

SPECIFICATION

**Available from
300L to 2000L**

**BMS
compatible via
Modbus TCP**

**Up to 54kW
immersion heater
power**

25 year warranty
Subject to T&Cs

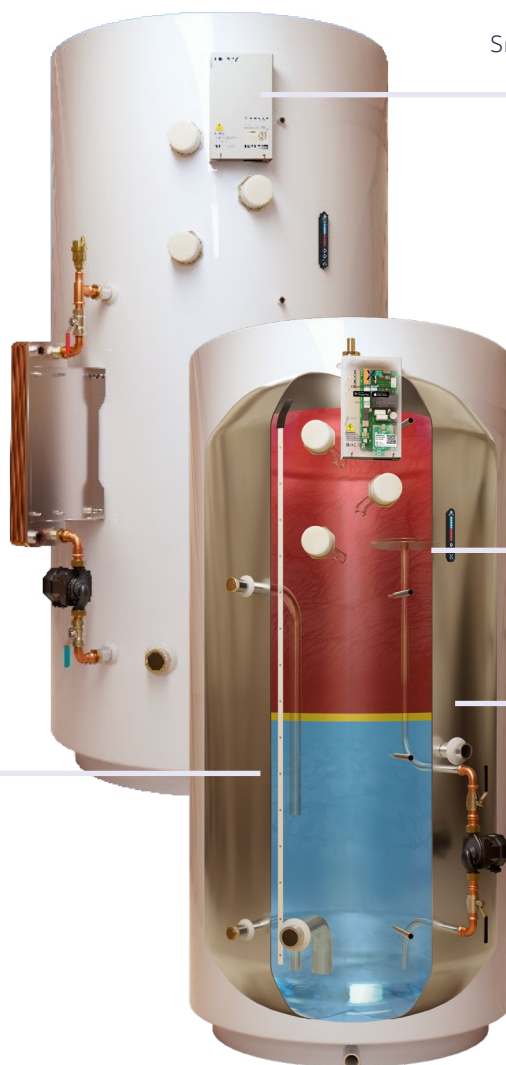
Optional - Plate Heat Exchanger
Connect to heat pumps (air-source, ground-source) or enable heat recovery via VRF systems.

Patented Sensor Strip
Precision level sensing of the hot water volume and temperature

Intelligent
Smart controls that optimise heating around cost, demand and carbon.

Up to 54kW Power
Immersion heater options range from 3kW up to 18kW, depending on cylinder size

Top Down Heating
Heat what's needed, when its needed.



AUTO-CLEANSING

Automated pasteurisation cycles heat the full cylinder, with real time data to verify performance.

FUTURE READY

A flexible pathway to net zero, compatible with all heat sources, including waste heat recovery.

GRID READY

Supports grid flexibility by storing energy intelligently, utilising tariff and weather led data.

Product Variant	MX-300-COM-750	MX-400-COM-750	MX-500-COM-750	MX-800-COM-990	MX-1125-COM-990	MX-2000-COM-1290
Nominal capacity	300 l	400 l	500 l	800 l	1125 l	2000 l
Height	1380 mm	1430 mm	1720 mm	1604 mm	2100 mm	2117 mm
Diameter	750 mm	750 mm	750 mm	990 mm	990 mm	1290 mm
Immersion options	1 No. 3 / 6 / 9 kW	2 No. 3 / 6 / 9 / 12 kW	3 No. 6 / 9 / 12 kW	3 No. 6 / 9 / 12 kW	3 No. 9 / 12 / 15 kW	3 No. 9 / 12 / 15 / 18 kW
Max. pressure	6 bar					
CWS connection	1" BSP			1 ½" BSP		2" BSP
DHW connection	1" BSP			1 ½" BSP		2" BSP
Secondary return connection	1" BSP					
Unladen weight	55 kg	85 kg	95 kg	155 kg	190 kg	295 kg
Packaged weight	65 kg	95 kg	105 kg	105 kg	200 kg	315 kg
Approx. full weight*	355 kg	485 kg	595 kg	955 kg	1315 kg	2295 kg
ErP rating	B		C			
Heat loss @ 65°C	1.77 kW/hr/24hr	2.35 kW/hr/24hr	2.74 kW/hr/24hr	3.29 kW/hr/24hr	3.6 kW/hr/24hr	4.2 kW/hr/24hr
Cylinder material	Duplex Stainless Steel					
Reheat Times						
Reheat 25%	3kW = 114 mins 6kW = 54 mins 9kW = 36 mins	6kW = 72 mins 12kW = 36 mins 18kW = 24 mins 24kW = 18 mins	12kW = 45 mins 18kW = 30 mins 36kW = 15 mins	18kW = 48 mins 27kW = 31 mins 36kW = 24 mins	27kW = 45 mins 36kW = 33 mins 45kW = 26 mins	27kW = 79 mins 36kW = 57 mins 45kW = 47 mins 54kW = 40 mins
Reheat 50%	3kW = 210 mins 6kW = 102 mins 9kW = 66 mins	6kW = 132 mins 12kW = 66 mins 18kW = 44 mins 24kW = 33 mins	12kW = 84 mins 18kW = 55 mins3 6kW = 28 mins	18kW = 90 mins 27kW = 59 mins 36kW = 44 mins	27kW = 83 mins 36kW = 63 mins4 5kW = 49 mins	27kW = 147 mins 36kW = 111 mins 45kW = 87 mins 54kW = 73 mins
Reheat 75%	3kW = 294 mins 6kW = 144 mins 9kW = 96 mins	6kW = 192 mins 12kW = 96 mins 18kW = 63 mins 24kW = 48 mins	12kW = 120 mins 18kW = 78 mins 36kW = 40 mins	18kW = 126 mins 27kW = 84 mins 36kW = 63 mins	27kW = 120 mins 36kW = 90 mins 45kW = 72 mins	27kW = 210 mins 36kW = 156 mins 45kW = 120 mins 54kW = 104 mins
Reheat 100%	3kW = 370 mins 6kW = 180 mins 9kW = 120 mins	6kW = 240 mins 12kW = 120 mins 18kW = 78 mins 24kW = 60 mins	12kW = 150 mins 18kW = 99 mins 36kW = 50 mins	18kW = 156 mins 27kW = 105 mins 36kW = 78 mins	27kW = 147 mins 36kW = 108 mins 45kW = 84 mins	27kW = 251 mins 36kW = 196 mins 45kW = 156 mins 54kW = 130 mins

Based on ΔT = 50°C (10°C to 60°C)

