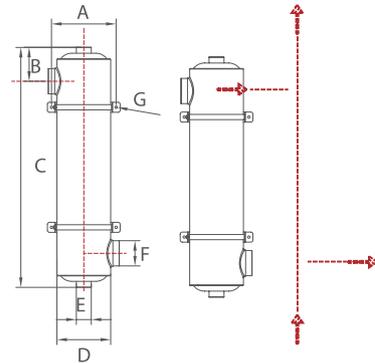
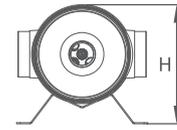


### Product Features:

1. High quality acid-resistant AISI-316 stainless steel
2. Precision-welded outer jacket
3. Seamless pipes equipped with flow restrictors for high heat exchange capacity
4. Four size: 40, 60, 75, 120 kW, suitable for swimming pools of up to 450m<sup>3</sup>



- ① PP Baffle Stick
- ② SS AISI-316 stainless steel casing (Ø133x1.5mm)
- ③ SS AISI-316 stainless steel heat transfer tubes (Ø10x0.6mm)
- ④ SS AISI-316 stainless steel base



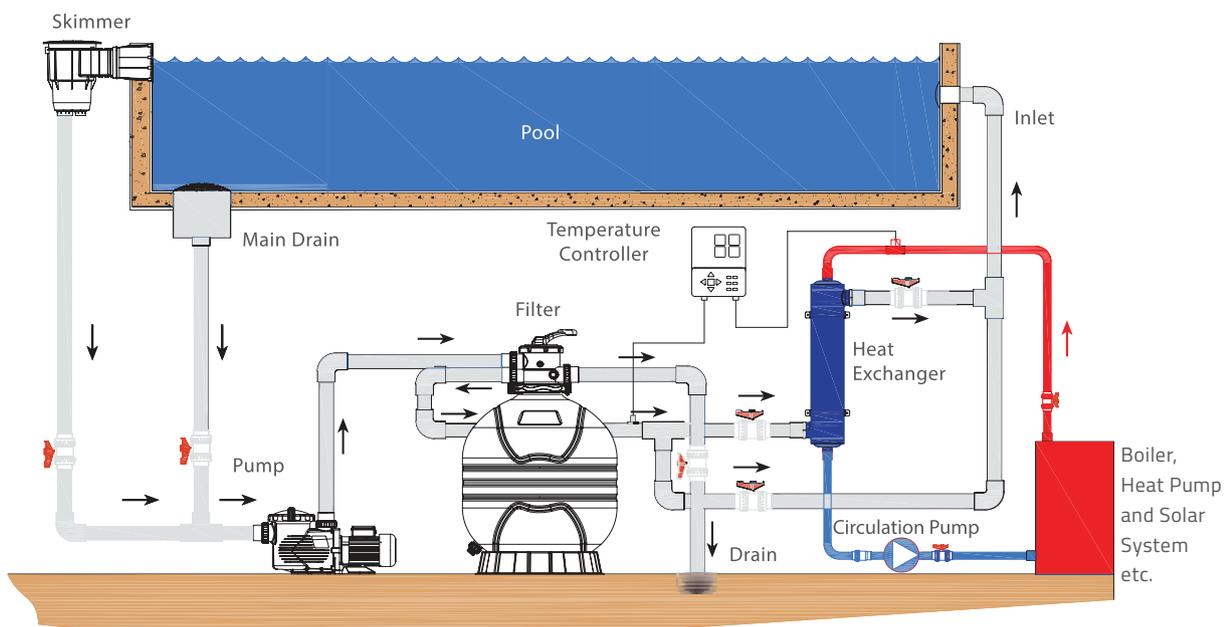
### Testing Pressure:

- 1. Pool Water Circuit: 5 Bar
- 2. Hot Water Circuit: 10 Bar

## Product Dimensions and Technical Information

Code	Model	Capacity kw	Capacity kBtu/h	Weight kg	Hot Water Flow (l/min)	Pool Water Flow (l/min)	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
9170105	HE30	30	100	3.3	20	150	160	75	310	Ø133	1"	1.5"	Ø6	165mm
9170101	HE40	40	135	4.0	25	200	160	75	360	Ø133	1"	1.5"	Ø6	165mm
9170102	HE60	60	200	5.2	30	250	160	75	480	Ø133	1"	1.5"	Ø6	165mm
9170103	HE75	75	260	6.4	35	300	160	85	600	Ø133	1"	2"	Ø6	165mm
9170104	HE120	120	400	10.8	50	360	160	85	1070	Ø133	1.5"	2"	Ø6	165mm
9170106	HE200	200	680	16.2	100	500	160	85	1740	Ø133	1.5"	2"	Ø6	165mm

## Installation



# EcoHeat Inverter Gold Heat Pump NEW

Full DC inverter pool heat pump

## HIGH PERFORMANCE & SAVE COST

The EcoHeat Inverter Gold Heat Pump features a durable ABS body designed to withstand year-round weather conditions. It utilizes advanced inverter technology, distinguished from traditional heat pumps, to save more energy and reduce carbon dioxide emissions. The unit comes with R32 refrigerant and achieves a high Coefficient of Performance (COP) of up to 17, ensuring exceptional energy efficiency. Equipped with an intelligent LED touch display for easy control, it operates effectively within an air temperature range of  $-7\sim 43^{\circ}\text{C}$ . A key benefit is its smart defrosting system, which automatically initiates defrosting when needed, optimizing performance and reliability.



**EcoHeat**  
INVERTER **GOLD** HEAT PUMP



*Intelligent LED Touch Display*

### INTELLIGENTLY SMART FUNCTION

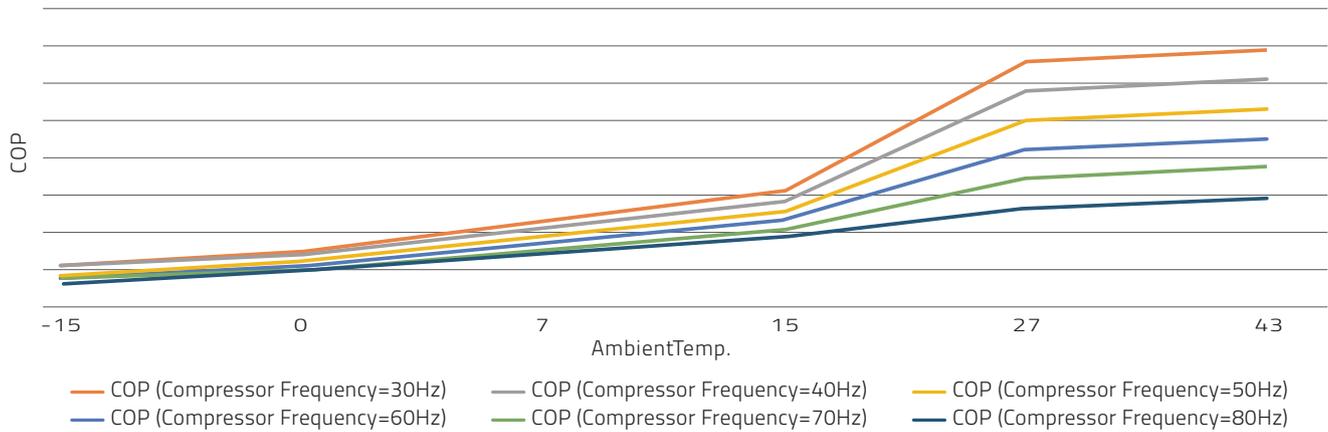
The smart AUTO modes dynamically adjust to temperature changes, saving energy and maintaining pool heat.

CE CB IPX4

## Product feature:

- Operation air temperature (-7~43°C)
- Heating up to 40°C; Cooling up to 8°C
- ABS Front panel, Metal back panel
- Connection: 1.5"/ 50mm
- IPX4 Waterproof Standard
- Intelligent LED Touch Display
- Automatic defrosting with smart control

Graph of variable working condition for COP  
The maximum COP can reach 17



## Product Dimensions

Code	Model	Net weight (KG)	Gross weight (KG)	Net dimensions (mm)	Packing dimensions (mm)
931866226	EcoHeat 20	42	52	929.5×360×609.8	980×420×760
931866228	EcoHeat 35	44	54	929.5×360×609.8	980×420×760
931866230	EcoHeat 50	68.5	73	1045×454.6×771.3	1140×490×910
931866231	EcoHeat 60	89	106	1159×490×858	1210×555×1010
931866233	EcoHeat 80	99	118	1159×490×858	1210×555×1010



## Product Information

Code	Model	Advised Pool Volume (m³)	Air 27°C / Water 26°C (Humid. 80%)			Air 15°C / Water 26°C (Humid. 70%)			Heating Running Current (A)	Air 35°C / Water 30°C (Humid. 41%)			Cooling Running Current (A)	Power Supply (V/Ph/Hz)	Water Flow Volume (m³/h)	Noise (Min-Max) dB(A)
			Heating Capacity (kW)	Consumed Power (kW)	COP Range	Heating Capacity (kW)	Consumed Power (kW)	COP Range		Cooling Capacity (kW)	Consumed Power (kW)	EER Range				
931866226	EcoHeat 20	25-45	3.2-8.8	0.2-1.52	16.0-5.8	1.33-6.3	0.19-1.54	7.0-4.1	9.90	1.05-2.77	0.31-1.41	3.35-1.96	2.22-6.02	230V 1Ph 50Hz, 60Hz	4.0	38-48
931866228	EcoHeat 35	35-70	3.42-13.1	0.2-2.27	16.3-5.8	1.8-9.8	0.25-2.23	7.2-4.4	12.51	1.47-3.76	0.37-1.75	4.03-2.15	2.85-7.43		5.2	39-51
931866230	EcoHeat 50	55-85	3.9-18.0	0.23-3.15	16.8-5.7	2.3-13.6	0.32-3.02	7.1-4.5	15.72	2.74-7.54	0.65-3.15	4.19-2.4	5.02-13.96		7.5	42-53
931866231	EcoHeat 60	60-95	6.0-24.0	0.35-3.82	17.0-6.3	4.2-18.0	0.55-3.92	7.6-4.6	22.7	4.87-12.5	1.17-4.34	4.16-2.88	5.19-19.26		8.5	44-55
931866233	EcoHeat 80	95-150	8.0-35.0	0.48-5.07	16.6-6.9	7.5-24.0	1.02-5.4	7.3-4.4	11.70	7.69-16.0	1.87-5.71	4.11-2.8	8.30-25.33		380-415V 3N 50Hz, 60Hz	13.8

# Inverter Heat Pump

Connects to different kinds of boilers, heat pumps and solar panel systems

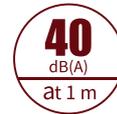
## HIGH COP TO SAVE ENERGY COST



Industry leading efficient stepless DC inverter control system. With smart conversion of compressor, fan motor and pressure system, it provides amazing energy saving performance with max COP of 16.1.



25% gas quota of R410a



Quiet as a fridge



Average COP 10.7  
93% free energy

### INVERPAD TECHNOLOGY

Thanks to the InverPad technology, the inverter provides an average of 93% free energy from ambient air.

## SILENCE TO RELAX YOUR MIND

A fully enclosed cabinet is specially designed for the compressor so that the running noise can be kept inside and the noise of the whole unit can maintain very low.



### Double-side Airflow Outlet

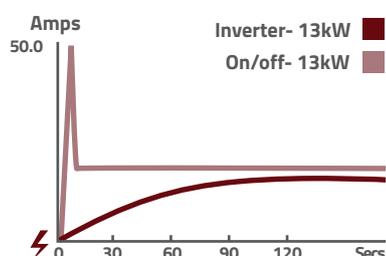
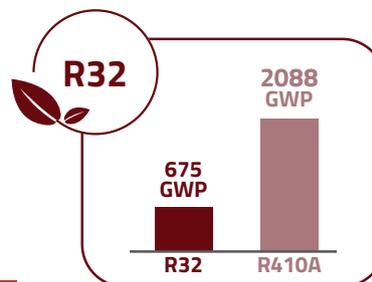
The unit uses double-side airflow cabinet which through years of application in the market is proven to be highly efficient in heat exchange and outstandingly silent during operation.

### Optional Noise Absorbing Cover

On the cabinet, the lively interplay of sheet metal surfaces combined with irregular shaped pattern is reminiscent of a high-performance swimming pool heat pump products. More importantly, noise absorption cover effectively reduces 8dB(A).

## Eco-friendly R32

32% GWP, 25% CO2 carbon consumption & 25% quota cost comparing to R410A.



## Full Protection on Electrical system

With a DC inverter compressor, inverter will start from 0 amps and increase steadily. There is no rush to the house electricity system.

## Wide Voltage Application

Self-adjustment to fit in unstable power supply, therefore voltage range can be 180V ~260V.



## Product Information

Code	Model	Heating capacity in A27°C/W27°C (kW)	COP Range	Heating capacity in A15°C/W26°C (kW)	COP Range	Operating Temp.	Heating Input Power (kW)	Rated Heating Running Current (A)	Cooling Capacity (kW)	Cooling Input Power (kW)	Cooling Running Current (A)	Power Supply (V/Ph/Hz)	Water Flow Volume (m <sup>3</sup> )	Noise (Min-Max) dB(A)	Water Connections (mm)
9318662-022	IHP13	3.5-13.5	6-16	2-9.5	4.5-8	-15°C	0.22-2.2	1-10	1.8-5	0.4-1.4	1-9	220-230V/1Ph/50Hz	4-7	42-50	50/48.3
9318662-023	IHP18	4.5-18	6-16	2.5-12	4.5-8	-15°C	0.35-3.2	1.8-15	4.5-8	1-2.3	1.5-14	220-230V/1Ph/50Hz	5-8	42-50	50/48.3
9318662-024	IHP21	5-21	6.1-16.1	3-14.5	4.6-8.1	-15°C	0.4-3.4	1.8-15.5	5-10	1.1-3.4	1.5-14.5	220-230V/1Ph/50Hz	5-8	42-52	50/48.3
9318662-025	IHP26	7-26	6-15.5	4-18	4.5-8.1	-15°C	0.5-4.3	2.3-21	5.5-11	1.3-3.9	2-19	220-230V/1Ph/50Hz	5-8	43-53	50/48.3
9318662-002	IHP36	9-36	6-16	6-24	4.5-8	-15°C	0.75-6	3.4-27.3	6.5-14	1.4-7.4	3-26.5	220-230V/1Ph/50Hz	6-10	46-54	50/48.3
9318662-026	IHP36S	9-36	6-16	6-24	4.5-8	-15°C	0.75-6	1.3-10.7	6.5-14	1.4-7.4	1-10	380-415V/3Ph/50Hz	6-10	46-54	50/48.3

## Product Dimensions

Code	Model	Net weight (KG)	Gross weight (KG)	Net dimensions (without front cover) (mm)	Packing dimensions (without front cover) (mm)	Net dimensions (with front cover) (mm)	Packing dimensions (with front cover) (mm)
9318662-022	IHP13	50	58	970*370*650	1170*415*800	970*470*650	1170*515*800
9318662-023	IHP18	55	63	970*370*650	1170*415*800	970*470*650	1170*515*800
9318662-024	IHP21	75	85	1115*430*850	1200*520*990	1115*530*850	1200*620*990
9318662-025	IHP26	78	88	1115*430*850	1200*520*990	1115*530*850	1200*620*990
9318662-002	IHP36	120	135	1115*430*1350	1200*520*1500	1115*530*1350	1200*620*1500
9318662-026	IHP36S	120	135	1115*430*1350	1200*520*1500	1115*530*1350	1200*620*1500

# Heat Pumps

Durable, low cost, easy and quiet operation

## B2 SERIES HEAT PUMP



### Product Features:

- 1. Durable** The long-life heat exchanger is made by PVC & titanium tube, which can withstand prolonged exposure to pool water.
- 2. Easy Operation** The unit is very easy to operate: switch it on and set the desired pool water temperature. Operates in a normal ambient temperature of 12-35°C.
- 3. Quiet Operation** The unit comprises an efficient rotary compressor and a low-noise fan motor, which guarantee its quiet operation.
- 4. Low Cost** The running costs are very low due to its high performance.

### Measuring Conditions

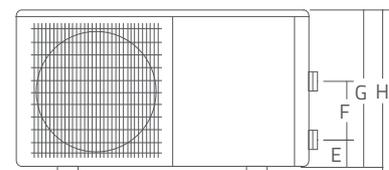
Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
HP4.5B2	260	293	754	770	100	260	460	485
HP5.6B2	280	360	936	950	110	250	520	550
HP7.8B2	280	360	936	950	110	250	520	550
HP9.5B2	300	370	1010	1085	110	270	580	615



### Product Information

Model	Net Dimensions L x W x H (mm)	Packing Dimensions L x W x H (mm)	Net Weight (kg)	Gross Weight (kg)
HP4.5B2	754 x 293 x 485	760 x 295 x 490	36	39
HP5.6B2	936 x 360 x 550	1090 x 390 x 580	39	42
HP7.8B2	936 x 360 x 550	1090 x 390 x 580	54	57
HP9.5B2	1010 x 370 x 615	1170 x 415 x 645	63	67



Code	Model	Heating Capacity in A27°C/W27°C (W)	Heating Capacity in A15°C/W26°C (W)	Rated Heating Capacity (W/BTU)	Heating Input Power (W)	Heating Running Current (A)	Power Supply (V/PH/Hz)
9318662-006	HP4.5B2	5500	4000	4500/15300	1050	4.8	220V/1PH/50Hz
9318662-008	HP5.6B2	6200	4500	5600/18000	1250	5.7	220V/1PH/50Hz
9318662-007	HP7.8B2	8900	6100	7800/26500	1650	7.5	220V/1PH/50Hz
9318662-009	HP9.5B2	11500	8200	9500/32500	1978	10	220V/1PH/50Hz

Model	Controller	Number of Compressor	Compressor	Number of Fan	Input Power of Fan (W)	Fan Speed (RPM)	Noise Db (A)	Water Connection (mm)	Water Flow Volume (m³/h)	Water Pressure Drop (kpa)
HP4.5B2	Mechanical	1	Rotary	1	25	900	54	50	4-6	10
HP5.6B2	Mechanical	1	Rotary	1	25	900	55	50	4-6	12
HP7.8B2	Mechanical	1	Rotary	1	25	900	55	50	4-7	12
HP9.5B2	Mechanical	1	Rotary	1	30	890	57	50	4-7	15

# B SERIES HEAT PUMP

## Product Features:

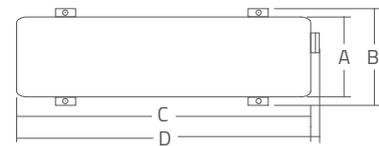
- High Efficiency** With a COP value up to 5.0, our heat pumps are very efficient when transferring heat from the air to the swimming pool water. Savings as much as 80 % of running costs are possible compared to an electrical heater.
- Long life-span** The heat exchanger is made by PVC & Titanium tube, which can withstand and prolong exposure to pool water.
- Easy Control and Operation** Easy control and operation by simply switching on and setting the desired water temperature. The built-in computerised controller permits the setting of the operational. The status can be displayed in the LCD Display



## Measuring Conditions

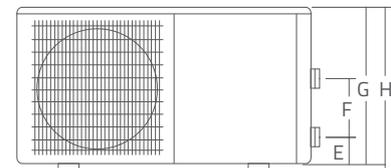
Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C  
 Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
HP5.6B	280	360	936	950	110	250	520	550
HP7.8B	280	360	936	950	110	250	520	550
HP9.5B	300	370	1010	1085	110	270	580	615
HP14B	420	470	1100	1150	80	350	664	700



## Product Information

Model	Net Dimensions L x W x H (mm)	Packing Dimensions L x W x H (mm)	Net Weight (kg)	Gross Weight (kg)
HP5.6B	936 x 360 x 550	1090 x 390 x 580	53	56
HP7.8B	936 x 360 x 550	1090 x 390 x 580	54	57
HP9.5B	1010 x 370 x 615	1170 x 415 x 645	63	67
HP14B	1170 x 470 x 690	1240 x 500 x 750	95	105



Code	Model	Heating Capacity in A27°C/W27°C (W)	Heating Capacity in A15°C/W26°C (W)	Rated Heating Capacity (W/BTU)	Heating Input Power (W)	Heating Running Current (A)	Rated Cooling Capacity (W/BTU)	Cooling Input Power (W)	Cooling Running Current (A)	Power Supply (V/PH/Hz)
9318662-021	HP5.6B	6100	4500	5600/18000	1083	5.0	3200/11000	1030	4.7	220V/1PH/50Hz
9318662-010	HP7.8B	8900	6500	7800/26500	1625	7.5	4800/16500	1550	7.1	220V/1PH/50Hz
9318662-011	HP9.5B	11500	8000	9500/32500	1938	8.8	5900/20000	1910	8.7	220V/1PH/50Hz
9318662-012	HP14B	15500	11000	14000/48000	2880	13.3	8600/29500	2980	13.8	220V/1PH/50Hz

Model	Controller	Number of Compressor	Compressor	Number of Fan	Input Power of Fan (W)	Fan Speed (RPM)	Noise Db (A)	Water Connection (mm)	Water Flow Volume (m³/h)	Water Pressure Drop (kpa)
HP5.6B	Electronic	1	Rotary	1	25	950	48	50	2-4	12
HP7.8B	Electronic	1	Rotary	1	25	950	48	50	3-5	12
HP9.5B	Electronic	1	Rotary	1	30	950	48	50	4-7	15
HP14B	Electronic	1	Scroll	1	60	950	50	50	5-8	15

# A SERIES HEAT PUMP

## Product Features:

- 1. High Efficiency** With a COP value up to 5.0, our heat pumps are very efficient when transferring heat from the air to the pool water. Savings as much as 80 % of running costs are possible compared to an electrical heater.
- 2. Long life-span** The heat exchanger is made by PVC & titanium tube, which can withstand and prolong exposure to pool water.
- 3. Easy Control and Operation** Easy control and operation by simply switching on and setting the desired water temperature. The built-in computerised controller permits the setting of the operational. The status can be displayed in the LCD Display.



## HP14A-26A



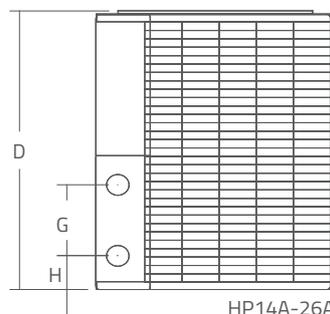
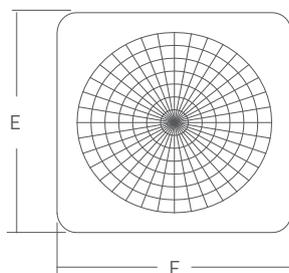
## Product Information

Model	Net Dimensions L x W x H (mm)	Packing Dimensions L x W x H (mm)	Net Weight (kg)	Gross Weight (kg)
HP14A	660 x 660 x 860	770 x 740 x 1010	105	113
HP17A	660 x 660 x 960	770 x 740 x 1110	108	120
HP21A	660 x 660 x 960	770 x 740 x 1110	111	123
HP26A	660 x 660 x 960	770 x 740 x 1110	112	125

## Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C  
 Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
HP14A	860	660	660	320	95
HP17A	860	660	660	450	95
HP21A	960	660	660	450	95
HP26A	960	660	660	500	95



HP14A-26A

## HP35A-50A



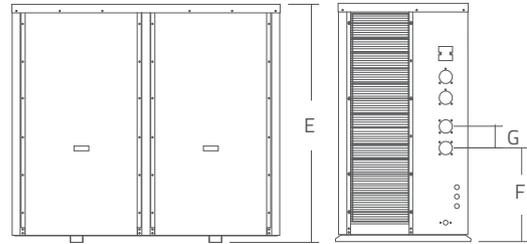
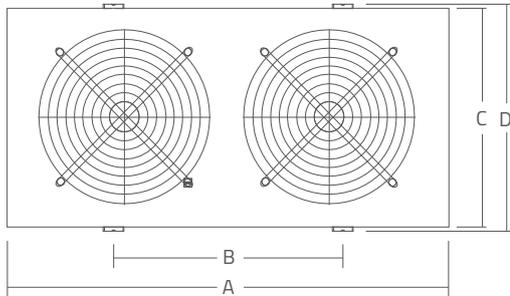
### Product Information

Model	Net Dimensions L x W x H (mm)	Packing Dimensions L x W x H (mm)	Net Weight (kg)	Gross Weight (kg)
HP35A	1448 x 730 x 1080	1630 x 830 x 1350	242	270
HP50A	1448 x 730 x 1280	1630 x 830 x 1450	243	272

### Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C  
 Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
HP35A	1448	690	700	770	1080	435	135
HP50A	1448	690	700	770	1280	506	120



HP35A-50A

## HP90A



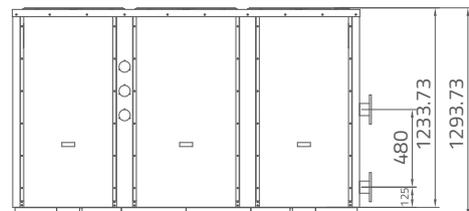
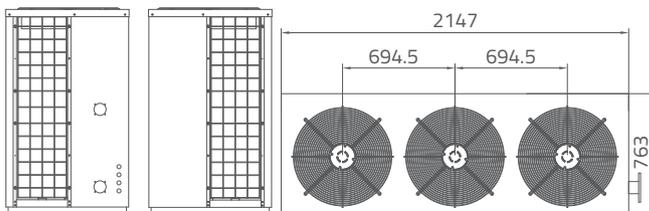
### Product Information

Model	Net Dimensions L x W x H (mm)	Packing Dimensions L x W x H (mm)	Net Weight (kg)	Gross Weight (kg)
HP90A	2150 x 770 x 1280	2275 x 900 x 1500	250	280

### Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C  
 Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
HP90A	2150	690	700	770	1280	125	480



HP90A

## HP105A-135A



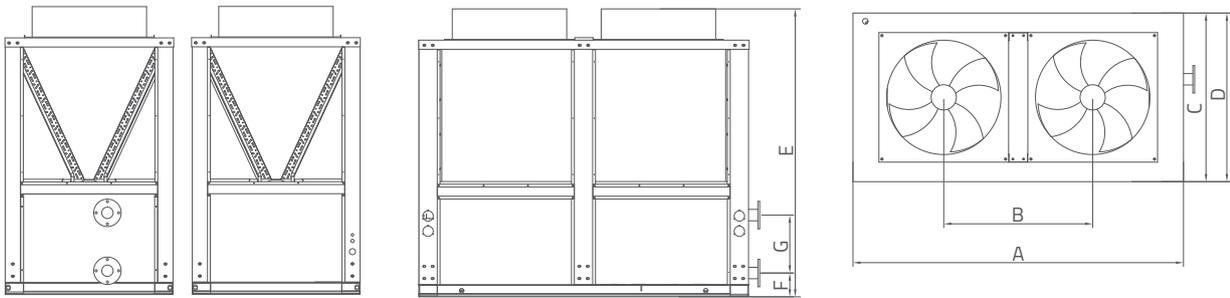
### Product Information

Model	Net Dimensions L x W x H (mm)	Packing Dimensions L x W x H (mm)	Net Weight (kg)	Gross Weight (kg)
HP105A	2160 x 1100 x 2030	2200 x 1220 x 2150	600	630
HP135A	2160 x 1100 x 2030	2200 x 1220 x 2150	630	660

### Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C  
Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
HP105A	2160	950	1100	1100	2030	180	380
HP135A	2160	950	1100	1100	2030	180	420



HP105A-HP135A

### Technical Information

Code	Model	Heating Capacity in A27°C/W27°C (W)	Heating Capacity in A15°C/W26°C (W)	Rated Heating Capacity (W/BTU)	Heating Input Power (W)	Heating Running Current (A)	Rated Cooling Capacity (W/BTU)	Cooling Input Power (W)	Cooling Running Current (A)	Power Supply (V/PH/Hz)
9318662-003	HP14A	15800	11000	14000/48000	2880	13.3	8600/48000	2980	13.8	220V/1PH/50Hz
9318662-014	HP17A	19000	12250	17000/60000	3500	16.1	10300/35200	3600	16.9	220V/1PH/50Hz
9318662-015	HP21A	23000	14800	21000/73000	4250	7.9	13500/46000	4650	8.3	220V/1PH/50Hz
9318662-004	HP21A	23000	14800	21000/73000	4250	7.9	13500/46000	4650	8.3	380V/3PH/50Hz
9318662-001	HP26A	27500	18000	26000/90000	5300	9.5	16000/55000	5730	10.5	380V/3PH/50Hz
9318662-016	HP35A	39000	25000	35000/120000	7100	12.3	29000/100000	9600	17.3	380V/3PH/50Hz
9318662-017	HP50A	55000	36000	50000/170000	10300	18.4	36000/123000	12100	21.6	380V/3PH/50Hz
9318662-018	HP90A	93000	61000	90000/306000	17500	31.2	58000/200000	18800	33.5	380V/3PH/50Hz
9318662-019	HP105A	120000	70000	105000/357000	22800	40.3	78000/266000	25100	44.8	380V/3PH/50Hz
9318662-020	HP135A	140000	92000	135000/459000	26800	47.8	96000/327000	28500	50.9	380V/3PH/50Hz

Model	Controller	Number of Compressor	Compressor	Number of Fan	Input Power of Fan (W)	Fan Speed (RPM)	Noise Db (A)	Water Connection (mm)	Water Flow Volume (m³/h)	Water Pressure Drop (kpa)
HP14A	Electronic	1	Scroll	1	200	850	60	50	5-8	15
HP17A	Electronic	1	Scroll	1	200	830	60	50	5-8	16
HP21A	Electronic	1	Scroll	1	200	830	60	50	6-10	16
HP26A	Electronic	1	Scroll	1	200	830	60	50	6-12	16
HP35A	Electronic	2	Scroll	2	200 x 2	830	61	63	8-15	18
HP50A	Electronic	2	Scroll	2	200 x 2	830	61	63	8-15	18
HP90A	Electronic	3	Scroll	3	200 x 3	830	61	63	35-55	28
HP105A	Electronic	4	Scroll	2	750 x 2	830	61	75	45-55	31
HP135A	Electronic	4	Scroll	2	750 x 2	830	61	75	55-65	32



# ***COMPETITION POOL***

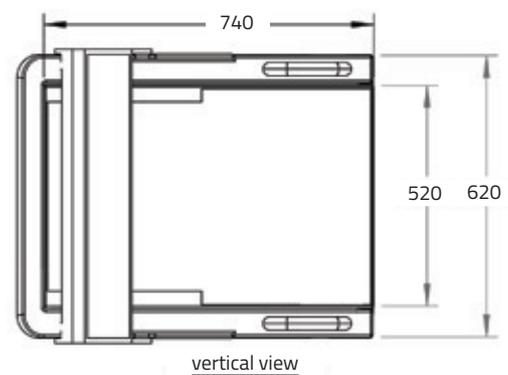
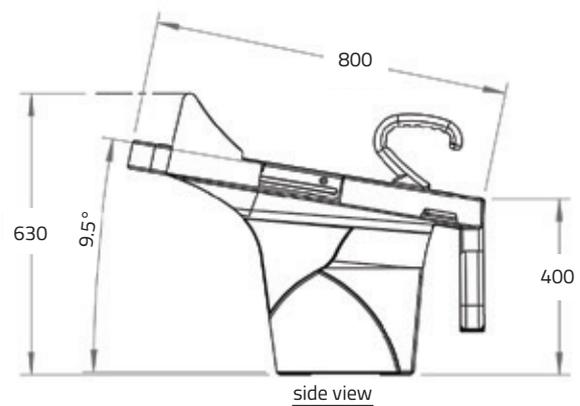
# Starting Platform Super Racer 800

This is a premium starting platform suitable for top performance training and competition venues.

The platform includes the FINA Approved Moveable Track Start and Safe Start Handles.



1. Glass-Reinforced plastic (GRP) construction with SS316 fittings.
2. Movable Track Start (MTS) adjustable to 5 positions.
  - Durable, non-slip Aquadeck® tread.
  - Safe Start handles for fast starts and safety.
  - Backstart handles reinforced with SS316 for safety and durability.
  - Compatible with major electronic timing systems (including Omega RBD).
  - 'No Dive' Covers available.



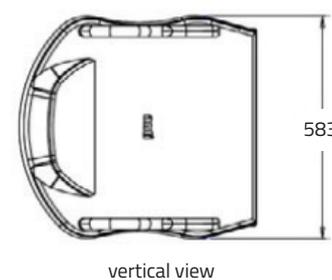
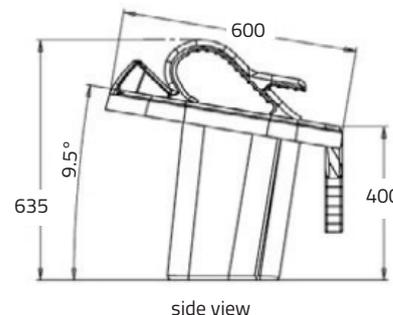
## Product Order Code

Code	Model	Product	Description	Weight	Volume
931166132	EOP017	SUPER RACER 800	GRP, 800mm Top	43kg	0.42m <sup>3</sup>
931166133	EOP018	PLATFORM COVER	NO DIVING	2kg	0.05m <sup>3</sup>

# Starting Platform Racer 600, Overflow Block Stand & Turn Board

## STARTING PLATFORM RACER 600

It is designed for the requirements of competition and training pools.



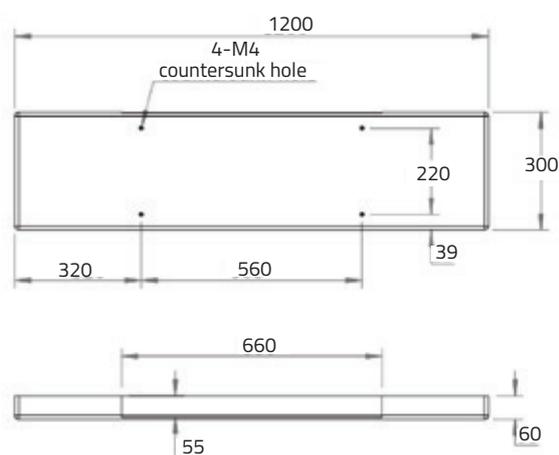
1. Glass-Reinforced plastic (GRP) construction with 316 SS fittings.
2. Compliant with FINA starting platform guide lines FR2.7.
3. Fixed Track Start and Safe Start handles for fast start times and safety.
4. Back start handle is reinforced with SS316.
5. Top features non-slip finish.

### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166135	EOP115	RACER 600	STARTING PLATFORM GRP, WHITE COLOR	19.5kg	0.27m <sup>3</sup>

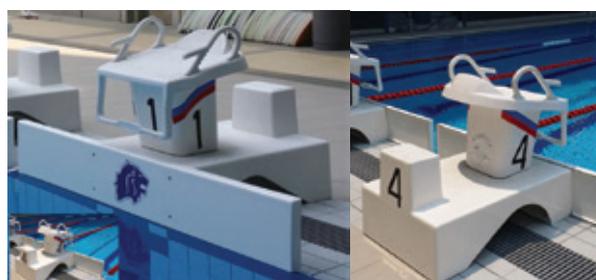
## OVERFLOW BLOCK STAND

The Overflow BlockStand provides a stable and durable platform for the installation of blocks in an overflow pool environment.



## TURN BOARD

Produced from FRP with SS316 fittings, the turn board provides positive confirmation of the pool end for the swimmer and attaches to the Overflow BlockStand with 4 x SS M4 Bolts.



### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166136	EOP020	OVERFLOW BLOCK STAND	GRP BLOCKSTAND	31kg	0.45m <sup>3</sup>
931166137	EOP021	TURN BOARD GRP	GRP 1.2m x 0.3m	10kg	0.10m <sup>3</sup>
931166138	EOP429	TURN BOARD GRP	GRP 2.0m x 0.3m	13kg	0.15m <sup>3</sup>

# Racing Lane

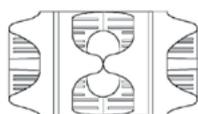
## Super Tensioner Design:

1. Meet FINA (2013–2017) requirements
2. Threaded rod allows safe and simple lengthening or shortening of lane ropes.
3. Stainless Steel rod with brass ferrule and glass filled polycarbonate body construction.
4. Cable is SS316 with diameter of 3.1mm and max force of 5KN.
5. Super tensioner body length including lock nut is 230mm.
6. All fittings are marine grade SS316.
7. Super Tensioner is tested up to 4kN line pressure, allowing high performance wave dissipation.



## Product Order Code

Code	Model	Product	Description	Weight	Volume
931166122	EOP001	25m Small	Racing Lane 110mm diameter	29kg	0.34m <sup>3</sup>
931166123	EOP002	25m Large	Racing Lane 150mm diameter	34kg	0.62m <sup>3</sup>
931166124	EOP003	50m Small	Racing Lane 110mm diameter	57kg	0.68m <sup>3</sup>
931166125	EOP004	50m Large	Racing Lane 150mm diameter	68kg	1.20m <sup>3</sup>
931166126	EOP005	Super Tensioner	Lane tensioner with Short Clamp set	0.06kg	0.001m <sup>3</sup>
931166127	EOP009	LONG Clamp	Supplied with SS Hook	0.1kg	0.001m <sup>3</sup>



Small LANE

Large LANE



EOP009

1. The small LANE 110mm is suitable for competition, water polo and general pool division.
2. The large LANE 150mm is designed for optimal water dissipation and wave control in high turbidity competitive environments (shown above), such as top National and International competition venues.

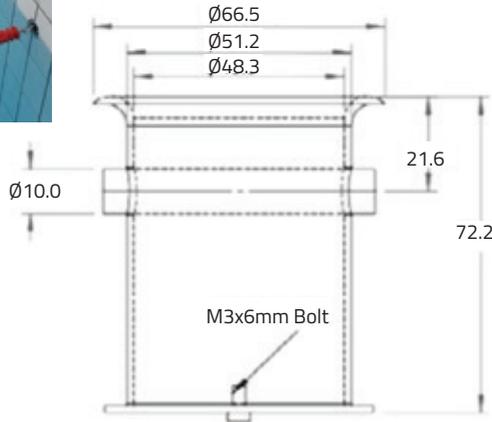


EOP005



# Lane Anchors, Deck Hole Anchors & Overflow Lane Anchors

## LANE ANCHORS



Lane Anchor S316

Unit in mm

Racing Lane Anchors provide secure flush anchoring to the pool for lane ropes and goal lines

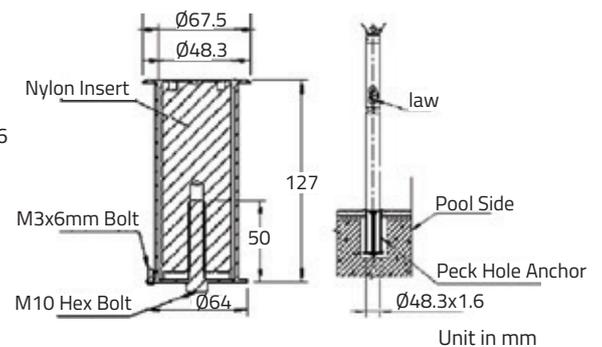
1. SS316 Lane Anchor with 38.1mm or 48.3mm diameter x 72.2mm length.
2. Optional Booker Rod may be used if required.
3. Feature flush fitting end cap

## DECK HOLE ANCHORS

1. Provides a flush and secure anchor for equipment.
2. Fabricated from either marine grade SS316 or Nylon.
3. SS316 Deck Hole available in 38.1mm x 100mm.
4. Marine Nylon Deck Anchor (not pictured) available in 48.3mm x 125mm only.



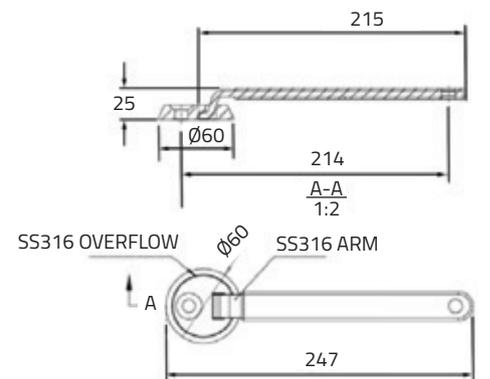
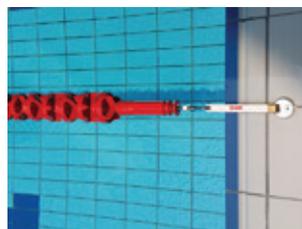
Deck Hole Anchor S316



Unit in mm

## OVERFLOW LANE ANCHORS

Overflow Lane Anchors provide secure anchoring of Lanes to the pool in overflow pools.



Unit in mm

### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166128	EOP030	LANE ANCHOR	SS316, 38.1mm or 48.3mm dia. x 72.2mm	0.3 kg	0.001m <sup>3</sup>
931166129	EOP031	DECK HOLE ANCHOR	SS316, 48.3mm x 125mm	0.54 kg	0.001m <sup>3</sup>
931166130	EOP121	OVERFLOW LANE ANCHOR	SS316, 215mm length	0.38 kg	0.001m <sup>3</sup>
931166131	EOP122	LANE ANCHOR HOOK	SS316 Hook, 200mm length	0.18 kg	0.001m <sup>3</sup>

# Lane Roller & Lane Saver

## LANE ROLLER

1. High capacity, unbeatable quality.
2. Powder Coated Aluminum construction.
3. Exceptional Capacity - holds up to 6 x 25m Small 110mm lanes or 4 x 25m Large 150mm.
4. Strong SS316 Castor Wheels with brake.



### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166142	EOP010	STOREEL	ALU Lane Storage Reel	48kg	0.47m <sup>3</sup>

## LANE SAVER

Lane Saver provides a safe and quick removal and installation of racing lanes and prevent pool edge damage.

1. Hooks over the pool edge to enable easy and safe removal of lanes.
2. Produced from reinforced Fiber-reinforced plastic (FRP).



### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166147	EOP013	LANE SAVER	GRP LANE REMOVAL	3.25kg	0.07m <sup>3</sup>

# Back Stroke, False Start Set & Lifeguard Chair

## BACK STROKE & FALSE START SET

Contains a complete set of poles, flags, lines and pool deck fittings, including:

1. 2 x SS316 False Start Poles.
2. 1 x False Start Flags and Rope
3. 2 x Deck Hole Anchors
4. Three sizes available - 21m, 25m and 50m.



### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166139	EOP039	FALSE START SET WITH ANCHOR & ROPE	SS316 Poles x 2, DH Anchors x 2	30kg	0.40m <sup>3</sup>
931166140	EOP032	BACKSTROKE SET w FLAGS	SS316 Poles x 2, DH Anchors x 2	54kg	0.65m <sup>3</sup>

## LIFEGUARD CHAIR

1. Sturdy Aluminum construction with white powder coating.
2. Nylon wheels allows the chair to be safely moved.
3. Rubber inserts protect the pool deck from scratches and ensures stable positioning.
4. Lifeguard chair has fittings for the mounting of a lifeguard buoy and Umbrella, both located just behind the seating location.
5. Height from ground to base of seat is 1895mm.
6. Base dimensions are 1200mm x 1200mm.
7. Total height to top of chair is 2000mm.



### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166141	EOP012	LIFEGUARD CHAIR	ALU LifeGuard Chair - 4 Step	51kg	1.24m <sup>3</sup>

# Block Platform & Grating

## BLOCK PLATFORM

It is designed to provide a safe and efficient means of managing competition and fitness swimming in an overflow or 'wet deck' pool environment.

1. Compliance FINA standard for competition and training events.
2. Enables the installation of starting blocks and timing equipment in over flow pool environment
3. Movable gratings on top and sides for quick and easy cleaning.
4. Support most popular timing Systems and touch pads.
5. Non-slip surface provides positive confirmation of the end of the pool to the swimmer as well as safe and speedy exiting of the pool.



### Product Order Code

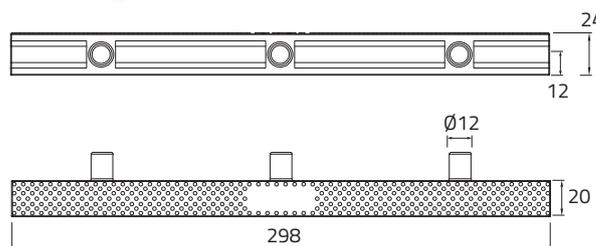
Code	Model	Product	Description	Weight	Volume
931166149	EOP023	FRP BLOCK PLATFORM	White FRP 2.5m x 0.7m x 0.3m	60kg	0.80m <sup>3</sup>
931166148	EOP024	HITECH BLOCK PLATFORM	White Extruded Plast 2.5m x 1m x 0.3m	100kg	1.00m <sup>3</sup>

## GRATING

Competition Pool Gratings connection joint by interlocking design that maximum strength and durability on the pool deck to provide better of comfort under the feet.

### Features:

1. Safe and non-toxic Polypropylene (PP) material with strong and durable interlocking connection joint between each grating.
2. Anti-Slip's slip resistance grade is equivalent to DIN 51097 testing criteria, Category B.
3. UV resistant and color consistent.
4. Easy maintenance and cleaning
5. Available in 250mm, 300mm, and 350mm width



Unit in mm

### Product Order Code

Code	Model	Product	Description	Weight	Volume
931166144	EOP026	TRANSGRATE PP	250mm Width Grating	3kg	0.01m <sup>3</sup>
931166145	EOP027	TRANSGRATE PP	300mm Width Grating	4.7kg	0.01m <sup>3</sup>
931166146	EOP028	TRANSGRATE PP	350mm Width Grating	5.5kg	0.01m <sup>3</sup>





# ***USEFUL INFORMATION***

# UNIT CONVERSION TABLE

Length	Inch (in)	Foot (ft)	Meter (m)
Inch (in)	1	0.083	0.025
Foot (ft)	12	1	0.305
Meter (m)	39.37	3.281	1

Area	Square inch (in <sup>2</sup> )	Square foot (ft <sup>2</sup> )	Square meter (m <sup>2</sup> )	Square centimeter (cm <sup>2</sup> )
Square inch (in <sup>2</sup> )	1	0.0069	0.000645	6.45
Square foot (ft <sup>2</sup> )	144.036	1	0.093	929.03
Square meter (m <sup>2</sup> )	1150.388	10.764	1	10
Square centimeter (cm <sup>2</sup> )	0.155	0.00107	0.0001	1

Capacity / Volume	Square inch (in <sup>2</sup> )	U.S. gallon (US gal)	Cubic meter (m <sup>3</sup> )	Liter (l)
Imperial gallon (UK gal)	1	1.201	0.0045	6.45
U.S. gallon (US gal)	0.833	1	00.0038	929.03
Cubic meter (m <sup>3</sup> )	264.172	219.969	1	10
Liter (l)	0.22	0.264	0.001	1

Mass / Weight	Pound (lb)	Kilogram (kg)	Gram (g)
Pound (lb)	1	0.454	453.59
Kilogram (kg)	2.205	1	1000
Gram (g)	0.0022	0.001	1

Pressure	Pounds per square inch (psi)	Bar (bar)	Pascal (pa)	KG per square cm (kg/cm <sup>2</sup> )
Pounds per square inch (psi)	1	0.0689	6894.76	0.07
Bar (bar)	14.504	1	100000	1.019
Pascal (pa)	0.00014	0.00001	1	0.0001
KG per square cm (kg/cm <sup>2</sup> )	14.228	0.981	98100	1

Power	British Thermal Unit/hour (BTU/h)	Horsepower (HP)	Kilowatt (kW)
British Thermal Unit/hour (BTU/h)	1	0.00039	0.00029
Horsepower (HP)	2544.43	1	0.746
Kilowatt (kW)	3412.14	1.341	1

Velocity	Inch / second (in/s)	Foot / second (ft/s)	Meter / second (m/s)	Meter / hour (m/h)
Inch/second (in/s)	1	0.083	0.025	91.44
Foot/second (ft/s)	12	1	0.305	1097.28
Meter/second (m/s)	39.37	3.281	1	3600
Meter/hour (m/h)	0.011	0.00091	0.00028	1

Flow	US gallon / minute (US gal/min)	UK gallon / minute (UK gal/min)	Cubic meters / hour (m <sup>3</sup> /h)	Liters / second (l/s)
US gallon/minute (US gal/min)	1	1.201	0.273	0.076
UK gallon/minute (UK gal/min)	0.833	1	0.227	0.063
Cubic meters/hour (m <sup>3</sup> /h)	3.667	4.403	1	0.278
Liters/second (l/s)	13.198	15.85	3.6	1

Temperature	Degree Celsius (°C)	Fahrenheit (°F)
Degree Celsius (°C)	1	32+[(9/5)x°C]
Fahrenheit (°F)	(5/9) x (°F-32)	1



## EMAUX WATER TECHNOLOGY CO., LTD

 2/F, LOCKHART CENTRE, NO. 301-307 LOCKHART ROAD,  
WANCHAI, HONG KONG

 [emaux@emaux.com.hk](mailto:emaux@emaux.com.hk)  <https://www.emauxgroup.com>

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
©2026 EMAUX WATER TECHNOLOGY CO., LTD. ALL RIGHTS RESERVED.

### WELLNESS LIVING



Websites and Social Media