

Edel Hot Water Heat Pump

EDL200UK-630 and EDL270UK-630

The Edel range of heat pump cylinders comes in two sizes, 200L and 270L. The inner vessel is made from Stainless Steel with a Hot Water Heat Pump mounted on top. The heat pump can produce hot water very efficiently as it extracts heat from external air supplied via insulated ductwork, which is available as an accessory. Due to the high efficiencies, the cylinder reduces the Dwelling emissions in SAP making it possible to pass using electric space heating and the Edel cylinder.



- The Edel heat pump consumes 5 times less electricity than standard electric water heaters.
- Helps to pass Part L building of the regulations whilst specifying electric heating.
- Compact unit with 630mm diameter with options of 200L or 270L storage
- Stainless steel tank with 5 year guarantee and no requirement for sacrificial anode.
- Very quiet operation due to sound proof hood, variable speed fan and a high performance rotary compressor mounted on anti-vibration pads.
- Patented high performance heat exchanger and defrost mode of operation in UK climates.

Heat pump performance		Edel 200 Air UK	Edel 270 Air UK
Nominal volume	L	200	270
Air operating range	°C	-7 to +35	
Achievable hot water temperature via heat pump	°C	60	
Maximum power input (heat pump and immersion)	W	700 + 1500 = 2200	
Maximum power output from ONLY the heat pump at 45°C	W	1650	
Maximum power output from the heat pump AND boost immersion at 45°C	W	1650 + 1500 = 3150	
Air flow	m ³ /h	250 to 400	
Sound pressure level at 2m	dB(A)	33	
Refrigerant	/kg	R290/ 0.14	
Standing heat loss	kWh/24h	1.61	1.77
Air ducting method		Separate inlet and outlet to exterior	
Heating time		6h21	9h28
Coefficient of performance		3.21	3.24
Dimensions and connections			
Dimensions	mm	630 x H 1426	630 x H 1690
Weight	kg	80	90
Air duct diameter	mm	160	
Maximum ducting length	m	Smooth ducting: 20m total (intake and outlet)	
Water connections	Inch	M 3/4"	
Condensate tube	mm	18/23	
Electrical supply		230V~ 50Hz 1P&N	
IP rating		IPX1	
MCB type C		16	
Hot water cylinder			
Material		Stainless steel	
Insulation		45mm PU foam with PVC outer	
Refrigeration heat exchanger		Double walled separation from potable water	
Maximum operating pressure	bar	6	
Maximum condensate production	L/h	0.3	
Integrated electric immersion	W	1500	
Maximum temperature with immersion	°C	65	
Approvals			
Water regulations		G3 KIWA approval to EN12897 pending	
T&P valve		Factory fitted	
Accessories		Inlet group, tundish, expansion vessel	