Air Sourced Hot Water Cylinder - 80L

Smart, Energy Efficient Hot Water Technology

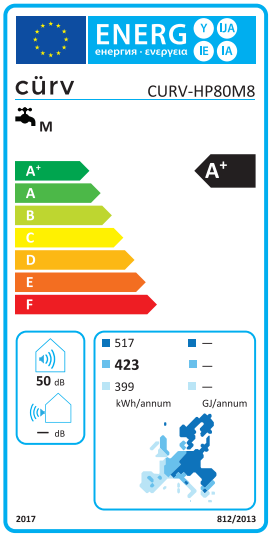
Wall Mounted [CURV-HP80M8]

Off-Peak **Eco Power**	Easy Simple **Installation**	Multiple Air **Ducting Set-Up**	Fast Water **Heat Up Time**	Micro-Channel **Condenser**
Set your cylinder to only operate during off-peak low-cost hours with Eco Power Mode, to further save on your electricity.	The Project CÜRV hot water cylinders are simple to install. With plug and play functionality like an electric water heater, easy to install and replace.	Utilise ambient air or extract fresh air from outdoors, the air sourced hot water cylinders have multiple ducting installation set-ups.	The Project CÜRV air sourced hot water cylinders come with a powerful compressor built-in as standard, this enables faster water heat up times.	The micro-channel condenser has larger contact surface for better heat transfer performance and less refrigerant consumption.

Heating your water alongside infrared technology or GCH, opt for our sleek, smart electric powered hot water cylinder.

To understand how your Air Sourced Hot Water Cylinder works, just think of how a refrigerator works: it transfers the heat present inside it to the surrounding environment. The Cürv® Air Sourced Hot Water Cylinder reverses the cycle by subtracting heat from the air to transfer it to the water.

- Fast heat up time
- Range of modes to work around your life including holiday, eco, and boost
- High performance guaranteed under a five-year warranty
- Easy to install by any plumber with a unvented hot water certificate
- Significantly reducing carbon emissions
- ERP rating A+
- Reduces energy bills
- R290 Refrigerant
- Control via Curv smart app



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Tank

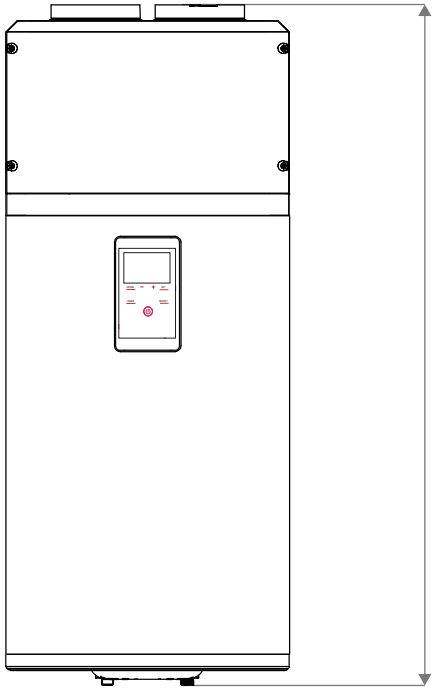
Tank Volume	82L
Rated Voltage/Frequency	220V~240V/50Hz
Tank Max Pressure	0.8MPa
Thermal Insulation	40mm
Corrosion Protection	Electronic Anode
Insulation Protection Rating	IPX4

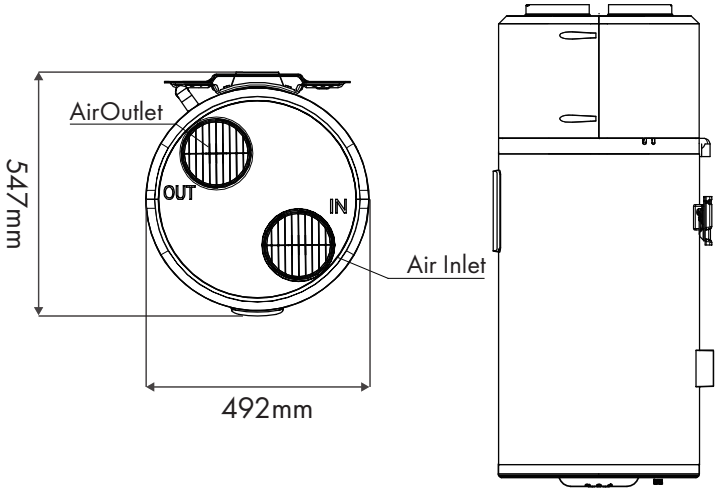
Performance

Type Of Extraction	Ambient / Exterior
COP @ 2°C / EN16147*	2.35
COP @ 7°C / EN16147*	2.91
COP @ 14°C / EN16147*	3.07
Air Flow	180m³/h
Tapping Cycle*	M
Power Input By Electric Backup	1200W
Rated Power Input By Heat Pump	250W
Maximum Power Input By Heat Pump	370W
Maximum Power Input	1570W
Standby Power Input / Pes*	15.3W
Heating Up Time (7°C)*	4.26h
Heating Up Time (14°C)*	3.48h
Volume Of Mixed Water At 40°C @ 7°C*	103.8L
Reference Hot Water Temperature @7°C*	53.75°C
Default Temperature Setting	56°C
Heating Temperature Range (HP)	35°C - 65°C
Heating Temperature Range (HP & Heater)	35°C - 75°C
Maximum Length Of Air Duct Combined Inlet/Outlet	40m
Diameter Of Air Duct Connection	160mm
Max Working Pressure Of Refrigerant	1.0/3.3MPa
Refrigerant Type /Weight	R290 /0.12kg
Sound Pressure Level**	50dB (A)
Sound Pressure Level @1m	37.7dB (A)
Ambient Temperature For Use Of Product	-7~45°C
Operating Temperature Of Heat Pump	-7~45°C
Thermal Dispersion [kW/24h]	0.360
Thermal Dispersion S [W]	15.3
Thermal Dispersion Ktant [W/K]	0.33
Wi-Fi Connection	Yes

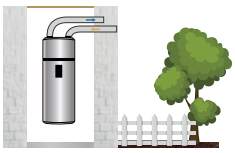
Dimension And Connections

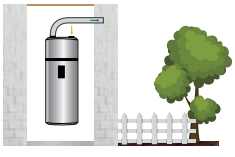
Water Inlet And Outlet Connection	R1/2"M
Safety Valve Connection	R1/2"M
Product Dimensions	492*547*1184mm
Packing Dimension With Pallet	/
Net /Gross Weight	51/58kg

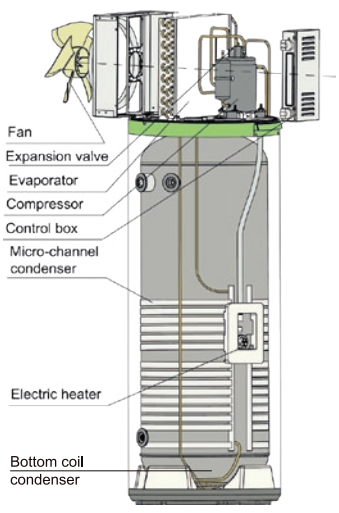




Ducting Options & Components







*According to EN 16147; **According to EN12102;
The COP and noise level data was tested in Haier lab
The COP values obtained with external air temperature of 7°C and 14°C, inlet water temperature of 10°C and set temperature of 55°C (SHW080&SHW110,according to EN 16147), inlet water temperature of 10°C and set temperature of 54°C (SHW150, according to EN 16147).
The sound power level data obtained with extrenal air temperature of 7°C, inlet water temperature of 10°C and set temperature of 55°C, according to EN12102
Manufactured by Haier, exclusively for Project Cürv®

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