

AIR TO WATER HEAT PUMP

ESP ECOCENT HOT WATER HEAT PUMP

www.esavep.com

The ESP Ecocent is unique and exceptional in every way. It will generate domestic hot water (DHW) from heat within the home that would otherwise be totally wasted e.g. heat generated in the bathroom when showering or bathing. The Ecocent also dehumidifies air that it processes to recover waste heat. The by-product of the Ecocent is cold air that can be recycled in to the house to provide cooling for a larder, bedrooms in summer, conservatories in summer, and so on. The Ecocent can be installed as a mains pressure unit or gravity fed. Units in our ecocent range are MCS Accredited.



Features:

- Attractive and compact design - available in 100ltr, 200ltr and 300ltr capacity.
- Stainless steel tank with magnesium anode protection.
- Can be installed as gravity fed or mains pressure.
- ESP's high efficiency compressor designs with R134a refrigerant for exceptional performance.
- Digital touch screen control panel.
- Wide target temperature range - Default is 55 deg C.
- Immersion heater back up - 1.5kW - used for weekly pasteurisation cycle.
- Legionella protection through weekly pasteurisation cycle.
- Can be full integrated with the ESP-Rega MVHR whole house systems.
- Air feed via 150mm ducting that can be up to 8m on both the inlet and outlet side.
- Secondary coil for additional heat sources to be incorporated. Optional twin water coil top and bottom of Ecocent available.



Specification

MODEL	ECOCENT	100Ltr	200Ltr	300Ltr
Heating Capacity	kW	1.0	2.5	2.5
	BTU/h	3414	8535	8535
Power Supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50
COP	W/W	3.7	3.8	3.8
Power Input	W	270	640	640
Power Output	kW	1.0	2.5	2.5
Water Tank Volume	L	100	200	300
Net Dimensions (DxH)	mm	520x1210	560x1700	640x1800
Shipping Dimensions (LxWxH)	mm	710/640/1530	630/630/1840	720/720/1960

Heating: Ambient temp.: 15/13°C, Water temp from 15°C to 45°C.
 Energy efficiency test is based on Standard DINEN255-3-1997.
 The above data is for reference only; specific data is subject to the product nameplate.