

# 2500<sup>+</sup> INDIRECT

## TECHNICAL SPECIFICATION SHEET

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This is a quick reference specification sheet, full details can be found in the 2500 Indirect installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

### MODEL: 2500 INDIRECT

Storage Volume (litres)	2500
Continuous perfo. at 45° (ltr/hr)	2415
1 <sup>st</sup> hour perfo. at 45° (ltr/hr)	4915
Water delivered at 40° (ltrs)	2482
Standing Loss / Day (kWh/24hr)	4.50

### ERP DATA - DATA INFORMATION

Storage Volume (trs)	N/A
The water heating energy class	N/A
standing Loss (W)	N/A

### CONNECTIONS - HYDRAULIC

Inlet (BSP)	1 1/2"
Outlet (BSP)	1 1/2"
Sensor pocket	1/2"
Primary flow & Return (BSP)	1 1/2"
Secondary Return (BSP)	1"

### CONNECTIONS - ELECTRICAL

Upper immersion heater	6 - 54kW (1 - 3ph)
Lower Immersion heater	N/A

### CONTROLS/OPTIONS

STANDARD -	OPTIONS -
<ul style="list-style-type: none"> <li>Installation Manual</li> <li>- Commissioning checklist</li> <li>- Service record</li> <li>Cold water control pack</li> <li>- Expansion vessel</li> <li>- Pressure reducing valve</li> <li>- Pressure relief valve</li> <li>- Tundish</li> <li>- Check valve</li> <li>- 2-port valve</li> </ul>	<ul style="list-style-type: none"> <li>Destratification loop kit</li> <li>Immersion heater 6-9kW (1ph)</li> <li>Immersion Heater 12-54kW (3ph)</li> <li>Temperature gauge</li> <li>Pressure gauge</li> </ul>

### CYLINDER MATERIAL: STAINLESS STEEL (DUPLEX 2205)

Primary Coil Rate at Maximum (kW)	126.4
Primary Coil Rate at Max (ltr/min)	60
Pressure drop across coil at max (bar)	0.30
Heat Up Time at Max (min)	62
Standing Loss per Year (kWh/24hr)	1642

### MODEL DIMENSIONS

Diameter (mm)	1476
Height (mm)	2416
Weight empty (kg)	450
Weight full (kg)	2950

### CONNECTIONS - UNVENTED KIT

Pressure reducing valve	2" (6bar)
Pressure relieve valve	1 1/4" x 1 1/2"
Check valve (single)	2"
Expansion vessel size (trs)	300
Expansion vessel mounting	Floor
T & P Relieve valve size (BSP)	1 1/4"
T & P Relieve valve temperature	90 - 95°C
T & P Relieve valve pressure	10 bar
Tundish	1 1/4" x 1 1/2"
2 Port motorized heater	DN40 (1 1/2")

### NOTES -

1. Indirect cylinders tested in conformance with BS EN 12897:2006
2. Indirect heat up times based on a 45°C temperature rise, based on a primary flow temperature of 80°C +/- 2°C