

TECHNICAL SPECIFICATION FOR:

50KW LOW TEMPERATURE FAN COIL

OVERVIEW

- ❖ Robust design for industrial environments
- ❖ Return air temperature control with 3-way valve assembly



DESCRIPTION

Celsius Hire 50KW LOW TEMPERATURE FAN COIL is a powerful and diverse unit with a huge temperature range, as low as -20°C air off temperatures. The unit requires a chilled water/glycol source to its coil, and this can be done by coupling with a Celsius Hire Chiller or Boiler or connecting to an existing system.

The unit is equipped with defrost elements in the coil, tray and fan enclosure. This, coupled with a bespoke designed control panel and 3-way valve assembly, allows for intelligent automatic defrost cycles.

Enclosed within a galvanised protection frame and supplied with quick release couplers and commando plug electrical connections, this unit is designed with the rental market in mind and allows for fast installation times.

CELSIUS HIRE

Call for your rental on:

0800 702 2161

Visit it 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

COOLING CAPACITY	KW	50
AIR OFF TEMPERATURE	°C	0
AIR ON TEMPERATURE	°C	4
WATER/GLYCOL MIX IN/OUT	°C	-8 / -4

OPERATING LIMITS

AIR OFF TEMPERATURE RANGE MIN/MAX	°C	-20 / 60
FLUID DESIGN FLOW RATE	L/S	3.5
FLUID PRESSURE DROP	kPa	65
MAX WORKING PRESSURE	Bar	10
COIL WATER VOLUME	L	100
CONDENSATE PUMP INCLUDED	Y/N	N

ELECTRICAL DATA

ELECTRICAL SUPPLY VOLTAGE	V	410
SUPPLY		3-Phase & E (No Neutral)
POWER CONNECTIONS	Fitted Plug	32A 3Ph 5pin BS4343
FULL LOAD RUNNING CURRENT (MAX)	A	24
MAX POWER ABSORBED	KW	17

AIR LIMITS

TOTAL NUMBER FANS	No.	2
AIRFLOW	M ³ /hr	23,000
MAX AIR THROW	Metres	35

PHYSICAL DATA

LENGTH	mm	3250
DEPTH	mm	1240
HEIGHT	mm	1680
WEIGHT (DRY)	KG	685
WEIGHT (WET)	KG	785
FLUID COUPLING SIZE	mm	50
SOUND PRESSURE	dB(A) at 3 metres	75

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