



TECHNICAL SPECIFICATION FOR: 125KW CHILLER

OVERVIEW

- ✔ Integral 3bar pump
- ✔ Small, compact footprint
- ✔ Shell and tube evaporator immersed in a high volume buffer tank



DESCRIPTION

Celsius Hire 125KW CHILLER is a compact, small footprint unit, selected due to its flexibility and handling across a variety of applications.

The chillers benefit from an integral circulation pump and a packaged evaporator immersed in a high volume buffer tank, enabling steady water/glycol temperatures as a result of increased volume. With a large temperature range of -15°C to +25°C, and Eurovent compliant design enabling great efficiencies even in high ambient temperatures, the Celsius Hire 125KW chiller is a safe bet, no matter the application.

CELSIUS HIRE

Call for your rental on:
0800 702 2161

Visit us at:
www.celsiushire.com

Email us at:
info@celsiushire.com



All data is subject to change and continuous improvement without notice. All equipment is designed to relevant mechanical and electrical directives

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Company No: 12763272

PERFORMANCE DATA AT DESIGN CONDITIONS

DESIGN CONDITIONS	°C	7°C Supply / 12°C Return / 30°C Ambient
COOLING CAPACITY	KW	125
FLUID FLOW	L/S	6.0

OPERATING LIMITS

MIN/MAX SUPPLY TEMPERATURE	°C	-15 / +20
MIN/MAX AMBIENT TEMPERATURE	°C	-10 / +45
MIN/MAX FLUID FLOW	L/S	4.0/8.0
MAX PUMP DELIVERY PRESSURE	Bar	2.8
CHILLER WATER VOLUME	L	500
MAX WORKING PRESSURE	Bar	6.0

ELECTRICAL DATA

ELECTRICAL SUPPLY VOLTAGE	V	410
SUPPLY		3Ph & E, No Neutral
POWER CONNECTIONS	Fitted Plug	125A 3Ph 5pin CEE-FORM
FULL LOAD RUNNING CURRENT (MAX)	A	114
START-UP CURRENT (MAX)	A	180
MAX POWER ABSORBED	KW	44

PHYSICAL DATA

LENGTH	mm	3,850
WIDTH	mm	1,550
HEIGHT	mm	2,100
WEIGHT (DRY)	KG	1,600
WEIGHT (WET)	KG	2,100
FLUID COUPLING SIZE	mm	50
SOUND PRESSURE	dB(A) at 10 metres	62.3

COOLING SYSTEM DATA

REFRIGERANT GAS	HFC	R410A
REFRIGERANT QUANTITY	Kg (Total)	48KG
NUMBER OF CIRCUITS	Total	2
NUMBER OF COMPRESSORS	Total	4
NUMBER OF FANS	Total	4
FAN TYPE		Axial
FANS AIRFLOW	m3/hr	34,000

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