

PWU 200-2, Potable Water Unit

Description:

An all in one solution designed to supply fresh water to divers living in hyperbaric chambers. The water is supplied at 5 bar above diving depth pressure through either one of the unit's two automatic triplex pumps. The unit features a 10" 20 micron filter that filters out solid particles from the incoming water and two 72 litre geysers, each with a 6kW heating element that enables the supply of hot water to the occupants of the hyperbaric chambers. The automatic pumps fitted to the unit are controlled by means of variable frequency drives using pressure transducers on the delivery lines and a digital controller.

Features:

- Fitted with mechanical over temperature cut-out switch as a safety mechanism
- Automatic pumps controlled

by means of variable frequency drives using pressure transducers and a digital controller

- Two 72 litre geysers
- Includes an accumulator that removes the pulsation of the triplex pump
- Includes a 10" 20 micron filter

Specifications

Length: 1050mm
 Height: 1394mm
 Width: 755mm
 Weight (approx.): 440 kg
 Power requirements: 15 kW, 440V, 60 Hz, 3 Phase, 35A
 Water delivery rate per pump: 11 lpm (±5%) @ 40 Bar
 Hot water set point: 60°C
 Typical outlet temp. range: 55°C
 Geyser Volume: 72l per geyser
 Fresh water inlet required: 25lmp @ 3.5-7bar
 Inlet Connection: 12 JIC
 Outlet (Hot Water): 8JIC
 Outlet (Cold Water): 8JIC
 Outlet (Dump): 12JIC



Order Detail:

Potable Water Unit PWU 200-2 (Single) - the Unit Consists of 1	D-EC-085
Spares for Potable Water Unit	D-EC-085-01