



TECHNICAL SPECIFICATION FOR:

120KW LOW TEMP CHILLER

OVERVIEW

- ✔ Selected with external buffer tank and pump set to enable close capacity control
- ✔ Water/glycol temperatures down to -40deg°C
- ✔ Ideal for process cooling or freezer room applications



DESCRIPTION

Celsius Hire 120KW Low Temp Chiller is a water cooled chiller and uses the latest technology screw compressors to offer water/glycol temperatures as low as -40°C. Being a water cooled chiller, Celsius Hire specify this equipment with a temporary dry air cooler to create a condenser water loop, or connect onto an existing one on site.

This wide temperature range allows use for process cooling solutions requiring lower temperatures, in addition to being used alongside Celsius Hire's range of fan coil units to provide temporary solutions in industrial freezer rooms.

CELSIUS HIRE

Call for your rental on:

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PERFORMANCE DATA AT DESIGN CONDITIONS

DESIGN CONDITIONS	°C	-25°C Supply / -20degC°C Return / 30°C Ambient
COOLING CAPACITY	KW	120KW
FLUID FLOW	L/S	10.0

OPERATING LIMITS

MIN/MAX SUPPLY TEMPERATURE	°C	-40 / -10
MIN/MAX AMBIENT TEMPERATURE	°C	-10 / +35
MIN/MAX FLUID FLOW	L/S	2.0/14.0
CHILLER WATER VOLUME	L	300
MAX WORKING PRESSURE	Bar	10.0

ELECTRICAL DATA

ELECTRICAL SUPPLY VOLTAGE	V	410
SUPPLY		3Ph & E, No Neutral
POWER CONNECTIONS		Isolator - Lugged Cable
FULL LOAD RUNNING CURRENT (MAX)	A	175
MAX POWER ABSORBED	KW	63

PHYSICAL DATA

LENGTH	mm	3,030
WIDTH	mm	2,440
HEIGHT	mm	2,595
WEIGHT (DRY)	KG	3,690
WEIGHT (WET)	KG	3,960
FLUID COUPLING SIZE	mm	100



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