730kW Aqua Pro Chiller

Multi-scroll series: highly efficient air cooled chiller with scroll compressors & Shell and Tube evaporator
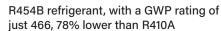

Key Features

- 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	731.4
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	159.84
Total Compressor Running Current (RLA)	A	264.06
Capacity Steps	N°	4

Evaporator Data

Type of Evaporator	Type	Shell and Tube
Nominal Flow Rate	m³/h	125.42
Pressure Drop	kPa	86.00
Incoming Pressure PRV	Bar	6
System Volume	Litres	200
Hydraulic Connections	Type	6" Flange

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

The Temperature Control People.

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Aqua

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Pump Data

Remote P3 Pump	-	Electrical Feed Included

Axial Fans and Condenser Data

Number of Condenser Coils	N°	10
Number of Fans	N°	10
Total Air Flow	m³/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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