

Specification sheet

4kW Packaged Chiller Hire

Our 4kW packaged chiller is aircooled with scroll compressors and coaxial evaporator.

This unit has a large volume coaxial evaporator, ideal for process operations (4kW-75kW models). It also has a large shell & tube evaporator and 400 litre tank and an excellent EER (energy efficiency ratio) co-efficiencies.

The integral manual bypasses, helps with ease of commissioning. All of our chillers have a Y-strainer which protects each unit and your process from failing.



General Chiller Data:		
Cooling capacity	kW	4.12
Design Conditions	°C	Ambient: 30 / Entering: 12/ Leaving: 7
E.E.R	kW/kW	3.75
Refrigerant Gas	R	410A
Compressor Data:		
Compressor Type	-	Scroll
Number of Compressors	N°	1
Number of Circuits	N°	1
Total Compressors Nominal Absorbed Power	kW	1
Total Compressor Running Current (RLA)	A	4.73
Capacity Steps	N°	1
Evaporator Data:		
Type of Evaporator	Type	Coaxial
Nominal Flow Rate	m3/h	0.71
Pressure Drop	kPa	20.41
Incoming Pressure PRV	Bar	3
System Volume	Ltrs	25
Hydraulic Connections	Type	1" Camlock

Rapid Energy
South Paddock, c/o Wallend Farmhouse,
Lower Road
Sheerness, Kent
ME12 3RR



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Pump Data:		
Integral P3 Pump Included	-	Yes
Axial Fans and Condenser Data:		
Number of Condenser Coils	N°	1
Number of Fans	N°	1
Total Air Flow	m3/h	1800
Total Electrical Data:		
Nominal Absorbed Power	kW	1.66
Maximum Absorbed Current (FLA)	A	10.83
Maximum Starting Current (LRA)	A	27.46
Plug type	-	13a 1ph plug
Electrical feed	V/ph/Hz	230/1/50
Dimensions:		
Length	mm	600
Width	mm	725
Height	mm	1060
Weight:		
Empty Weight	kg	90