mixergy®

INTELLIGENT HOT WATER FOR SMARTER BUILDINGS

Our patented technology reduces costs, lowers carbon, and helps businesses hit their sustainability goals

AWARD WINNING TECHNOLOGY

Smarter hot water is here, connected, intelligent, and built for efficiency.

Mixergy transforms hot water storage into an intelligent, connected energy asset. From tourist sites to high-rise offices, our patented technology reduces costs, lowers carbon, and helps businesses hit their sustainability goals, without compromising comfort.

Scalable smart hot water systems
From 400-2,000L - connects seamlessly with existing boilers, heat pumps, VRF, and solar PV.

Patented top-down heating
Heat only the water you need, cutting waste and boosting efficiency by up to 40%.

Precision-level sensing
Know exactly how much hot water is available. No guessing. No oversizing.

Usable hot water within 35 minutes
Up to 10x quicker reheat times, from direct immesion heater or external plate heat exchanger.

Best in class Demand Side Response (DSR) capability
Generate recurring revenue at larger sites by capturing DSR value while still delivering the hot water performance you need.

SPECIFICATION

Product Variant	MX-400-COM-750	MX-500-COM-750	MX-800-COM-990	MX-1125-COM-990	MX-2000-COM-1290
Nominal Capacity (l)	400	500	800	1125	2000
Height (mm)	1430	1720	1604	2100	2117
Diameter (mm)	750	750	990	990	1290
Immersion options	2 No. 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 (bar)	6	6	6	6	6
CWS Connection (BSP)	1"	1"	1 ½"	1 ½"	2"
DHW Connection (BSP)	1"	1"	1 ½"	1 ½"	2"
Secondary Return Connection (BSP)	1"	1"	1"	1"	1"
Unladen Weight (kg)	85	95	155	190	295
Packaged Weight (kg)	95	105	105	200	315
Approx. Full Weight*(kg)	485	595	955	1315	2295
ErP rating	B	C	C	C	C
Heat loss (kW/hr/24hr)@ 65·C	2.35	2.74	3.29	3.6	4.2
Cylinder material	Duplex Stainless Steel				

Reheat Times

Reheat 25%	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%	12kW = 66 mins 18kW = 44 mins 24kW = 33 mins	12kW = 84 mins 18kW = 55 mins 36kW = 28mins	18kW = 90 mins 27kW = 59 mins 36kW = 44 mins	27kW = 83 mins 36kW = 63 mins 45kW = 49 mins	27kW = 147 mins 36kW = 111 mins 45kW = 87 mins 54kW = 73 mins
Reheat 75%	12kW = 96 mins 18kW = 63 mins 24kW = 48 mins	12kW = 120 mins 18kW = 78 mins 36kW = 40mins	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%	12kW = 120 mins 18kW = 78 mins 24kW = 60 mins	12kW = 150 mins 18kW = 99 mins 36kW = 50mins	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)

Available from 400L to 2000L

BMS compatible via Modbus TCP

Up to 54kW immersion heater power

25 year warranty *Subject to T&Cs*

Speak to our team

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Proud winners of the 2025 Kings Award for Enterprise in Innovation

www.mixergy.co.uk

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WRAS
APPROVED PRODUCT

CIPHE

hot water
association