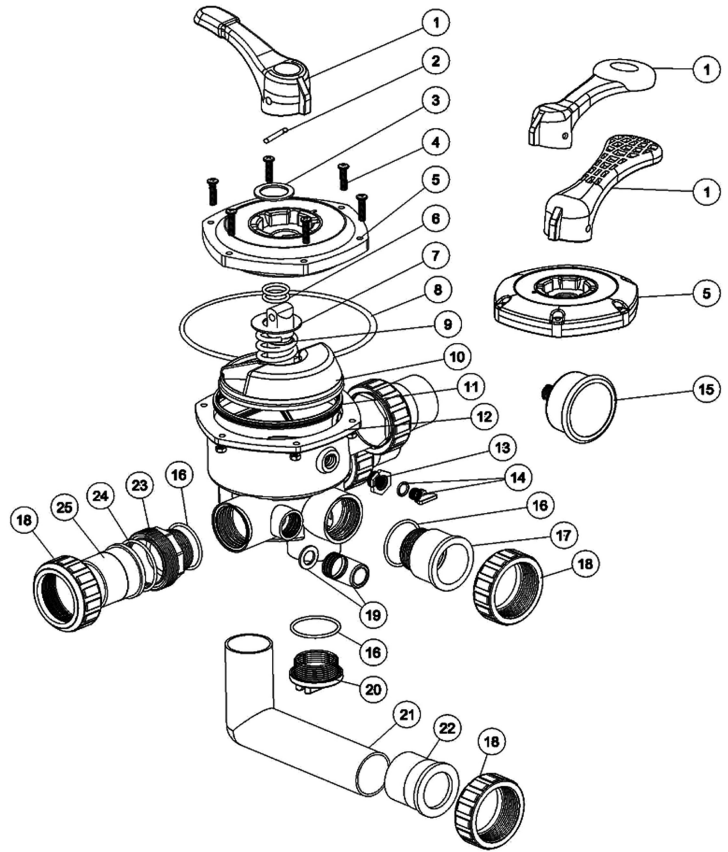


# 1.5" Side Mount Valve

Key No.	Part No.	Description	Qty
1	01013002	Handle (Small)	1
1	01013003	Handle (Big)	1
1	01013001	Handle (Meshy)	1
2	03018008	Pin for Handle	1
3	01181001	Washer for Handle	1
4	89281203	M6 x 25 Screw with Nut for Camber Lid	6
4	89280107	M6 x 30 Screw with Nut for Standard Lid	6
5	01013154	Standard Lid (Black)	1
5	01050121	Standard Lid (White)	1
5	01013005	Camber Lid (Black)	1
5	01051015	Camber Lid (White)	1
6	02011022	O-Ring for Valve Rotor	2
7	01181002	Washer for Spring	1
8	02011002	O-Ring for 1.5" Valve Lid	1
9	03014001	Spring	1
10	01021001	1.5" Valve Rotor	1
11	02311002	Spider Gasket	1
12	01051021	Bottom Body (White)	1
12	01013009	Bottom Body (Black)	1
13	89280119	Drain Plug Fitting	1
14	89021307	Drain Plug with O-ring	1
15	06011029	Oil Pressure Gauge with O-ring	1
15	06021013	Plastic Pressure Gauge with O-ring	1
16	02020013	O-Ring	5
17	01013018	1.5" Union Tale (Black)	1
17	01051022	1.5" Union Tale (White)	1
18	01051014	1.5" Union Nut (White)	5
18	01013017	1.5" Union Nut (Black)	5
19	89280104	Sight Glass with O-Ring	1
20	01051023	1.5" Plug(White)	1
20	01013100	1.5" Plug (Black)	1
21	01051194	1.5" Elbow Tube (White) 175mm	1
21	01013117	1.5" Elbow Tube (Black) 175mm	1
21	01051193	1.5" Elbow Tube (White) 120mm	1
21	01013116	1.5" Elbow Tube (Black) 120mm	1
22	01171002	1.5" Union Adaptor (Metric)	1
23	01013015	1.5" Connector (Black)	3
23	01051013	1.5" Connector with External Thread (White)	3
24	02011003	O-Ring for 1.5" adaptor	3
25	01171153	1.5"Union (A/E)	3



## WARNING



TURN PUMP OFF BEFORE CHANGING VALVE POSITION.



THIS FILTER OPERATES UNDER HIGH PRESSURE. WHEN ANY PART OF THE CIRCULATING SYSTEM (e.g., CLAMP, PUMP, FILTER, VALVES, ETC.) IS SERVICED, AIR CAN ENTER THE SYSTEM AND BECOME PRESSURIZED . PRESSURIZED AIR CAN CAUSE THE LID OR VALVE TO BE BLOWN OFF WHICH CAN RESULT IN SEVERE INJURY, DEATH, OR PROPERTY DAMAGE



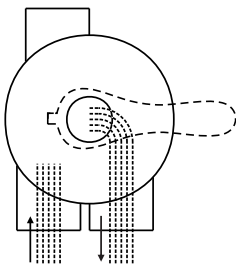
TO PREVENT DAMAGE TO THE PUMP AND FOR PROPER OPERATION OF THE SYSTEM, CLEAN PUMP STRAINER AND SKIMMER BASKETS REGULARLY.

## FUNCTIONS OF VALVE POSITIONS

Valve Position	Function
FILTER	Normal Filtration
BACKWASH	Cleaning Filter by reversing the flow
RINSE	Used after backwash to flush dirt from valve
WASTE	By-passes filter, used for vacuuming to waste or lowering water level
RECIRCULATE	By-passes filter for circulating water to pool
CLOSED	Shuts off all flow to filter or pool

### FILTER

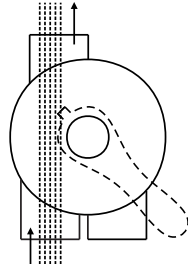
WASTE



IN FLOW    OUT FLOW

### WASTE

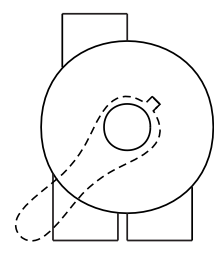
WASTE



IN FLOW    OUT FLOW

### CLOSED

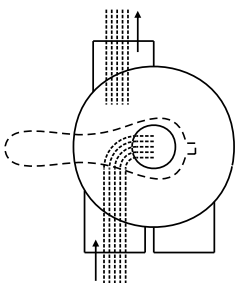
WASTE



IN FLOW    OUT FLOW

### BACKWASH

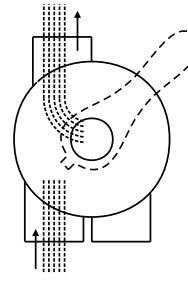
WASTE



IN FLOW    OUT FLOW

### RINSE

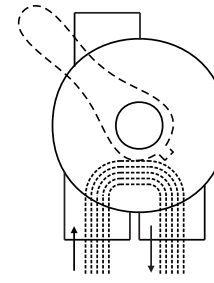
WASTE



IN FLOW    OUT FLOW

### RECIRCULATE

WASTE



IN FLOW    OUT FLOW

### **GENERAL**

- 1) Pipe tap boss provided for optional influent pressure gauge.
- 2) SERVICING VALVE( Stop pump,close gate valve in suction&discharge before proceeding):
  - a) Set handle in filter position.
  - b) Remove cover screws.
  - c) Lift cover and key assembly out.

### **TO ASSEMBLE:**

- d) Place valve key so that wedge opening is at TOP port (handle in Filter psn.). Flat edge of cover screw lug should align with flat edge of body screw lug.
- e) Position cover O'Ring.
- f) Secure assembly to body with cover screws. Tighten cover screws evenly and alternately. Do not over-tighten.