

The Diver Hot Water Supply consists of an electric water heater, and a submersible water supply pump.

The Diver Hot water Supply is designed to supply hot water diving suits. The components used in the heating system are all seawater resistant. The heater has one cold water inlet, that connects to the pump. The inlet has a by-pass valve, which is used to adjust the water flow through the unit. There are three hot water outlets to connect the divers' hot water suit supply hoses.

The heater control panel has three displays, monitoring the pump pressure, water flow and water temperature. The heater has five heating element groups, one of these is automatically controlled by the temperature display. In case this group has insufficient power to reach the desired outlet temperature, the other four heating element groups can be switched on manually.

The heater has 3 sockets to connect:

- Power supply to pump
- Safety switch pump
- External display(s)



Submersible Water Pump 3.80.1226

The submersible water supply pump unit is a submersible pump, built into a rigid frame. The inlet is protected by an inlet filter.

The water return from the heater unit is connected to the inside of the inlet filter. This means the already filtered water is recycled, avoiding unnecessary contamination of the filter.

The pump unit also has a safety switch. When the pump is not properly submerged, it will be switched off to avoid damage



Specifications:

Heater 3.80.1222

Electric Power Supply:	3x400V, 50Hz, 150A
Power Consumption:	90 kW
Insulation Class:	IP65
Water flow:	15-35 l/min
Pump pressure:	15-30 bar
Weight:	225 kg
Dimensions: (HxBxD)	1100x740x690 mm

Submersible water pump 3.80.1226

Dimensions:	Ø 200 x H 2800 mm
Weight:	80 kg
Electric Power Supply:	3x400V, 50Hz, 15A
Power Consumption:	5,5 kW
Insulation Class:	IP69



The Diver Hot Water Supply complies with:

- IMCA D023, section 8
- 98/37/EG (Machinery Directive)

