

# Mixergy iHP

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

The smartest and most efficient integrated heat pump cylinder on the market. The Mixergy iHP enables households to heat water fast from the top down, using Mixergy's unique Stratos heat pump technology.



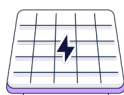
- **Heat what you need**  
Heats water from the top-down, saving energy and money
- **10x faster re-heat time**  
Heats usable hot water in under 30 mins
- **Less refrigerant**  
Engineered to use as little refrigerant as possible
- **Innovative modular design**  
Detachable heat unit makes it easier to transport, install and maintain
- **Efficient and smaller**  
A+ energy efficiency rated and up to one-third of the size of conventional competitor products
- **Smart controls**  
Enjoys the benefits of Mixergy, including app control, gauge, and voice control connectivity



Pre-plumbed design and simple connections



25 years on cylinder, 5 years on heat pump, 2 years other parts



Smart tariff ready when integrated with solar PV

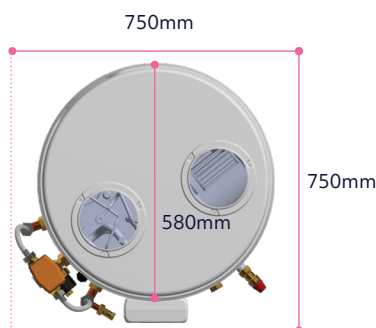
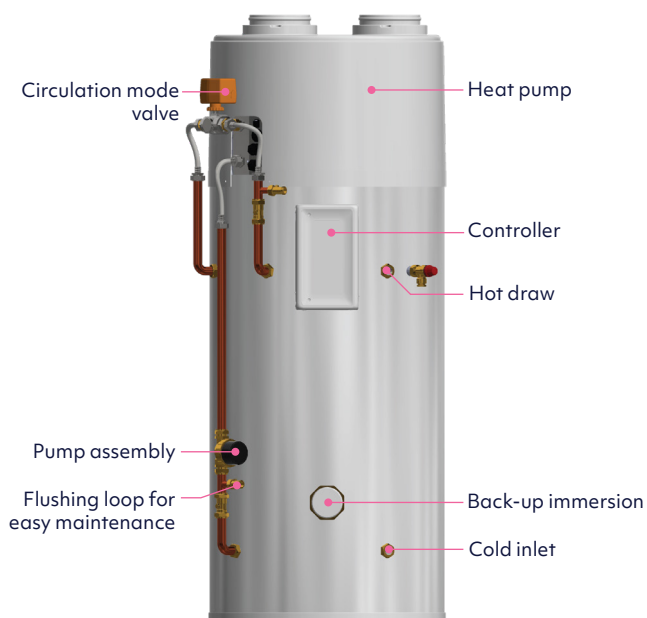


A+ efficiency to help meet SAP and EPC requirements



# Technical Data

Model	90L	120L	150L	180L	210L	250L
Product code	MX-090-IHP-58X	MX-120-IHP-58X	MX-150-IHP-58X	MX-180-IHP-58X	MX-210-IHP-58X	MX-250-IHP-58X
Nominal capacity (litres)	90	120	150	180	210	250
Height (mm)	1135	1325	1515	1695	1885	2145
Diameter (mm)	580	580	580	580	580	580
Weight empty (kg)	79	83	86	90	94	97
Weight full (kg)	169	203	236	270	304	347
Cylinder material	Duplex Stainless steel					
Insulation material and thickness	CFC/HCFC free polyurethane foam, 60mm					
Refrigerant	R134a					
ErP rating	A+					
Air operating range	-7 to +35°C					
Achievable hot water temperature via heat pump	55°C					
Heat pump electrical rating (kW)	0.85					
Heat pump max. power output (kW)	2.5					
Sound pressure level (dBA)	50					
Airflow (m <sup>3</sup> /hr)	450					
Air ducting method	Separate inlet and outlet to exterior					
Air duct diameter (mm)	150					
Water connections	22 mm compression					
Electrical supply	16A, 230 - 240 V~					
Standing heat loss * (kWh/24hr)	0.54-1.01	0.54-1.06	0.54-1.22	0.54-1.34	0.54-1.44	0.54-1.75
Back-up heater rating (kW)	3					
Coefficient of performance (CoP) **	3.4					
Minimum reheat time (15-50°C)	30 mins	30 mins	30 mins	30 mins	30 mins	30 mins
70% charge reheat time (15-50 °C)	70 mins	94 mins	117 mins	140 mins	164 mins	195 mins
100% charge reheat time (15-50 °C)	100 mins	134 mins	167 mins	201 mins	234 mins	279 mins
Warranty (UK)	25 years on cylinder, 5 years on heat pump, 2 years other parts					



\* Lower value represents losses at 25% total volume heated and upper value is used for SAP

\*\* Dependant on outside temperature

## 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 backup immersion heater(s) 1.3/4" BSP (fitted)
- Powerline to Ethernet adapter
- Ethernet cable
- Control gauge
- User Guide

