

Condensing Unit Technical Data Sheet

Model CMS26TG_N
Voltage 200-220/230V 50/60Hz ~1
Refrigerant R404A

APPLICATION

Application High-Medium Back Pressure
Refrigerant R404A
Evaporating Temp. -25,0 °C to 10,0 °C
Expansion Capillar/Valve
Comp. Cooling Fan cooled
Max. ambient temp. 43,0 °C

COMPRESSOR

Displacement 25,93 cm³
Diameter 39,98 mm
Stroke 20,65 mm
Oil type ISO VG 46 ESTER
Oil charge 887 cm³

MOTOR

Nominal Power 1 3/8 hp
Voltage/Frequency 230V 60Hz
Voltage range 196-253 V
Type CSR
Phase number 1 PH
Locked Rotor Amps (LRA) 43,00 A
Max. Cont. Current (MCC) 13,00 A
Main W. resist. at 25°C 1,20 Ω
Start W. resist. at 25°C 3,93 Ω

NOMINAL PERFORMANCE

ASHRAE

Cooling Capacity	4.255 W
COP	1,97 W/W
EER	1,69 kCal/Wh
Input Power	2.159 W
Current	8,82 A

TEST CYCLE CONDITIONS

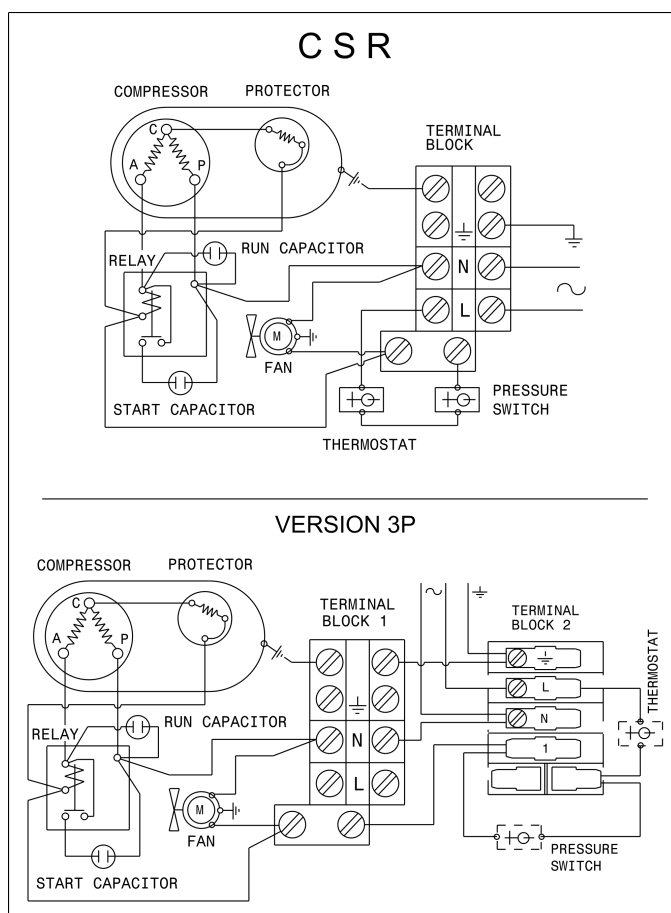
HMBP

Evaporating temp. (T _e)	7,2 °C
Condensing temp. (T _c)	55,0 °C
Liquid temp. (T _{liq.})	46,0 °C
Ambient temp. (T _{amb.})	35,0 °C
Suction temp. (T _{suction})	35,0 °C
Voltage/Frequency	230 V 60 Hz

CONDENSER AND FAN DATA

Condenser type	CU-AL
Condenser model	16T 4R
Fan blade (Ø mm / °)	350 / 23
Fan motor	130W 230V 50/60Hz

WIRING DIAGRAM



REFRIGERATION CAPACITY (W)

Evaporating Temperature (°C)

Model	Motor	-25	-15	-5	5	7.2			10
						W	Winp	A	
CMS26TG_N	CSR	1384	2168	3060	4058	4255	2159	8.82	4598

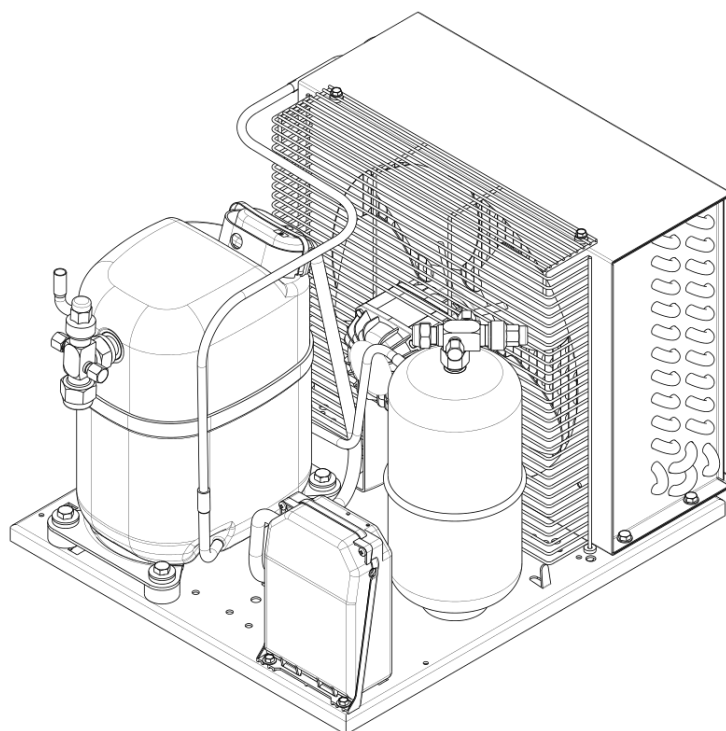
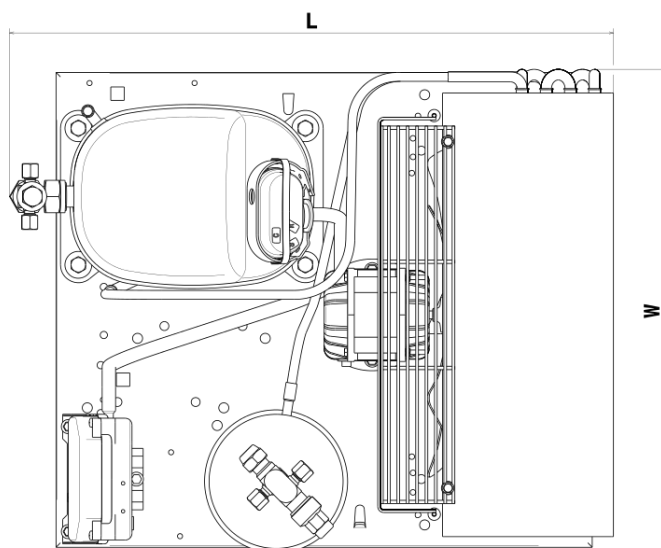
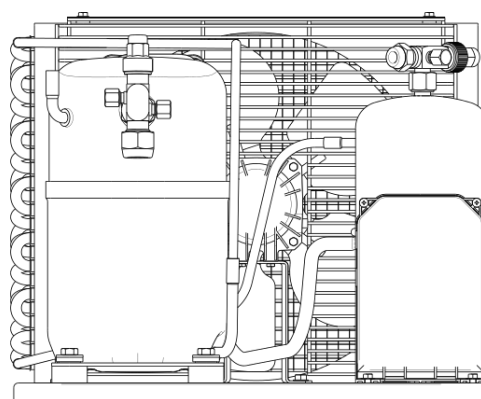
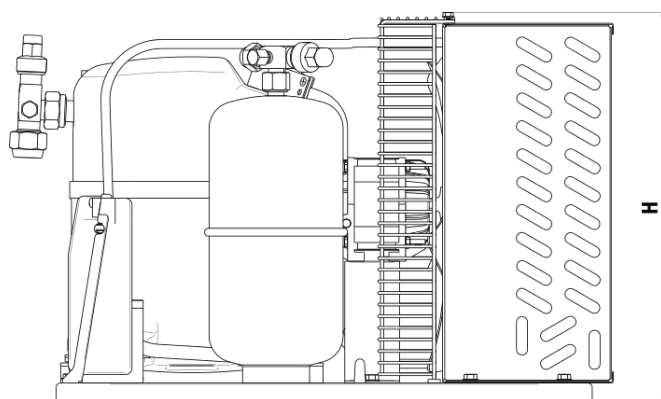
ASHRAE HMBP: Consending temperature: 55°C, Liquid temperature: 46°C, Suction temperature: 35°C, Ambient temperature: 35°C

Condensing Unit Technical Data Sheet

VERSIONS

VERSION 1	VERSION 2	VERSION 3	VERSION 3P	VERSION 4
Tube	Service valve	Service valve and receiver	Service valve, receiver, pressure switch	Schrader valve on the service port
Suction tube internal diam.: 12,7 mm	Suction valve: 5/8"	Receiver vol.: 2,4 l	Receiver vol.: 2,4 l	Suction tube internal diam.: 12,7 mm
Discharge tube internal diam.: 8,0 mm	Discharge valve: 3/8"	Suction valve: 5/8"	Suction valve: 5/8"	Discharge tube internal diam.: 8,0 mm
Net Weight: 42,1 Kg	Net Weight: 43,1 Kg	Discharge valve: 3/8"	Discharge valve: 3/8"	Net Weight: 42,1 Kg
		Net Weight: 44,6 Kg	Net Weight: 45,7 Kg	

DIMENSIONS (Version 3 drawing)



VERSION 1-4 (WxLxH) (mm)	VERSION 2 (WxLxH) (mm)	VERSION 3 (WxLxH) (mm)	VERSION 3P (WxLxH) (mm)
465x485x440	465x520x440	465x520x440	465x520x440