

TECHNICAL SPECIFICATION SHEET

Cylinder Type :	1450 In-direct
Issue Date :	April 2016

This is a quick reference specification sheet full details can be found in the Remeha Commercial Cylinder Installation/Service guide via www.remeha.co.uk/documents

MODEL: 1450 In-direct		CYLINDER MATERIAL: Stainless Steel (Duplex 2205)	
Storage Volume (litres):	1450	Primary Coil Rate at Maximum (kW):	91.7
Continuous performance at 45°	1752	Primary Coil Rate Max (ltr/min):	60
Δt (ltr/hr):		Pressure Drop across Coil at Max (bar):	0.25
1 st hour performance at 45° Δt	3202	Heat Up Time at Max (min):	50
(ltr/hr):		Standing Loss per Year (kWh/24hr):	1423
Water delivered at 40° (ltrs):	1399		
Standing Loss per Day (kWh/24hr):	4.17		
ErP – Data Information			
Storage Volume (ltrs) :	1450.0	Standing Loss (W):	163.0
The water heating energy class of the model:	C		
MODEL DIMENSIONS			
Diameter (mm):	1224	Weight Empty (kg):	322
Height (mm):	2253	Weight Full (kg):	1872
CONNECTIONS - Hydraulic			
Inlet (BSP):	1½"	Primary Flow & Return (BSP):	1½"
Outlet (BSP) :	1½"	Secondary Return (BSB) :	1"
Sensor Pocket:	½"		
CONNECTIONS - Unvented Kit			
Pressure Reducing Valve :	1½"(6bar)	T & P Relieve Valve size (BSP):	1 ¼"
Pressure Relive Valve:	1" x 1¼"	T & P Relive Valve temperature setting:	90 - 95 ^U
Check Valve (single)	1½"	T & P Relive Valve pressure setting:	10bar
Expansion Vessel Size (ltrs)	200	Tundish	1½"x 1½"
Expansion Vessel Mounting	Floor	2 port motorized valve	DN40 (1½")
CONNECTIONS - Electrical			
Upper Immersion Heater:	6 - 54kW (1 - 3ph)	Lower Immersion Heater:	N/A
CONTROL OPERATION			
Standard :	Installation Manual -Commissioning Checklist -Service record	Cold Water Control Pack -Expansion Vessel -Pressure Reducing Valve -Pressure Relief Valve -Tundish -Check Valve -2-port zone valve	
Optional: For further options Contact our sales team	Destratification Loop Kit Immersion Heater 6-9kW(1ph) Immersion Heater 12-54kW(3ph) Temperature Gauge Pressure Gauge		

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.