POOLSTYLE INVERTER SPECS

R32

Model	PSL-150-0203	PSL-150-0204	PSL-150-0205	PSL-150-0206	PSL-150-0207	PSL-150-0208	PSL-150-0209
Advised pool volume (m3)	14~28	20~35	20~40	30~55	35~70	45~85	55~100
Operating air temperature (℃)	0~43						
Performance Condition: Air 26℃, Water 26℃, Humidity 80%							
Heating capacity (kW)	6.0	8.0	9.5	12.5	16.5	20.0	25.0
COP	9.5~5.9	9.1~5.6	9.5~5.7	10.5~5.9	10.0~5.7	10.6~5.6	10.2~5.8
COP at 50% capacity	8.5	8.0	8.3	9.2	8.8	8.9	8.8
Performance Condition: Air 15℃, Water 26℃, Humidity 70%							
Heating capacity (kW)	4.3	6.0	7.0	9.0	11.5	14.0	17.0
COP	5.9~4.4	5.9~4.1	6.0~4.3	5.9~4.2	6.0~4.2	6.0~4.1	6.0~4.3
COP at 50% capacity	5.8	5.9	5.6	5.8	6.0	5.8	5.8
Sound pressure at 1m dB(A)	38.8~50.2	40.8~51.1	40.6~52.5	42.9~53.0	45.2~56.3	45.3~57.1	45.8~57.8
Sound pressure of 50% capacity at 1m dB(A)	42.8	43.9	45.8	48.5	48.7	49.6	50.1
Sound pressure at 10m dB(A)	18.8~30.2	20.8~31.1	20.6~32.5	22.9~33.0	25.2~36.3	25.3~37.1	25.8~37.8
Heat exchanger	Spiral titanium tube in PVC						
Casing	ABS casing						
Rated input power at air 15℃ (kW)	0.29~1.0	0.34~1.4	0.35~1.6	0.36~2.1	0.57~2.7	0.62~3.4	0.70~3.95
Rated input current at air 15℃ (A)	1.26~4.2	1.48~6.0	1.52~7.0	1.57~8.7	2.48~11.7	2.7~15.0	3.04~17.1
Power supply	230V/1 Ph/50Hz						
Advised water flux (m³/h)	2~4	2~4	3~4	4~6	6~8	8~10	10~12
Water pipe in-out size (mm)	48						
Net Dimension LxWxH (mm)	872×349×654	872×349×654	872×349×654	872×349×654	962×349×654	962×349×754	1092×420×958
Net weight (kg)	42	46	47	49	60	68	90

* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;
* Above data is subject to modification without further notice.

CE

POOLSTYLE INVERTER

The Most Economical Pool Heat Pump

2020

WIFI

UP TO **40°C**

What is Poolstyle Inverter ?

Poolstyle Inverter is powered by inverter compressor, it can adjust heating capacity from 20% to 100% intelligently according to different heating demands.

When season starts and heating demand is high, the Poolstyle Inverter runs at 100% compressor & fan speed for fast heating.

When maintaining the pool temperature, the Poolstyle Inverter runs at low speed for energy saving with higher COP.

## 1 AVERAGE COP 9 (Air 26℃ / Water 26℃ / Humidity 80%)

Poolstyle Inverter AVERAGE COP is 9 at Air 26°C/ Water 26°C/ Humidity 80%, which means 1kW electricity consumption can provide up to 9kW heat in return. While On/Off HP can only provide 5kW heat as its COP is just around 5.

Capacity	COP	Model	PSL-150-0203	PSL-150-0204	PSL-150-0205	PSL-150-0206	PSL-150-0207	PSL-150-0208	PSL-150-0209
	20% capacity		9.5	9.1	9.5	10.5	10	10.6	10.2
AVERAGE	50% capacity		8.5	8.0	8.3	9.2	8.8	8.9	8.8
	100% capacity		5.9	5.6	5.7	5.9	5.7	5.6	5.8

Poolstyle Inverter vs On/Off HP (in 180 days pool season)

COP

9.0 — AVERAGE COP ▶ ······ Poolstyle Inverter

5.7
5.0 ······ On/Off HP

5 6 7 8 9 10 ⋯ 180 Days
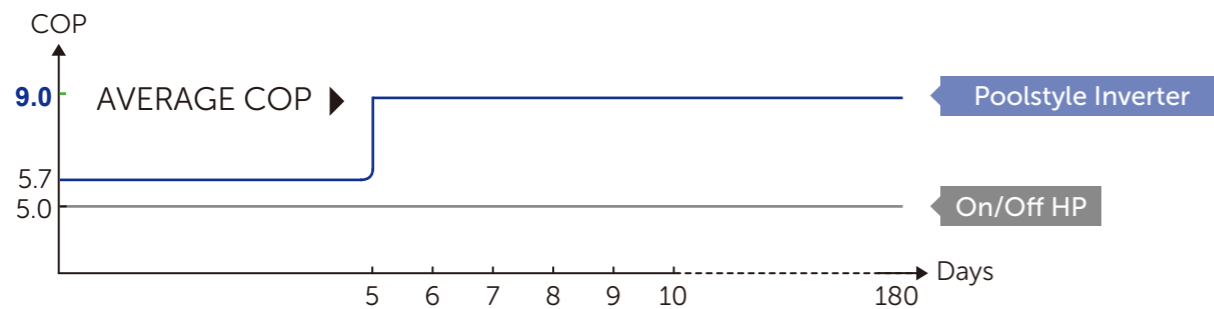
◆ AVERAGE power consumption (in 180 days pool season)
(e.g. 12.5kW at Air 26°C/ Water 26°C/ Humidity 80%)

Power consumption (kW)

2.5 ······ On/Off HP 12.5 kW
2.0

0.7 ······ 0.7 Poolstyle Inverter HP 12.5kW
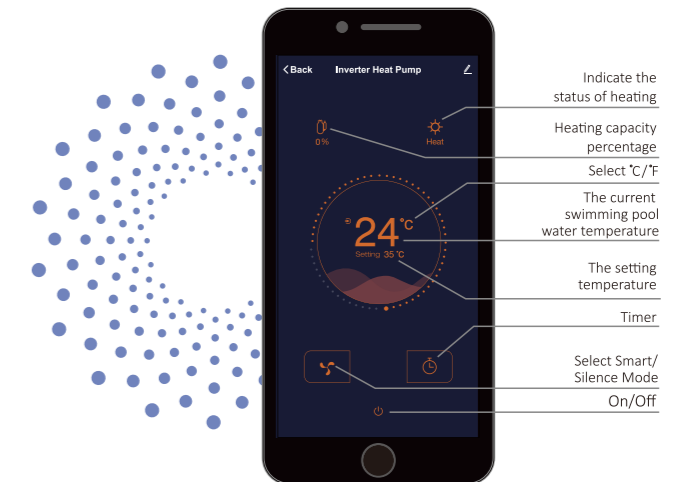
5 6 7 8 9 10 ⋯ 180 Days
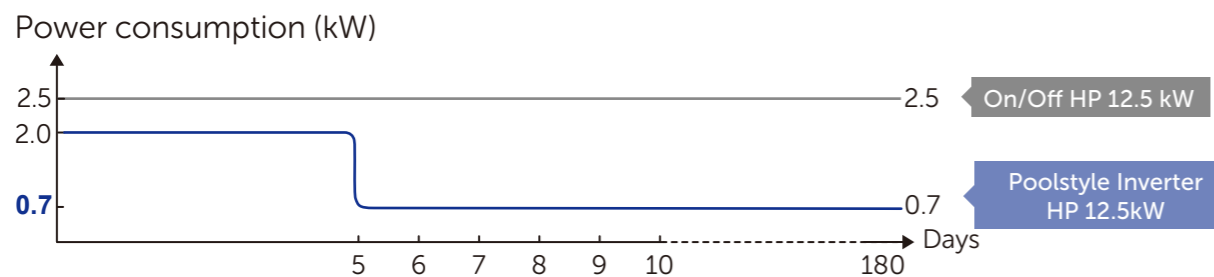
2 7 Times Quieter

Thanks to quiet DC inverter compressor, low-speed running philosophy of compressor & fan motor, Poolstyle Inverter can offer you super quiet operation by 7dB(A) lower sound pressure at AVERAGE 50% capacity.

🍃 Falling leaves　👥 Whisper　🗄 Fridge　👥 Normal conversation　🔧 Hair dryer

🔊 Sound lab — 10 — 20 — 30 — 40 — 50 — 60 — 70 — dB(A)
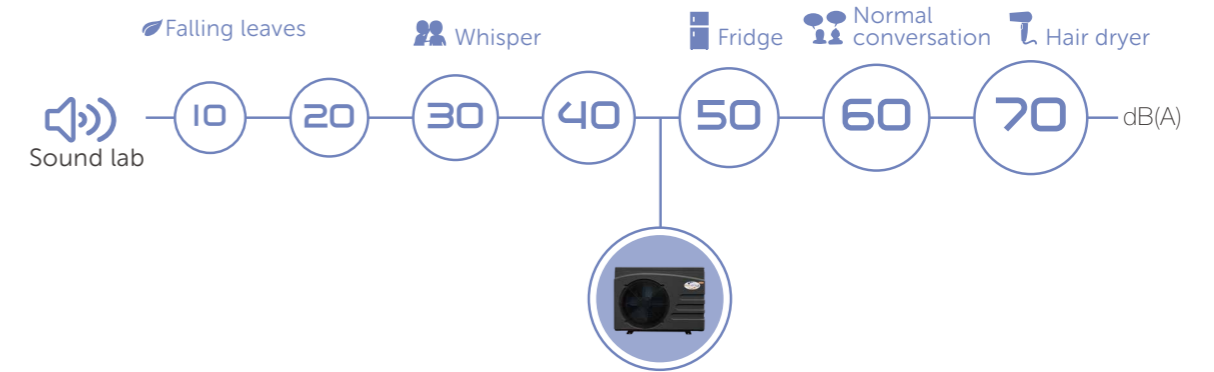
3 WIFI Optional

1. Real-time monitoring
2. Control anytime anywhere

- Indicate the status of heating
- Heating capacity percentage
- Select ℃/℉
- The current swimming pool water temperature
- The setting temperature
- Timer
- Select Smart/ Silence Mode
- On/Off

4 Other Advantages

General heat exchanger

Spiral titanium heat exchanger
Enlarge 30% heat exchanging surface

Enable COP 20% higher than On/Off HP in the market

HP-BOOSTER technology

Fast defrosting

Saginomiya 4-way valve