



Cartmel Datasheet

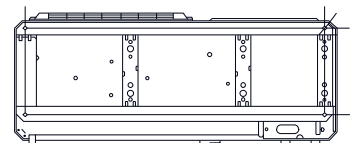
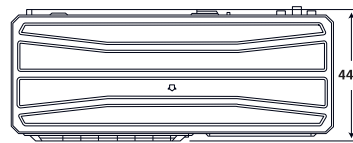
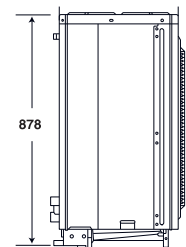
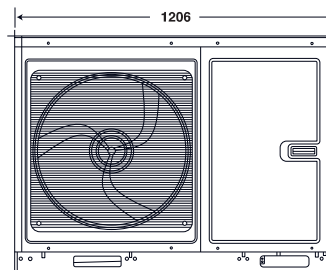
Air Source Heat Pump

Product Name		Cartmel
Product Number		GRS-CQ10Pd/NhG3-E
Heat Pump Space Heater - 55 °C	ErP Rating	A++
	SSHEE* ² (η_h)	135%
	SCOP	3.3
Heat Pump Space Heater - 35 °C	ErP Rating	A+++
	SSHEE* ² (η_h)	176%
	SCOP	4.30
Heat pump Combination Heater - Extra large Profile	ErP Rating	A
	SSHEE* ² (η_h)	123%
Heating (Air -3°C / Water 35°C)	Rated Output (kW)	9.1
	Power Consumption (kW)	3.1
	COP	3.1
Maximum Outlet Temperature (°C)		65
Weight (kg)		150
Heat Pump Voltage / Frequency		230V AC 50Hz
Max Running Current (A) Compressor / Booster		25 / 26
Max Electrical Power (kW) Compressor / Booster		5.8 / 6.0
Sound Pressure Level @ 1m (dba) * ^{1,3}		56
Operating Ambient Temperature (°C)		-20 / +30
Maximum Starting Current (A)		40

*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

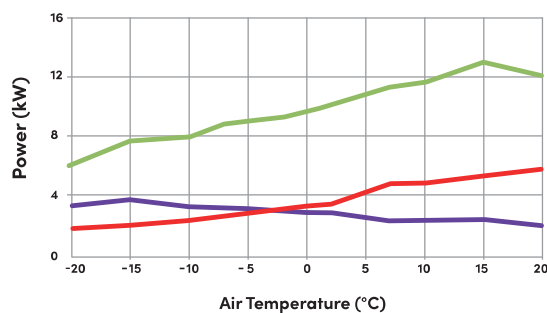
*3 - Sound power level is 68.4dba as tested to BS EN 12102



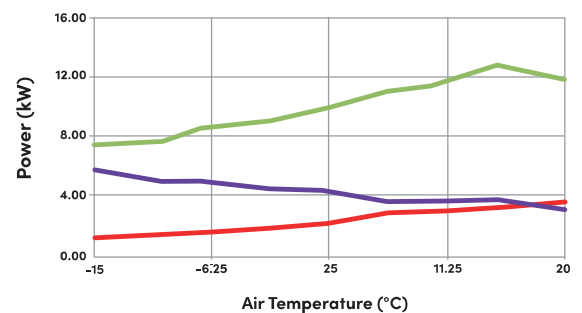
Model	H	W	D
Cartmel	878	1206	445

All sizes in mm

Cartmel Performance at 35°C Outlet Temperature



Cartmel Performance at 55°C Outlet Temperature



— Power Output (kW) — Power Input (kW) — COP