

## XL MSX Cylinders

### Fitting the element(s)

The electrical connection must be carried out by a qualified person in accordance with NZ Electrical Regulations. The water heater must have the heating element connected to an independent, fused, 230-240 VAC 50 Hz power supply with an isolating switch installed at the switch board. Disconnect all power prior to installation and commissioning.



Rinnai recommends a maximum thermostat temperature of 65 °C to avoid nuisance tripping of the over-temperature safety devices.

1. Fit the 2" BSP brass MF extension into the middle port(s). Hemp and graphite is recommended. The element will not fit into the upper or lower ports.
2. Fit the element to the MF extension using hemp and graphite.
3. When tightened the label, screw, and high voltage must be facing upwards. This ensures that the element vents (as pictured) are on the bottom.



DO NOT ENERGISE THE ELEMENT UNTIL THE CYLINDER IS FILLED WITH WATER.

4. Data labels for all cylinder sizes are included in each element kit. Select the relevant data label for the cylinder size, element size, and number of elements and place above the element(s) in the position shown below.
5. Place the TPR valve label in the position shown below.

**TPR VALVE**

A temperature & pressure relief valve is to be fitted in the installation.

**WARNING:**  
The valve or drain valve outlet pipe must not be sealed or blocked.

**TPR ratings: 1000kPa 99°C 132kW**

Rinnai 500L Electric Storage Water Heater	
Model	MSX05000860115
Serial Number	
Date of Manufacture	
Electrical Power Supply	230V - 240V, 50Hz
Heating Element(s) Power Input (kW)	1.5 - 1.7
Number of Heating Elements	1
Storage Water Capacity (Litre)	500
Maximum Working Pressure (kPa)	1000
TPR Valve Pressure Rating (kPa)	1000
TPR Valve Power Rating (kW)	132
Maximum Thermostat Setting (°C)	73
Ingress Protection (IP) Rating	IPX1
Made in UK for, and to the specification of Rinnai NZ Ltd.	
P/N: 15144	

1.5kW

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### Wiring diagram

