

Air Sourced Hot Water Cylinder - 250L

Smart, **Energy Efficient** Hot Water Technology

[CURV-HP250M7]

Project **cürv**

REVOLUTIONISE YOUR HOT WATER

Providing a direct, **energy efficient**,
solution to your hot water necessities.

A+



Off-Peak
Eco Power

Set your cylinder to only operate during off-peak low-cost hours with Eco Power Mode, to further save on your electricity.



Easy Simple
Installation

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.



Multiple Air
Ducting Set-Up

Utilise ambient air or extract fresh air from outdoors, the air sourced hot water cylinders have multiple ducting installation set-ups.



Fast Water
Heat Up Time

The Project CÜRV air sourced hot water cylinders come with a powerful compressor built-in as standard, this enables faster water heat up times.



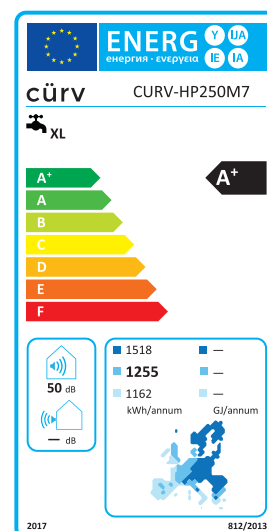
Micro-Channel
Condenser

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	246L
Rated Voltage/Frequency	220V~240V/50Hz
Tank Max Pressure	0.7MPa
Thermal Insulation	50mm
Corrosion Protection	Electronic Anode
Insulation Protection Rating	IPX4

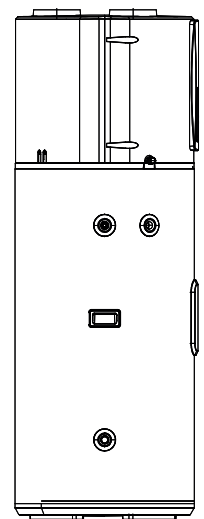
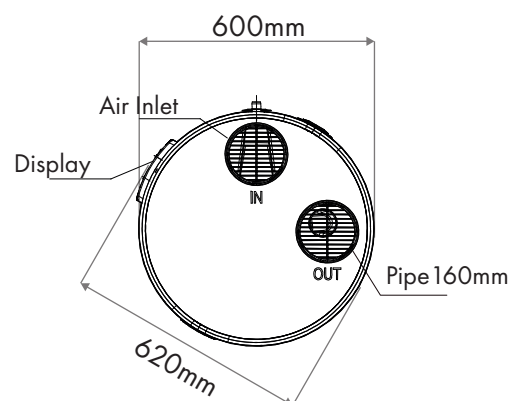
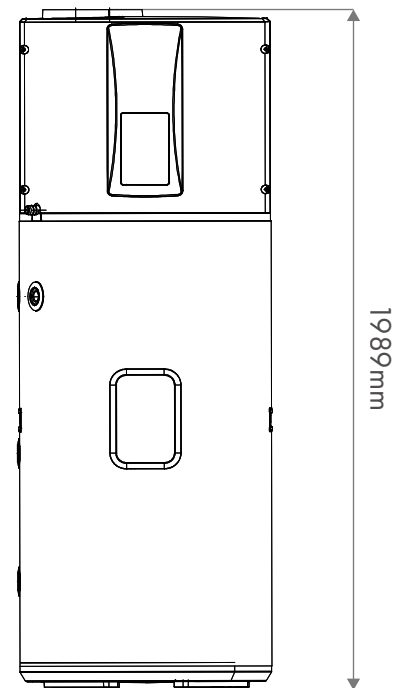
Performance

Type Of Extraction	Ambient / Exterior
COP @ 2°C / EN16147*	2.67
COP @ 7°C / EN16147*	3.20
COP @ 14°C / EN16147*	3.45
Air Flow	300m ³ /h
Tapping Cycle*	XL
Power Input By Electric Backup	1500W
Rated Power Input By Heat Pump	320W
Maximum Power Input By Heat Pump	535W
Maximum Power Input	2035W
Standby Power Input / Pes*	43W
Heating Up Time (7°C)*	10.51h
Heating Up Time (14°C)*	9.04h
Volume Of Mixed Water At 40°C @ 7°C*	314L
Reference Hot Water Temperature @7°C*	54.05°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	22m
Diameter Of Air Duct Connection	160mm
Max Working Pressure Of Refrigerant	1.0/3.3MPa
Refrigerant Type /Weight	R290 /0.15kg
Sound Pressure Level**	50dB (A)
Sound Pressure Level @1m	36dB
Ambient Temperature For Use Of Product	-7~45°C
Operating Temperature Of Heat Pump	-7~45°C
Thermal Dispersion [kW/24h]	1.032
Thermal Dispersion S [W]	43
Thermal Dispersion Ktant [W/K]	0.96
Wi-Fi Connection	Yes

Dimension And Connections

Water Inlet And Outlet Connection	Rp3/4
Safety Valve Connection	Rp3/4
Drain & Water Inlet Connection	Rp3/4
Product Dimensions	600*620*1989mm
Packing Dimension With Pallet	736*695*2250mm
Net /Gross Weight	99/122kg

* 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 54°C (according to EN16147)
The sound power level data obtained with external 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®



Ducting Options & Components

