Emaux

water technology

FUNCTIONS OF VALVE POSITIONS

| Valve Postion | 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 |



GENERAL

- 1) Pipe tap boss provided for optional influent pressure gauge.
- 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:

- 1) 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.
- 2) Position cover O'Ring.
- 3) Secure assembly to body with cover screws. Tighten cover screws evenly and alternately. Do not over-tighten.

— WARNING —

- ↑ 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. DO NOT UNSCREW SCREWS OF FLANGE CLAMP WHILE FILTER OPERATING.
- Δ TURN PUMP OFF BEFORE CHANGING VALVE POSITION.
- TO PREVENT DAMAGE TO THE PUMP AND FOR PROPER OPERATION OF THE SYSTEM, CLEAN PUMP STRAINER AND SKIMMER BASKETS REGULARLY.
- \bigtriangleup under low temperature shut off condition, it is strongly recommend to turn to winterise. POSITION AND DISCHARGE ALL THE WATER INSIDE FILTER THROUGH THE BOTTOM DRAIN.









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| Part No. | Description | Qty |
|-----------|--|-----|
| 01013003 | Handle (Big) | 1 |
| 03018008 | Pin for Handle | 1 |
| 01181001 | Washer for Handle | 1 |
| 01013156 | Squareness Lid (Black) | 1 |
| E190143 | M6 x 30 Screw with Nut | 10 |
| 89280120 | Drain Plug Fitting with O-ring | 1 |
| 89021307 | Drain Plug with O-Ring | 1 |
| 06011032 | Oil Pressure Gauge with O-ring (40psi) | 1 |
| 02020016 | O-Ring for Connector | 8 |
| 01013031 | 2.0" Connector (Black) | 3 |
| 01171154 | 2.0" Union (A/E) | 3 |
| 01013032 | 2.0" Union Nut (Black) | 3 |
| 02011009 | O-Ring for 2.0" valve Lid | 1 |
| 01181002 | Washer for Spring | 1 |
| 02011022 | O-Ring for Valve Rotor | 2 |
| 03014014 | Spring for Valve | 1 |
| 01021002 | 2.0" Valve Rotor | 1 |
| 02311003 | Spider Gasket | 1 |
| 01013026 | Bottom Body (Black) | 1 |
| 89280104 | Sight Glass with O-Ring | 1 |
| 02020018 | O-Ring for Union Tale | 1 |
| 01013099 | 2.0" Union Tale (Black) | 1 |
| 01013034 | 2.0" Union Nut (Black) | 2 |
| 02020017 | O-Ring for Plug | 1 |
| 01013101 | 2.0" Side Mount Valve Plug (Black) | 2 |
| 01013148 | 2.0" Elbow Tube 130mm (Black) | 1 |
| 01171035 | 2.0" Union Adaptor (Metric) | 1 |
| 919301017 | MPV04 Upper part | 1 |

| 40108008 | GAC Exhuaust Switch | 1 |
|------------|--|----|
| 117043349 | Oil Pressure Gauge (40 psi) | 1 |
| E015708 | GAC M8 nut with gasket | 12 |
| 1011910508 | Cover D412X30mm | 1 |
| 111000064 | O-Ring for Cover D325X8 | 1 |
| E0115705 | GAC500 Fiter Tank | 1 |
| E0115706 | GAC600 Fiter Tank | 1 |
| E0115707 | GAC750 Fiter Tank | 1 |
| E0115708 | GAC900 Fiter Tank | 1 |
| E015701 | GAC500 of the Inner Tank System | 1 |
| E015702 | GAC600 of the Inner Tank System | 1 |
| E015703 | GAC750 of the Inner Tank System | 1 |
| E015704 | GAC900 of the Inner Tank System | 1 |
| E011605 | 1.5" Connector Sets (GAC500/GAC600) | 2 |
| E011610 | 2" Connector Sets (GAC750/GAC900) | 2 |
| 111142575 | O-Ring D57.4Xd50.8X3.3 (GAC500/GAC600) | 2 |
| 111040008 | O-Ring D70Xd60X6 (GAC750/GAC900) | 2 |
| 91901549 | 1.5" Side Mount Valve (GAC500/GAC600) | 1 |
| 91902549 | 2" Side Mount Valve (GAC750/GAC900) | 1 |
| E010406 | Water Drain Set | 1 |
| 4107210652 | Laterals 115mm (GAC500) | 8 |
| 4107210654 | Laterals 126mm (GAC600) | 8 |
| 4107210657 | Laterals 185mm (GAC750) | 8 |
| 4107210676 | Laterals 233mm (GAC900) | 8 |