

300kW Aqua Pro Chiller

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



Key Features

- Highly energy efficient, dual circuit, multiple scroll compressors
- Remote pump feed is integral on a panel mounted socket
- Lifting eyes, protective frame and fork pockets as standard
- Integral flow switch so no separate assembly required
- Units have very compact footprint due to V bank design condensers
- Operational temperature range between -10°C up to +20°C



Excellent EER (Energy Efficiency Ratio)



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

General Chiller Data

Cooling capacity	kW	300.00
Design Conditions	°C	Ambient: 30 / Entering: 12/ Leaving: 7
E.E.R	kW/kW	3.17
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	m³/h	68
Pressure Drop	kPa	-
Incoming Pressure PRV	Bar	6
System Volume	Ltrs	200
Hydraulic Connections	Type	4" Flange

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

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Pump Data

Remote P3 Pump	-	Electrical Feed Included
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Axial Fans and Condenser Data

Number of Fans	N°	4
Total Air Flow	m³/h	68.00

Total Electrical Data

Nominal Absorbed Power	kW	86.3
Maximum Absorbed Current (FLA)	A	250
Maximum Starting Current (LRA)	A	390.0
Cable Type	-	Hard Wired
Electrical feed	V/ph/Hz	400/3/50 + E (No Neutral)

Dimensions

Length	mm	3840
Width	mm	2210
Height	mm	2565

Weight

Weight	kg	4130
Empty Weight	kg	3250

Our Hire fleet also includes:



AHUs



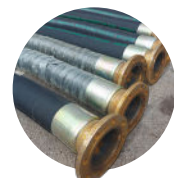
Heat Exchangers



Wide Chiller Range



Glycol



Hoses & Fittings

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