



340kW Aqua Pro Chiller

Process cooling applications: highly efficient air-cooled chiller with low GWP R454b refrigerant, scroll compressors and coaxial evaporator



Key Features

- Highly energy efficient, dual circuit, multiple scroll compressors
- Low GWP refrigerant of R454b
- 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
- Condenser coil protection grid



Excellent EER (Energy Efficiency Ratio)
R454B refrigerant, with a GWP rating of just 466, 78% lower than R410A

General Chiller Data

Cooling Capacity	kW	340.37
Design Conditions	°C	Ambient: 30 / Entering: 12/ Leaving: 7
E.E.R	kW/kW	3.78
Refrigerant Gas	R	454b

Compressor Data

Compressor Type	-	Scroll
Number of Compressors	N°	4
Number of Circuits	N°	2
Total Compressors Nominal Absorbed Power	kW	82.8
Total Compressor Running Current (RLA)	A	134.1
Capacity Steps	N°	4

Evaporator Data

Type of Evaporator	Type	Shell and Tube
Nominal Flow Rate	m ³ /h	58.37
Pressure Drop	kPa	60.37
Incoming Pressure PRV	-	6 bar
System Volume	Ltrs	100
Hydraulic Connections	-	5" Flange

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



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Pump Data

Optional P5 Pump	-	Electrical Feed Included
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Axial Fans and Condenser Data

Number of Condenser Coils	N°	4
Number of Fans	N°	4
Total Air Flow	m ³ /h	82400

Total Electrical Data

Nominal Absorbed Power	kW	133.00
Maximum Absorbed Current (FLA)	A	212.80
Maximum Starting Current (LRA)	A	484.00
Cable Type	-	Hard Wired
Electrical Feed	V/ph/Hz	400/3/50 + E (No Neutral)

Total Electrical Data

Length	mm	2910
Width	mm	2220
Height	mm	2604

Weight

Empty Weight	kg	2960
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