upowa

EcoGen 200

Hot water heat pump cylinder.

Meet the UPOWA EcoGen 200, our sleek and energy-efficient hot water heat pump cylinder.

Eco-friendly and energy-saving, the EcoGen 200's heat pump technology converts thermal energy into low cost, renewable heated hot water on demand.

It features integrated controls to ensure a user-friendly, simple operation. The EcoGen 200 can also be powered by solar electricity generated by a PV system, saving more energy.

The EcoGen 200 offers housing developers and installers the perfect hot water heat pump solution to future-proof homes and apartments for sustainable, low-carbon living.

Key features

- High energy efficiency
- Achieves high COP of >3.05 (EN:16147)
- ERp A+ rated
- Compact 580mm x 1910mm cylinder with 200L storage
- High-quality, safe and reliable performance
- Hot water on demand without any need for a back-up heater
- Integrated 1.5kW electrical back-up heating function
- Utilise electricity generated by solar panels to achieve greater levels of efficiency and energy savings
- LED display for simple and easy operation
- Five-year warranty

Electrical specifications

Heat pump (in accordance with EN 16147:2017)

Rated power input	0.6kW
Rated current	2.61A
Maximum power input	0.95kW
Maximum current	4.13A
Power supply	220-240V/50Hz
Load profile	M
Energy efficiency	135.5%
Energy efficiency class	A+
COPDHW	3.05
Mixed water at 40°C	238.9L
Operating temperature	-7 to 43°C
Maximum water outlet temperature	65°C
Heat up time	3h:44 minutes
Refrigerant type and volume	R134a/900g

Electrical back-up heating

Rated power input	1.5kW
Rated current	6.52A
Maximum water outlet temperature	75°C

Water tank

Storage volume	200L
Inner tank	Enamelled water tank
Maximum operating pressure	0.8Mpa
Water inlet/outlet pipe	DN20mm
Drainage pipe	DN20mm
Magnesium rod joint	M33mm
PT valve joint	DN15mm

Mechanical specifications

Operational mode	Heat pump, assistance, automatic and boost mode
Sound power level (in accordance with EN 12102-1-2017)	≤59dB
IP Rating	IPX4
Anti-shock class	I
Product dimensions (w x h)	580mm x 1910mm
Product weight (when empty)	97kg
Product weight (when filled)	106kg

Compliance

Certification and safety standards	MCS, BRE, UKCA, CE