



730kW Aqua Pro Chiller

Multi-scroll series: highly efficient air cooled chiller with scroll compressors & Shell and Tube 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	557.14
Design Conditions	°C	Ambient: 30 / Entering: 12/ Leaving: 7
E.E.R	kW/kW	4.1
Refrigerant Gas	R	454b

Compressor Data

Compressor Type	-	Scroll
Number of Compressors	N°	6
Number of Circuits	N°	2
Total Compressors Nominal Absorbed Power	kW	121.05
Total Compressor Running Current (RLA)	A	196.92
Capacity Steps	N°	4

Evaporator Data

Type of Evaporator	Type	Shell and Tube
Nominal Flow Rate	m ³ /h	95.54
Pressure Drop	kPa	88.43
Incoming Pressure PRV	-	6 bar
System Volume	Ltrs	300
Hydraulic Connections	-	6" 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 Condenser Coils	N°	10
Number of Fans	N°	10
Total Air Flow	m ³ /h	206000

Total Electrical Data

Nominal Absorbed Power	kW	178.24
Maximum Absorbed Current (FLA)	A	586.4
Maximum Starting Current (LRA)	A	613.3
Cable Type	-	Hard Wired
Electrical Feed	V/ph/Hz	400/3/50 + E (No Neutral)

Dimensions

Length	mm	7200
Width	mm	2210
Height	mm	2500

Weight

Empty Weight	kg	5520
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