



## 4kW Chiller

Process cooling applications: aircooled chiller with scroll compressors and coaxial evaporator



### Key Features

- Large volume coaxial evaporator, ideal for process operations (4kW-75kW models). The 160kW unit has a large shell & tube evaporator and 400 litre tank
- Excellent EER (energy efficiency ratio) co-efficiencies
- Integral manual bypasses, helps with ease of commissioning
- Y-strainer on every unit, protects chillers & your process from fouling
- An entirely packaged unit, can be modified for non-ferrous applications
- Controls are very simple, making set up quick & easy
- Vented or pressurised option as standard – no modifications necessary
- Unit can run off of a domestic standard 13amp plug

### 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	m <sup>3</sup> /h	0.71
Pressure Drop	kPa	20.41
Incoming Pressure PRV	-	3bar
System Volume	Ltrs	25
Hydraulic Connections	-	1" Camlock

\*Please note, information given is indicative and subject to change at any time



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### Pump Data

Integral P3 Pump Included	-	Yes
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### Axial Fans and Condenser Data

Number of Condenser Coils	N°	1
Number of Fans	N°	1
Total Air Flow	m <sup>3</sup> /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
Electical feed	V/ph/Hz	230/1/50

### Dimensions

Length	mm	600
Width	mm	725
Height	mm	1060

### Weight

Empty Weight	kg	90
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### Our Hire fleet also includes:



AHUs



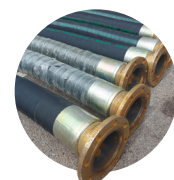
Heat Exchangers



Wide Chiller Range



Glycol



Hoses & Fittings

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