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## Kinergetics Mini Electric Water Heater (MHE-02)

The Kinergetics Mini Electric Water Heater or (MHE-02) is a smaller version of the popular WHE-3 and ideal for diver heating in smaller diving systems as well as for providing secondary water heating facilities in larger systems.

The MHE-02 offers a high capacity heating solution in a robust and stackable stainless steel frame with a small footprint that makes effective use of available deck space.

Three banks of individually switched heater elements warm the supply water up to 42°C (74°F) above the ambient or supply temperature and by selecting a suitable bank or combination of banks, basic water temperature control is achieved. The fine control of the output water temperature is accurately maintained to within  $\pm 1^\circ\text{C}$  of the required set point by an actuated valve linked to an electronic controller.

The unit features a positive displacement pump with a minimum delivery of 30 litres per minute at pressures that are adjustable up to 68 bar. Two 50 micron water filters are provided to ensure continuous and trouble free pump operation. Reliable analogue temperature and pressure gauges are fitted to the supply and delivery manifolds for easy performance monitoring.

The MHE-02 is provided with a 12 month/3000 hour standard warranty.

### Recommended Usage

- Air and mixing gas diver suit heating
- Bell diving system heating
- Backup or redundant diver heating system
- Backup or redundant bell heating system
- Backup or redundant chamber heating system



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## Specification

<b>Inputs</b>	
Power Requirement (440V option)	440V, 60Hz, 130A 3-Phase
Power Requirement (380V option)	380V, 50Hz, 145A 3-Phase
Main Fluid Requirement	Sea Water @ >1 bar, >30 ltr/min
Alternate Flushing Fluid Supply	Fresh Water @ >1 bar, >30 ltr/min
<b>Outputs</b>	
Fluid Temperature Heating Range	0°C - 42°C (above supply temperature)
Fluid Delivery Temperature Set-Point Accuracy	±1°C
Fluid Delivery Rate	30 ltr/min
<b>Specification</b>	
Safe Working Load (dry)	315 kg
Electrical Heating Capacity	94.5 kW
<b>Dimensions</b>	
Length	915 mm
Width	915 mm
Height	864 mm
Weight (approx)	205 kgs

(Specifications are subject to change without prior notice).

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**Kinergetics Mini Electric Water Heater 440V**

Order Code KI40026AA

**Kinergetics Mini Electric Water Heater 380V**

Order Code KI40026AB