

Enveloped

Installed systems for high-performance homes

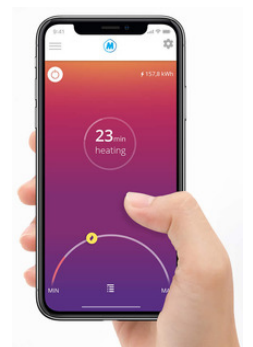
Hot Water Heat Pumps



GreenE cylinders are the latest in energy-efficient hot water systems from Europe that will dramatically reduce your power bill. Designed to be installed either inside or outside under cover, they utilise the warmer air in the ceiling or loft space along with advanced heat pump technology to efficiently heat your water - even at night and in winter conditions, with no need for a booster system. Glycol panels can be used as an alternative to ceiling space in low-slope and skillion roof systems.

To gain even more cost-savings, use their programmable and app-controlled features to optimise your PV panels, turn the cylinder off and on when on holiday or make the most of off-peak power tariffs. Furthermore, the cylinders are "cash positive", which means they will save more in running costs (compared to a standard cylinder) than the cost of financing on your mortgage.

Enveloped can either work with your existing plumber or provide a complete supply and installation service for your project, for residential units shown through to large multi-purpose units capable of handling swimming pools and underfloor heating as well as potable water.



SUPPLY &
INSTALL



PROJECT
SEQUENCING



EXPERT
ADVICE



ONE STOP
SHOP



COMPETITIVE
RATES



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**HIGH PERFORMANCE
INSULATION**

**PERFORMANCE
MONITORING**

**AIR & WATER
HEATING**

**HEAT RECOVERY
VENTILATION**

**AIR TIGHTNESS
& MEMBRANES**

**LOW EMISSION
FIRES**

**AIR TO WATER
HEAT TRANSFER**



	GreenE250	GreenE300	GreenE500
Water Pressure Bar	6	6	6
Water Capacity	250L	300L	500L
Cylinder (Stainless)	316	316	316
Min Air Temp	-10	-10	-10
Max Water Temp	60c	60c	60c
Max Temp Element	70c	70c	70c
Power Consumption	572w	572w	1084w
COP (1*)	3.3	3.3	3.51
COP (2*)	2.9	2.9	3.7
Output Kw	2.4	2.4	4.8
Refrigerant	R134a	R134a	R134a
Power Supply V/Ph/HZ	230/1/50	230/1/50	230/1/50
Air Flow Connections	120mm	120mm	120mm
Sound DbA	35	35	35
Weight Kg Dry	108	119	165
Weight Kg Wet	358	419	665
Dimensions Height mm	1785	2023	2023
Dimensions Width mm	590	590	710
Dimensions Depth mm	580	580	743

**AIR TO GLYCOL TO WATER
HEAT TRANSFER**



	2Water250	2Water300	2Water500
Thermal power with solar	2240W	2240W	4480W
Total power consumption	600W	600W	1200W
COP with solar radiation	3.73	3.73	3.73
Compressor consumption	540W	540W	1080W
Max output with element	3740W	3740W	7480W
Power consumption with element	2160W	2160W	4320W
Electrical supply	230/1/50	230/1/50	230/1/50
Refrigerant	134a	134a	134a
Panel pressure	6 Bar	6 Bar	6 Bar
Dimensions Height mm	1785	2023	2023
Dimensions Width mm	590	590	710
Dimensions Depth mm	580	580	743

*COP (1) Air 7c / Water 55c

*COP (2) Air 2c / Water 55c

5 year Warranty