

Direct - Standard Design

120 | 150 | 180 | 210 | 250 | 300 Litres

Mixergy tanks are available as indirect or direct variants, and as vented or unvented systems. Our standard diameter tanks are available to suit the needs of most homes.



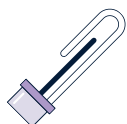
- Unique volumetric heating**
 Only heat what you need - save up to 20% on hot water bills
- Heat quicker**
 Delivers hot water up to 5x faster than conventional tanks
- Constant control**
 The Mixergy App and control gauge show you how much hot water you have available at any time
- Smart scheduling**
 Build a schedule that ensures you always have enough hot water available
- Voice control**
 Control your Mixergy tank through your Alexa or Google Home device
- Smart tariff ready**
 Use dynamic time-of-use tariffs to provide cheap hot water in off-peak periods
- Energy Savings Trust verified**
 Independent verification that Mixergy tanks significantly reduce gas consumption, saving up to 21% on hot water bills



Heat pump ready, so you can easily connect to all makes and models of heat pump in the future



Easy connection to solar PV - either on installation or in the future



Long life 3kW Incoloy immersion heater positioned at the top of the tank to provide fast and efficient top-down heating



Manufactured in the UK

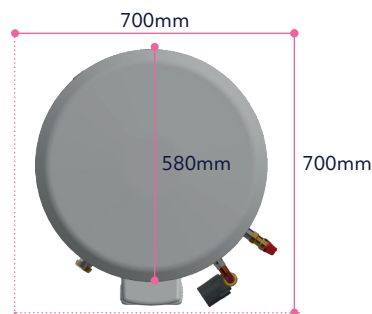
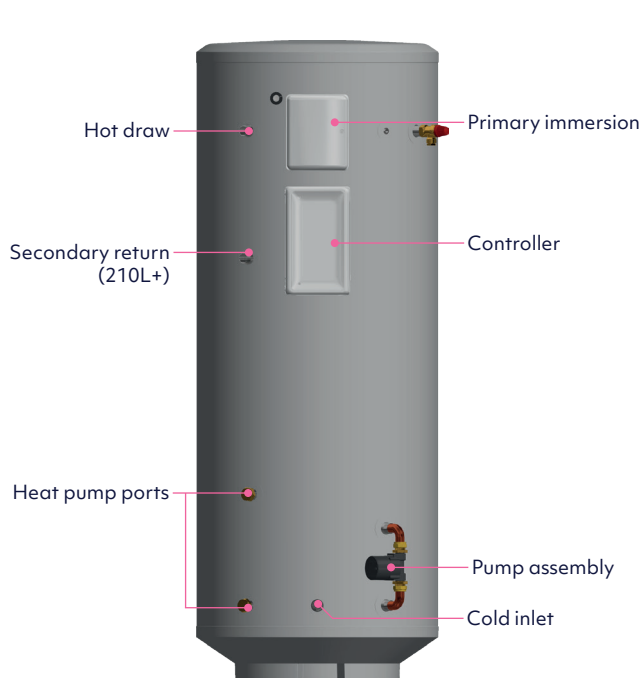


Technical Data

Model	120L	150L	180L	210L	250L	300L
Product code	MX-120-DIR-58X	MX-150-DIR-58X	MX-180-DIR-58X	MX-210-DIR-58X	MX-250-DIR-58X	MX-300-DIR-58X
Nominal capacity (litres)	120	150	180	210	250	300
ErP rating	A	A	A	A	B	B
ErP draw profile	M	M	M	M	M	M
ErP efficiency (%)	39.2	39.2	40.0	39.7	40.0	39.6
ErP AEC (kWh)	1310	1310	1257	1293	1282	1296
Insulation thickness (mm)	60	60	60	60	60	60
Immersion heater rating (kW)	3	3	3	3	3	3
Height (mm)	1050	1200	1300	1500	1800	2050
Diameter (mm)	580	580	580	580	580	580
Weight empty (kg)	44	46	51	56	62	65
Weight full (kg) *	165	195	225	265	304	360
Standing heat loss ** (kWh/24h)	0.54-0.86	0.54-0.91	0.54-0.96	0.54-1.01	0.54-1.34	0.54-1.68
Standing loss (W)	45	48	53	57	68	73
Minimum reheat time (15-65 °C)	44 mins	44 mins	44 mins	44 mins	44 mins	44 mins
70% charge reheat time (15-65 °C)	98 mins	123 mins	147 mins	172 mins	205 mins	245 mins
100% charge reheat time (15-65 °C)	140 mins	176 mins	210 mins	246 mins	293 mins	350 mins

* For cylinders with external heat exchanger fitted, add 5kg to the full cylinder weight

** Lower value represents losses at 25% total volume heated



The following components are supplied as standard:

- Unvented kit: pressure reducing valve, check valve, pressure & temperature relief valve, expansion relief valve, tundish and expansion vessel (including mounting bracket and 3/4" x 22mm adapters)
- 3 kW immersion heater(s) 1.3/4" BSP (fitted)
- High limit thermostat
- 2-port diverter valve V4043H1056
- Powerline to Ethernet adapter
- Ethernet cable
- User Guide

HERE TO HELP

For further information or technical assistance

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www.mixergy.co.uk

