

500⁺ INDIRECT

TECHNICAL SPECIFICATION SHEET

June 2016

This is a quick reference specification sheet, full details can be found in the 500 Indirect installation/service guide via remeha.co.uk/documents.

MODEL: 500 INDIRECT

Storage Volume (litres)	500
Continuous perfo. at 45° (ltr/hr)	1035
1 st hour perfo. at 45° (ltr/hr)	1535
Water delivered at 40° (Itrs)	482
Standing Loss / Day (kWh/24hr)	2.14

ERP DATA - DATA INFORMATION

Storage Volume (Itrs)	500.0
The water heating energy class	C
standing Loss (W)	89.0

CONNECTIONS - HYDRAULIC

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

CYLINDER MATERIAL: STAINLESS STEEL (DUPLEX 2205)

Primary Coil Rate at Maximum (kW)	55.8
Primary Coil Rate at Max (ltr/min)	60
Pressure drop across coil at max (bar)	0.32
Heat Up Time at Max (min)	28
Standing Loss per Year (kWh/24hr)	781

MODEL DIMENSIONS

Diameter (mm)	872
Height (mm)	1800
Weight empty (kg)	110
Weight full (kg)	610

CONNECTIONS - UNVENTED KIT

Pressure reducing valve	1" (6bar)(*)
Pressure relieve valve	1" (*)
Check valve (single)	1" (*)
Expansion vessel size (Itrs)	60
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	DN32(1 1/2")

NOTES -

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

(*) Supplied as inlet integrated control valve (un-assembled)