

# atlantic

Experts in **Electric Heating and Hot Water**



## CALYPSO 2

HEAT PUMP HOT WATER HEATER



**FIND  
OUT  
MORE**

Utilising heat pump technology to provide efficient domestic hot water, the ergonomic Calypso 2 features an upgraded interactive display and direct Wi-Fi connectivity making install, set up and control of the Calypso 2 easy from start to finish.

### WARRANTY

5 years tank

2 years other components



Direct Wi-Fi  
connectivity

PRODUCT DETAILS			
PRODUCT REFERENCE		CALYPSO 2 FS 172L	CALYPSO 2 FS 210L
MODEL CODE		249669	249670
HEAT PUMP PERFORMANCE			
Air operating range (ducted configuration)	°C	-5°C to 43°C	
Air operating range (ambient air configuration)	°C	5°C to 43°C	
Achievable hot water temp via heat pump	°C	62	
Max. Electrical power input (heat pump AND immersion)	W	600 + 1600 = 2200	
Max.Thermal power output from heat pump ONLY at 45°C	W	2500	
Air flow (ducted configuration)	m³/hr	Nominal air flow 400m3/hr to 240m3/hr associated maximum ducting pressure drop 50Pa to 175Pa.	
Sound power level	dB(A)	47	
Refrigerant	/kg	R290/0.15	
Air ducting method		Separate inlet & outlet to exterior	
Coefficient of performance (L profile,7 °C)		3.35	3.37
Energy efficiency ( wh)	%	138	139
Heating time (10°C to 54°C)	hr	6h10	7h08
Standing power input	W	17	17
Maximum usable hot water volume (V40, EN16147(2017))	L	225.5	265.5
Pressure loss during test	Pa	45	40
Airflow during test	m³/hr	289	334
DIMENSIONS AND CONNECTIONS			
Dimensions	mm	1716 x 600 x 650	1906 x 600 x 650
Weight with packaging	kg	69	73.5
Weight without packaging	kg	62	67
Air duct diameter	mm	160	
Max. ducting pressure drop		50Pa @ 400m3/hr	
		175Pa @ 240m3/hr	
Water connections	Inch	3/4"	
Condensate trap & tube	mm	16 int / 20 ext	
Electrical supply	V	220-240V 50Hz +15%/-10%	
IP rating		IPX1B	
RCBO/MCB Type C	Amp	16	
HOT WATER CYLINDER			
Body material		Stainless steel	
Insulation thickness (cylinder body to case)	mm	72	
Maximum water supply pressure	bar	16	
Maximum inlet pressure (pressure regulator)	bar	3.0	
Maximum design pressure (expansion relief pressure)	bar	4.5	
Temperature and pressure relief valve (EN1490)	°C	90	
	bar	6	
Integrated electric immersion	W	1600	
Max temperature with immersion	°C	62	
Overheat thermostat operating temperature	°C	80 ± 5	
Cylinder capacity	L	172	202
Heat loss	W	50	55
	kWhr/24h	1.20	1.31
Expansion vessel size	L	22	
Expansion vessel pre-charge	bar	3	
Approvals		KIWA buildings regulations , KIWA water regulations, WRAS (application in progress)	
Accessories		Ducting connectors and hardware pack	
Guarantee		5 years tank, 2 years other components	