

Condensing Unit

Technical Data Sheet

Model CMLT12RA1N
Voltage 220-240V 50Hz ~1
Refrigerant R404A

APPLICATION

Application	High-Medium Back Pressure
Refrigerant	R404A
Evaporating temp.	-25°C to 10°C
Expansion	Capillar / Valve
Comp. Cooling	Fan cooled
Max. ambient temp.	43,00°C

COMPRESSOR

Displacement	10,70 cm ³
Diameter	25,40 mm
Stroke	21,11 mm
Oil type	ISO VG 32 ESTER
Oil charge	400 cm ³

MOTOR

Approximate Power	3/8 hp
Voltage/Frequency	220-240V 50Hz
Voltage range	198-255 V
Type	CSR
Phase number	1 PH
Locked rotor current	18,50 A

NOMINAL PERFORMANCE

ASHRAE

Cooling Capacity (W)	1813
COP (W/W)	2.55
EER (kcal/Wh)	2.18
Input Power (W)	712
Current (A)	2.91

TEST CYCLE CONDITIONS

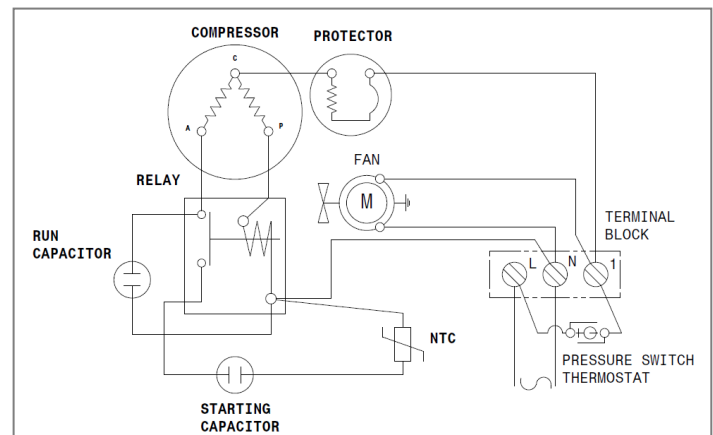
HMBP (B)

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	8T 4R
Fan Blade (Ø [mm]) / °)	200 / 28
Fan motor	5W 230V 50/60Hz

ELECTRICAL DIAGRAM



PERFORMANCES

REFRIGERATION CAPACITY (W)									
Evaporating Temperature (°C)									
Model	Motor	7.2				10			
		-25	-15	-5	5	W	W _{inp}	A	
CMLT12RA1N	CSR	552	850	1229	1699	1813	712	2.91	1967

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

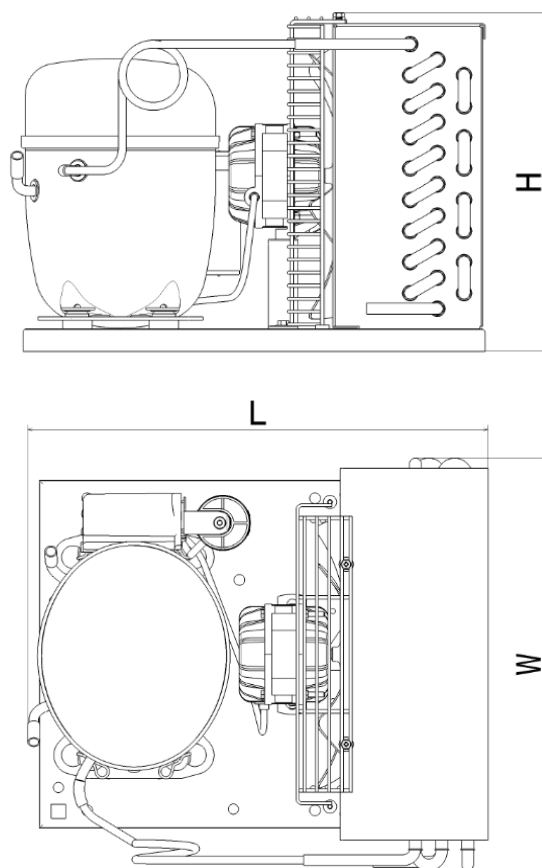
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VERSIONS

VERSION 1				
Tube				
Suction tube internal diam.: 8,1mm				
Discharge tube internal diam.: 6,5mm				

DIMENSIONS

VERSION 1



MODEL	W x H x L (mm)
Version 1	345 x 385 x 275