

MIXERGY X

COMMERCIAL

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300 | 400 | 500 | 800 | 1125 | 2000 LITRES

BMS COMPATIBLE VIA MODBUS TCP

UP TO 54 KW IMMERSION POWER | 25 YEAR WARRANTY†

750 – 1290 MM



1380 – 2117 MM

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Specification	300L	400L	500L	800L	1125L	2000L
Product Code	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 (L)	300	400	500	800	1125	2000
ErP Rating	B		C			
Cylinder Material	Duplex Stainless steel					
Insulation Material	CFC/HCFC free polyurethane foam					
Max. Pressure (bar)	6					
CWS Connection	1" BSPF			1½" BSPF		2" BSPF
DHW Connection	1" BSPF			1½" BSPF		2" BSPF
Secondary Return Connection	1" BSPF					
Immersion Heater 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
Diameter (mm)	750			990		1290
Height (mm)	1380	1430	1720	1604	2100	2117
Weight Empty (kg)	55	85	95	155	190	295
Packaged Weight (kg)	65	95	105	165	200	315
Weight Full (kg)*	355	485	595	955	1315	2295
Standing Heat Loss @ 65°C (kWh/24h)	1.77	2.35	2.74	3.29	3.60	4.20

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, using tariff and weather-led data.

INTELLIGENT

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

TOP DOWN HEATING

Heat what's needed, when it's needed.

PLATE HEAT EXCHANGER

Optional. Connect to air or ground source heat pumps, or enable heat recovery via VRF systems.

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MIXERGY X COMMERCIAL REHEAT TIMES

Capacity	Immersion Power	25% Charge	50% Charge	75% Charge	100% Charge
300L MX-300-COM-750	3 kW	114 mins	210 mins	294 mins	370 mins
	6 kW	54 mins	102 mins	144 mins	180 mins
	9 kW	36 mins	66 mins	96 mins	120 mins
400L MX-400-COM-750	6 kW	72 mins	132 mins	192 mins	240 mins
	12 kW	36 mins	68 mins	96 mins	120 mins
	18 kW	24 mins	44 mins	63 mins	78 mins
	24 kW	18 mins	33 mins	48 mins	60 mins
500L MX-500-COM-750	12 kW	45 mins	84 mins	120 mins	150 mins
	18 kW	30 mins	55 mins	78 mins	99 mins
	36 kW	15 mins	28 mins	40 mins	50 mins
800L MX-800-COM-990	18 kW	48 mins	90 mins	126 mins	156 mins
	27 kW	31 mins	59 mins	84 mins	105 mins
	36 kW	24 mins	44 mins	63 mins	78 mins
1125L MX-1125-COM-990	27 kW	45 mins	83 mins	120 mins	147 mins
	36 kW	33 mins	63 mins	90 mins	108 mins
	45 kW	26 mins	49 mins	72 mins	84 mins
2000L MX-2000-COM-1290	27 kW	79 mins	147 mins	210 mins	251 mins
	36 kW	57 mins	111 mins	156 mins	196 mins
	45 kW	47 mins	87 mins	120 mins	156 mins
	54 kW	40 mins	73 mins	104 mins	130 mins

Reheat times based on ΔT = 50°C, rising from 10°C to 60°C.

TECHNICAL DATA

Electrical		Hydraulic	
Supply Requirement	230 – 240 V~, 6 A	Max. Supply Pressure to PRV	1 MPa (10 bar)
Ambient Operating Temperature	-15°C to 45°C	Operating Pressure	0.3 MPa (3 bar)
Safety Cut-out Temperature	85°C	Expansion Relief Valve Setting	0.6 MPa (6 bar)
IP Rating	IP21	T&P Relief Valve Setting	0.7 MPa (7 bar)