Aqua

For 24/7 rental support call
0333 004 4433

560kW 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		
Optional P3 Pump	-	Electrical Feed Included
Maximum Absorbed Current (FLA)	A	26.6

Axial Fans and Condenser Data		
Number of Condenser Coils	N°	8
Number of Fans	N°	8
Total Air Flow	m^3/h	164800

Total Electrical Data		
Nominal Absorbed Power	kW	246.80
Maximum Absorbed Current (FLA)	A	410.4
Maximum Starting Current (LRA)	A	673
Cable Type	-	Hard Wired
Electrical Feed	V/ph/Hz	400/3/50 + E (No Neutral)

Total Electrical Data		
Length	mm	5920
Width	mm	2220
Height	mm	2604

Weight		
Empty Weight	kg	4800

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