

SCAN ME



160kw Chiller

- The integral thermal buffer tank of the 160kW Chiller provides a temperature control band for your process or HVAC system.
- This chiller provides a broad temperature range from -10°C to 15°C for the water's departure.
- In addition, the unit is equipped with an integral process pump and quick-release water and power connections for rapid startup.



PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	160
Operation Fluid Temperature IN/OUT	°C	12/7
Design Ambient Temperature	°C	30
Fluid Flow Min/Max	m ³ /hr	12.5/56
	l/s	3.47/15.56

OPERATING LIMITS

Min/Max Ambient Temperature	°C	-5/46
Min/Max Leaving Fluid Temperature	°C	-12/15
Evaporator Pressure Drop	kPa	53
Max Working Pressure	BAR	6
Evaporator Water Volume	l	678

ELECTRICAL DATA

Electrical Supply Voltage 3 phase	V	400
Chiller Power Connections		125amp C Forme 5 pin Plug
Max Power Absorbed	kW	71 (64.3 Nominal)
Max Current Absorbed	A	119 (109 Nominal)
Starting Current (Max)	A	224.5
Recommended Generator Set	kVA	100
Control System		Dixell

REFRIGERANT SYSTEM

Maneuroppe Scroll Compressors (2 circuits) (25-100% Capacity)		4
Refrigerant (Zero ozone deletion potential)	HFC	R410A

FANS

Total Number	1.2kW each	3
Total Airflow	m ³ /hr	6390

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	77.2
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PHYSICAL DATA WITH FRAME

Overall Length	mm	4000
Overall Width	mm	1,270
Overall Height	mm	2151
Weight Dry	kg	1585 (+ 678 Wet Weight)
Fluid Coupling Size	mm/inch	100/4

We're here to help
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