

Edel RF Hot Water Heat Pump



Product Description

Edel heat pump cylinders comprise of a stainless steel inner vessel with a hot water heat pump mounted on top. The heat pump produces hot water very efficiently **by extracting heat from external air supplied via insulated ductwork**, which is available as an accessory. This highly efficient cylinder reduces the dwelling emissions in SAP making it possible to pass using electric space heating and an Edel heat pump cylinder. Edel cylinders feature RF connectivity and can be controlled remotely when connected to a DimplexHub.

Key Features

- Internet-connected smartphone app connectivity
- The Edel heat pump consumes 5 times less electricity than standard electric water heated cylinders
- Helps to pass Part L of building regulations when specifying electric heating
- Compact 630mm diameter units, available in 200L or 270L hot water capacity cylinder options
- Stainless steel tank with 5 year guarantee, no sacrificial anode requirement
- Very quiet in operation due to soundproof hood housing, variable speed fan and the rotary compressor being mounted on anti-vibration pads
- Patented high performance heat exchanger with defrost mode operation in UK climates

Internet Connectivity

App platform	Dimplex Control
Connectivity method	RF 868Mhz (Included)
Additional hardware	Requires 1 x 'DimplexHub'



Use of Dimplex control is subject to agreement of the GDPR Internet of Things (IoT) [Terms and Conditions](#), [Privacy Policy](#) and [Cookie Policy](#).

Technical Details

Heat pump performance		Edel 200 UK RF	Edel 270 UK RF
Model code		EDL200UK-630RF	EDL270UK-630RF
Item Code		101587	101594
Nominal volume	L	200	270
Air operating range	°C	-7 to +35	
Achievable hot water temperature via heat pump	°C	60	
Max. electrical power input (heat pump & immersion)	W	700 + 1200 = 1900	
Max. thermal power output (heat pump ONLY) at 45°C	W	1300	
Max. power output (heat pump & immersion) at 45°C	W	1300 + 1200 = 2500	
Air flow	m ³ /h	320 to 400	
Sound pressure level at 2m	dB(A)	37 (speed1) / 40 (speed2)	
Refrigerant	/kg	R290/ 0.15	
Standing heat loss	kWh/24hr	1.61	1.77
Air ducting method		Separate inlet and outlet to exterior	
Heat up from cold (10°C)		7hr 15mins	9hr 48mins
Coefficient of performance		3.36	3.30
Dimensions & connections			
Dimensions	mm	630 x H 1460	630 x H 1780
Weight with packaging	kg	70	79
Weight without packaging	kg	56.5	63
Air duct diameter	mm	160	
Max. ducting pressure drop		220Pa at min. air flow rate 320m ³ /hr	
Water connections	Inch	M 3/4"	
Condensate tube	mm	18/24	
Electrical supply		230V 50Hz - 8A	
IP rating		IPX4	
MCB type C	Amp	16	
Hot water cylinder			
Material		Stainless steel	
Insulation		50mm PU foam with PVC outer	
Refrigeration heat exchanger		Double walled separation from potable water	
Max. operating pressure	bar	6	
Max. condensate production	L/h	0.3	
Integrated electric immersion heater	W	1200	
Max. temperature with immersion heater	°C	65	
Approvals			
Water regulations		G3 KIWA approval to EN12897	
T&P valve		Factory fitted	
Accessories		Inlet group, tundish, expansion vessel	
Guarantee (UK)		5 years tank (2 years other parts)	