



Cool Energy

EcoSyn

All In One Exhaust Air Heat Pump Hot Water System

EcoSyn CE-ECOSYN100

Features:

The All In One, Heat Pump Hot Water Solution - 100 Litre Model

Easy to use, install and operate our EcoSyn wall mounted, all in one heat pump tanks are truly the easiest renewable technology to add to any home or business!

Our Eco-Store tank is designed to provide year-round mains pressure hot water for, taps, baths, showers or industry.

Air is simply ducted in and out of the unit from wherever you wish to take heat from!

This could be as simple as two pipes through the wall to outside, working like a standard air to water heat pump taking energy from the outside air.

Or it could be placed in a position where there is waste heat around such as a boiler house, factory, kitchen or cellar.

Alternatively waste heat could be ducted into it from extractor fans, gyms or ceiling voids ect, and cool air could be returned



DISPLAY TOUCH



Specifications:

Model		Ecosyn 100
Capacity		97.9 L
Quantity of Mixed Water		@ 40°C 130L
Supply	V~/Hz/A	230/50/16
Refrigerant / Charge	Kg	R134a/0,54
Average Power Input	kW	0,25
Backup / Boost Elements	Nr/kW	2x 1,0
Maximum Power Input	kW	2,35
Coefficient of Performance (A15/W10-55) EN 16147	COP	3,10
Heating Time A15/W10-55	h:min	05:40
Heating Time A7/W10-55	h:min	06:50
Energy Class		A+
Load Profile		M
Working Temperature	°C	-7÷35
Maximum Temperature (Heat Pump Only)	°C	55
Maximum Temperature (With Electrical Resistance)	°C	75
Heating Times From Cold (12°C)	min	322
Maximum Working Pressure	MPa	0,6/1,2
Net Weight	kg	62
Hydraulic Connections (KW-WW)	Rp	G ½"
Dimensions H/W/D	mm	1342/506/533

- Simple to install
- Plug in electrics
- Heat source can be surrounding air or ducted
- Ducting can be flat or round 125mm
- Included standard G3 kit, (Expansion Vessel, Combination Valve & PRV)
- Timed control for water heating periods
- Corrosion-proof magnesium anode
- Large, easy to read Touch Screen LCD
- Built In Anti-Legionella function
- Air sensor for automatic activation
- Environmentally-friendly refrigerant R134a
- Rotary compressor for maximum noiseless operation
- Holiday function
- Turbo Boost function with 2 x 1kW elements
- 5 Year Warranty

