

125kW Aqua Pro Chiller

Process cooling applications: highly efficient air-cooled chiller with low GWP R454B refrigerant, scroll compressors and cleanable evaporator



Key Features

- Large volume, cleanable evaporator, ideal for process operations
- Integral manual bypass, 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
- Built in option of a high-pressure pump
- Controls are very simple, making set up quick & easy
- Vented or pressurised option as standard – no modifications necessary



Excellent EER (Energy Efficiency Ratio)



R454B refrigerant, with a GWP rating of just 466, 78% lower than R410A

General Chiller Data

Cooling capacity	kW	123.16
Design Conditions	°C	Ambient: 30 / Entering: 12/ Leaving: 7
E.E.R	kW/kW	3.34
Refrigerant Gas	R	454B

Compressor Data

Compressor Type	-	Scroll
Number of Compressors	N°	4
Number of Circuits	N°	2
Capacity Steps	N°	4

Evaporator Data

Type of Evaporator	Type	Shell & Tube
Nominal Flow Rate	m ³ /h	21.11
Pressure Drop	kPa	0.31
Incoming Pressure PRV	Bar	6
System Volume	Ltrs	500
Hydraulic Connections	Type	2" Bauer

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

125kW Aqua Pro Chiller

Process cooling applications: highly efficient air-cooled chiller with low GWP R454B refrigerant, scroll compressors and cleanable evaporator

Pump Data

Integral P3 Pump Included	-	Yes
Optional P5 Pump	-	Electrical Feed Included

Axial Fans and Condenser Data

Number of Fans	N°	3
Total Air Flow	m³/h	62000

Total Electrical Data

Nominal Absorbed Power	kW	36.89
Maximum Absorbed Current (FLA)	A	110.74
Maximum Starting Current (LRA)	A	192.00
Plug Type	-	125a 3ph 5pin plug
Electrical Feed	V/ph/Hz	400/3/50 + E (No Neutral)

Dimensions

Length	mm	3430
Width	mm	1735
Height	mm	2355

Weight

Empty Weight	kg	2100
--------------	----	------

Our Hire fleet also includes:



AHUs



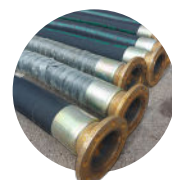
Heat Exchangers



Wide Chiller Range



Glycol



Hoses & Fittings

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