

Project :
Created By :

Customer Input

Selected Model / Type : UAM80C3F / Fixed Speed Scroll Chiller Version C
Ambient Temperature : 30.0 °C Frequency : 50 Hz
Chilled Water : EWT 11.00 °C Voltage : 380-415 V
LWT 8.00 °C Country of Origin : Malaysia

Generated Outputs

Full Load Performance			Nominal Data (AHRI Standard)		Input Conditions		
Cooling Capacity	:		#NUM!		80.00		TR
			#NUM!		281.4		kW
Current	:	Compressor	-		150		A
		Fan	18		18		A
		Total	0		168		A
Power Input	:	Compressor	#VALUE!		83.34		kW
		Fan	12.00		12.00		kW
		Total	#NUM!		95.34		kW
COP	:		#VALUE!		2.951		kW/kW
Flow Rate	:		#VALUE!		53.87		m³/h
Pressure Drop	:		#VALUE!		43.8		kPa
Note	:	1. Nominal data is based on the AHRI (551/591) standard condition of EWT/LWT of 12.00/7.00°C, and ambient temperature of 35.0°C.					

Part Load Performance

IPLV	:		-								kW/kW
Point	:		-	-	-	-	-	-	-	-	
Corresponding Capacity	:		-	-	-	-	-	-	-	-	%
Total Cooling Capacity	:		-	-	-	-	-	-	-	-	TR
Total Cooling Capacity	:		-	-	-	-	-	-	-	-	kW
Total Power Input	:		-	-	-	-	-	-	-	-	kW
Total Current	:		-	-	-	-	-	-	-	-	A
COP	:		-	-	-	-	-	-	-	-	kW/kW
Ambient Temperature	:		-	-	-	-	-	-	-	-	°C
EEWT	:		-	-	-	-	-	-	-	-	°C
ELWT	:		-	-	-	-	-	-	-	-	°C
Flow Rate	:		-	-	-	-	-	-	-	-	m ³ /h
Pressure Drop	:		-	-	-	-	-	-	-	-	kPa

Others

MCA	:		223								A
No. of Refrigerant Circuit	:		2								-
Refrigerant Type	:		R410A								-
Refrigerant Charge	:	System 1/2	25.0 / 25.0								kg/System
Chiller Dimension	:	W / D / H	2237 / 3263 / 2156								mm
Weight	:	Shipping	2917								kg
		Operating	3039								kg

Evaporator

Type	:		S&T								-
Inlet/Outlet Diameter	:		5" Victaulic Joint								-
Flow Rate	:	Min / Max	15.00 / 56.70								m ³ /h
Pressure Drop	:	Min / Max	5.00 / 47.0								kPa

Compressor

Quantity	:	System 1/2	2 / 2								-
Type	:		Hermetic-sealed (Scroll)								-
Oil Charge	:	System 1/2	13.4 / 13.4								L/System

Condenser

Coil	:										-
Tube	:	Type	Copper								-
Fin	:	Type	Aluminium								-
Surface Area/ Coil	:		11.52								m ² /Coil
Fan	:										-
Type/ Drive	:		Axial / Direct								-
Quantity per System	:		3								-

Certified in accordance with the AHRI Air-Cooled Water-Chilling Packages Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Certified Units may be found in the AHRI Directory at www.ahridirectory.org



Note : For any enquiry, please contact your authorized sales agent.

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Page : 1/2