

## Scope of delivery Seawater R.O. AQUATEC

The scope of delivery contains all materials for installation and operation of the plant. Only thru-hull fittings and seawater intake valve as well as connection cables have to be made available on-board

### Overview of all components

- High-pressure pump with electric motor 12/24/115/230/400/440V 50/60 Hz.  
Pump head in Duplex-stainless steel 1.4462.
- Feed pump voltage and frequency same as HP pump.
- 1 or up to 4 GRP membrane housing incl. membrane-element.
- 1 Filter housing and fastener, 1 charcoal filter-cartridge for fresh water flushing.
- DD/DC plants: 1 filter housing and fastener, 1 piece 5 Micron filter-cartridge.
- AC plants: 2 filter housing, 1 pc. 20 and 1 pc. 5 Micron filter-cartridge, low pressure gauge.
- 2 pcs. ball valves.
- 1 pc. three-way ball valve.
- Control panel assembled, three-way valve, Stainless steel high-pressure gauge, duplex-stainless steel pressure control valve., flowmeter, switches for LP and High-pressure pump
- 4 m high-pressure hose with 2 pieces mounted V4A screw connections.
- 2 pcs. stainless steel (V4A) high-pressure fittings for self installation.
- 6 m PVC-reinforced hose for intake and discharge line.
- All needed plastic fittings and stainless-steel hose clamps.
- 6 m PE-tube 3/8" for fresh water including all connection fittings.
- 10 liter tank for preservation and cleaning.
- Biocide (200 grams) for membrane preservation.
- AC plants: junction box including motor protection switch.
- DC plants: magnetic relay for control high pressure pump, high current fuseholder and fuse.
- coarse filter for seawater intake.
- Detailed manual in German or English.

### **Option 1: Cruisingkit for AC plants.**

4 filter-cartridges 5 and 20 micron each, 2 filter- cartridges charcoal.

Detergents Acid, Alkaline, Biocide (500, 400, 600 grams) for preservation replaced small tins above.

1 set low- and high-pressure gasket for hp pump, 1 set of hp pump valves with 6 valves.

O-ring spare part kit for hp pump and membrane.

This option eliminates the smaller amount of biocides included in the standard delivery.

### **Option 2: Cruisingkit for DD plants.**

4 filter-cartridges 5-micron, 2 filter- cartridges charcoal.

Detergents Acid, Alkaline, Biocide (500, 400, 600 grams) for preservation replaced small tins above.

1 set low- and high-pressure gasket for hp pump, 1 set of hp pump valves with 6 valves.

O-ring spare part kit for hp pump and membrane.

This option eliminates the smaller amount of biocides included in the standard delivery.

### **Option 3: Low pressure gauge for pre-filter (DD plants). Already included in AC plants.**