

Kinergetics Water Heater Electric (WHE-03)



Specification

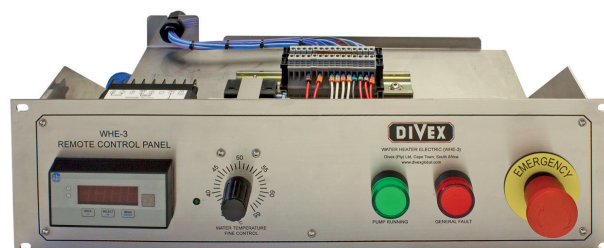
Shipping weight	580kg
Dry weight	460kg
Power requirements	440 VAC, 3-phase, 60Hz, 150-190kW, 210-250A
Input fluid	Fresh water or seawater
Input pressure	3.4 to 10 bar
Input flow	45 litres / min minimum
Output pressure	Up to 68 bar
Output flow	Up to 45 litres / min
Temperature rise control change	0 to 50°C (0 to 90°F)
Temperature control	± 1°C (± 2°F)

Introduction

The Divex Electric Powered Water Heating Module, (WHE-03), has been designed and manufactured for use in professional diving systems. The system will heat and maintain control of the heated seawater within a temperature rise range of 0 to 50°C (0 to 90°F). The system incorporates a positive displacement pump, electric heaters and all electrical controls necessary to provide a complete water heating system for deep diving.

The WHE-03 assembly is comprised of a motor, pump, heater tank, pipework and a control panel. These components are mounted into a robust stainless steel frame. The system requires a constant supply of seawater and runs from a 440V, 3-Phase, 60 Hz power supply (380VAC available). The output is heated seawater at pressures up to 68 bar and 45 litres/min.

The temperature control system of the WHE-03 has been designed to be simple and effective. The unit heats water in the heater tank using five banks of heater elements. These heater banks are controlled with five switches, mounted on the electrical enclosure. The banks of heaters are configured to deliver a variety of heating capacities. The combination of banks selected is determined by the relative temperature rise required. A remote control panel is available as an option.



Order Codes

Kinergetics Water Heater Electric Powered (WHE-03) 45LPM
KI40018AA

Kinergetics Water Heater Electric Powered (WHE-03) 380V
KI40018AB

Kinergetics Water Heater Electric Powered (WHE-03) c/w Remote Panel 440VAC
KI40018AC

Kinergetics Water Heater Electric Powered (WHE-03) Spares Kit
KI40018200