

Condensing Unit

Technical Data Sheet

Model CMX16TBa_N
Voltage 220-240V 50Hz~1
Refrigerant R404A

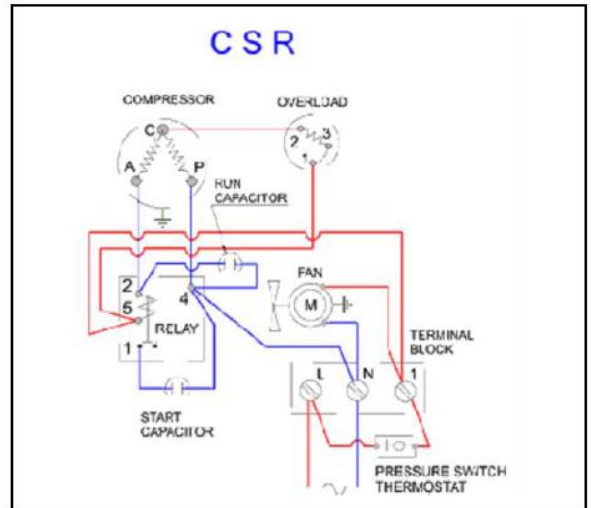
APPLICATION		COMPRESSOR		MOTOR	
Application	High Back Pressure	Displacement	16,03 cm ³	Approximate Power	7/8 hp
Refrigerant	R404A	Diameter	32,60 mm	Voltage/Frequency	220-240V 50Hz
Evaporating temp.	-25°C to 10°C	Stroke	19,20 mm	Voltage range	187-255 V
Expansion	Capillar / Valve	Oil type	ISO VG 32 ESTER	Type	CSR
Max. ambient temp.	43,00°C	Oil charge	500 cm ³	Phase number	1 PH
				Locked rotor current	34,50 A

NOMINAL PERFORMANCE	ASHRAE
Cooling Capacity (W)	2216
COP (W/W)	1.92
EER (kcal/Wh)	1.64
Input Power (W)	1157
Current (A)	5.01

TEST CYCLE CONDITIONS	HBP (D)
Evaporating temp. (°C)	7,2
Condensing temp. (°C)	55
Liquid temp. (°C)	46
Ambient temp. (°C)	35
Suction temp. (°C)	35
Tens/Freq (V/Hz)	220V 50Hz

CONDENSER DATA	
Condenser type	CU-AL
Condenser model	16T 4R (33)
Fan Blade (Ø [mm] / °)	300 / 27
Fan motor	34/37W 230V 50/60Hz

ELECTRICAL DIAGRAM



REFRIGERATION CAPACITY (W)									
Evaporating Temperature (°C)									
Model	Motor	Evaporating Temperature (°C)				7.2			10
		-25	-15	-5	5	W	Winp	A	
CMX16TBa_N	CSR	-	1074	1536	2084	2216	1157	5.01	2390

Ashrae HBP: Condensing temperature: 55°C, Liquid temperature: 46°C, Suction temperature: 35°C, Ambient temperature: 35°C

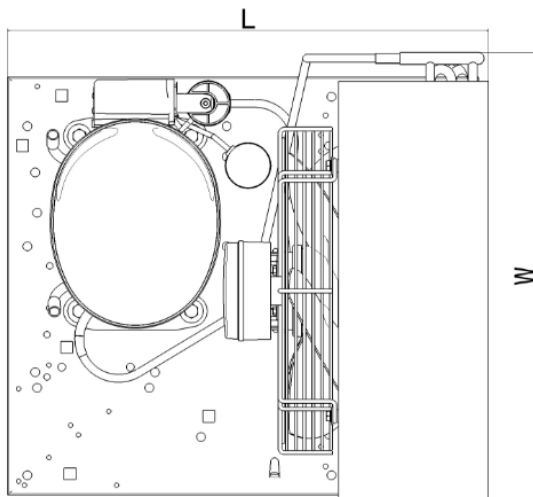
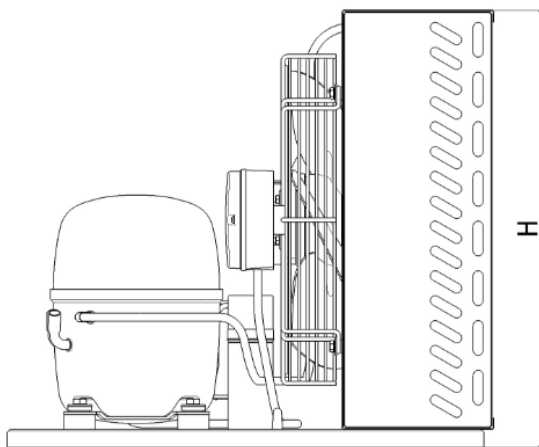
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VERSIONS

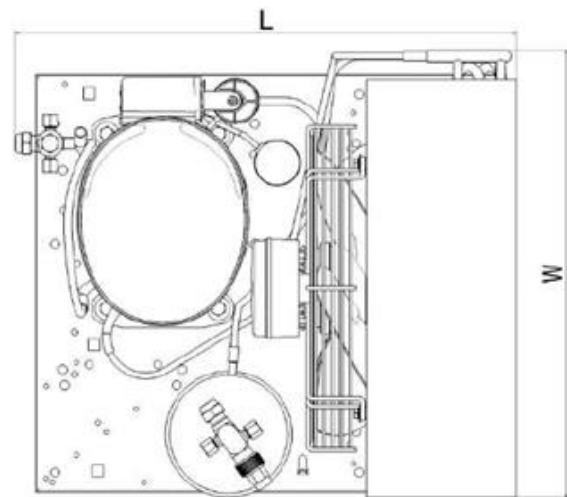
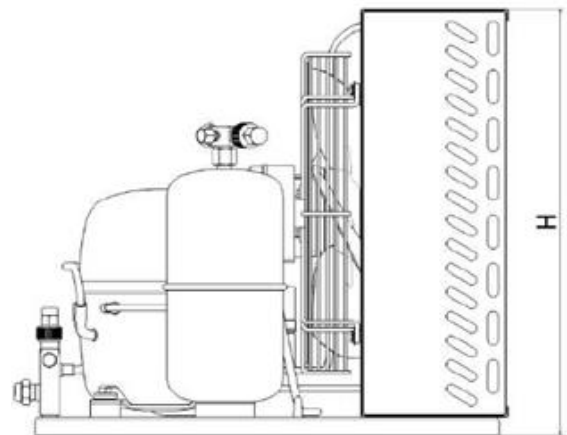
VERSION 1	VERSION 3				
Tube	Service valve and receiver				
Suction tube internal diam.: 9.7mm	Receiver vol.: 2,4l				
Discharge tube internal diam.: 6.5mm	Suction valve: 3/8"				
	Discharge valve: 3/8"				

DIMENSIONS

VERSION 1-4



VERSION 3



MODEL	W x L x H (mm)
Version 1	460 x 490 x 440
Version 3	460 x 505 x 440