



135 KW CHILLER

OVERVIEW

- Integral thermal buffer tank.
- Wide temperature range of -10°C to 15°C
- Integral process pump together with quick-release water and power connections for a fast start-up.

PERFORMANCE DATA AND DESIGN CONDITIONS

Cooling Capacity	KW	135
Operation Fluid Temperature IN/OUT	°C	12/7
Design Ambient Temperature	°C	30
Fluid Flow Min/Max	m3/hr	22.3/48.0

OPERATING LIMITS

Min/Max Ambient Temperature	°C	-18/43
Min/Max Leaving Fluid Temperature	°C	-10/15
Evaporator Pressure Drop	kPa	41
Max Working Pressure	BAR	6
Evaporator Water Volume	l	500

ELECTRICAL DATA

Electrical supply voltage	V	400
Chiller Power Connections		125amp C Forme 5 pin Plug
Max Power Absorbed	kW	43
Max Current Absorbed	A	98 (75 Nominal)
Starting Current (Max)	A	170
Recommended Generator Set	kVA	100
Control System		Dixell

REFRIGERANT SYSTEM

Maneurop Scroll Compressors (2 circuits) (25-100% Capacity)		2
Refrigerant (Zero ozone deletion potential)	HFC	R407C / 410A

FANS

Total Number	1.2kW each	2
Total Airflow	m3/hr	42.0

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	53.6
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PHYSICAL DATA

Overall Length	mm	3,300	3,800
Overall Width	mm	1,275	1,330
Overall Height	mm	2,200	2,300
Weight	kg	1,300	1,800
Fluid Coupling Size	mm/inch	2" Bauer	-

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