



70KW CHILLER

OVERVIEW

- Integral 3bar pump
- Non-ferrous water circuit
- Shell and tube evaporator immersed in a high volume buffer tank

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PERFORMANCE DATA AND DESIGN CONDITIONS

Design conditions	°C	7 °C Supply / 12 °C Return / 30°C Ambient
Cooling capacity	KW	70
Design fluid flow	L/S	3.4

OPERATING LIMITS

Min/max fluid leaving temperature	°C	-15 / +20
Min/max ambient temperature	°C	-10 / +45
Min/ max fluid flow	L/S	2.5 / 5.0
Max pump delivery pressure	L/S	2.8
Chiller water volume	L	250
Max working pressure	Bar	6.0

ELECTRICAL DATA

Electrical supply voltage	V	410
Supply		3Ph & E, No Neutral
Power connections	Fitted plug	63A 3Ph 5 pin CEE-Form
Full load running current (max)	A	62
Start-up current (max)	A	100
Max power absorbed	KW	23

PHYSICAL DATA

Length	mm	2,460
Width	mm	1,050
Height	mm	1,980
Weight (dry)	KG	1,100
Weight (wet)	KG	1,350
Fluid coupling size	mm	50
Sound pressure	dB(A) at 10 metres	56.9

COOLING SYSTEM DATA

Refrigerant gas	HFC	R410A
Refrigerant quantity	Kg (Total)	25KG
Number of circuits	Total	1
Number of compressors	Total	2
Number of fans	Total	3
Fan type		Axial
Fans overflow	m3/hr	19,500