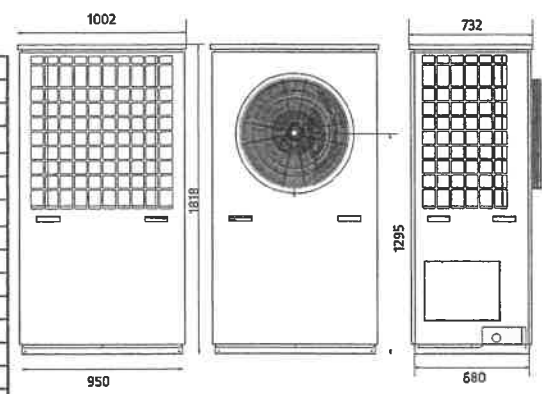




DATASHEET CAERNARFON

Air Source Heat pump

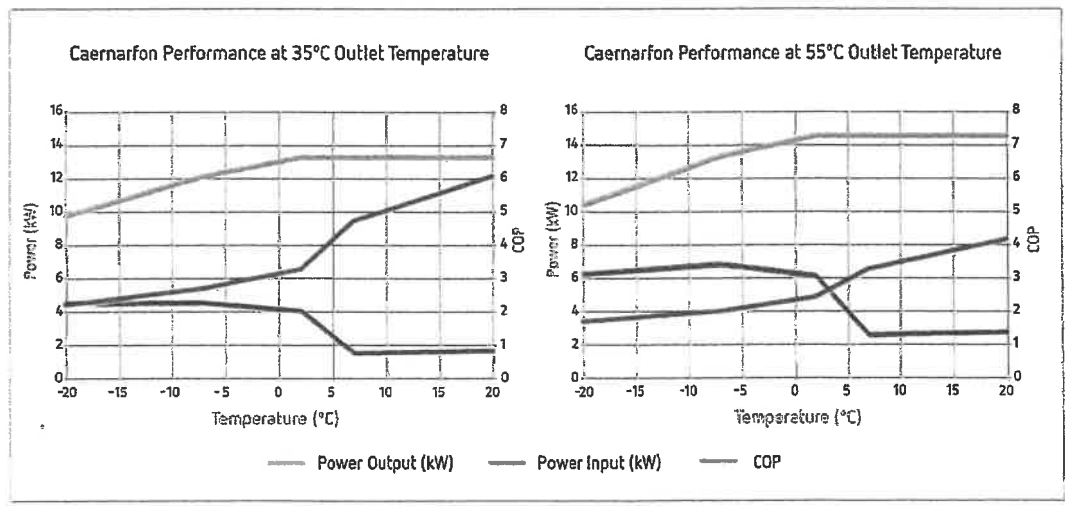
Product Name		Caernarfon
Product Number		CAER410MOD1
Heat Pump Space Heater - 55°C	ErP Rating	A++
	SSHEE ^{*2} (η _s)	127%
	SCOP	3.26
Heat Pump Space Heater - 35°C	ErP Rating	A++
	SSHEE ^{*2} (η _s)	162%
	SCOP	4.11
Heating (Air -3°C/ Water 35°C)	Rated Output (kW)	13.7
	Power Consumption (kW)	4.6
	COP	3.0
Maximum Outlet Temperature (°C)		65
Weight (kg)		230
Heat Pump Voltage / Frequency		230V AC / 50Hz
Max Running Current (A) Compressor / Booster		34 / 27
Max Electrical Power (kW) Compressor / Booster		8.2 / 6.1
Sound Pressure Level @ 1m (dba) * ³		54
Operating Ambient Temperature (°C)		-20 / +30
Maximum Starting Current (A)		14.3



Model	H	W	D
Caernarfon	1818	1002	732

All sizes in mm

*1 - Tested at Outdoor temp 7deg.C DB/ 6deg.C WB, Inlet / Outlet water temp 30/35deg.C as per BS EN 14511.
 *2 - Seasonal Space Heating Energy Efficiency
 *3 - Sound power level is 61.5dBA as tested to BS EN 12102



0.732
1.848
1.052
1.2
3202203

3202203

Technical Data



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Caernarfon 18kW Eco Air Source Heat Pump

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The variable out put of the Caernarfon 8-18kW air source heat pump offers complete heating and domestic hot water solutions for even the largest new build properties. With run costs savings of up to 70% and the Renewable Heat Incentive available to self-builders, the Caernarfon is an ideal solution for new builds.

Able to offer full heating and domestic hot water supply for large, retro fit properties, the Caernarfon is an ideal choice for renovation projects. Through bespoke software, written by

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