

Condensing Unit

Technical Data Sheet

Model CGS26TB_N
Voltage 220-240V 50Hz ~1
Refrigerant R134a

APPLICATION

Application High-Medium Back Pressure
Refrigerant R134a
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 3/4 hp
Voltage/Frequency 220-240V 50Hz
Voltage range 187-255 V
Type CSIR
Phase number 1 PH
Locked Rotor Amps (LRA) 32,00 A
Max. Cont. Current (MCC) 8,70 A
Main W. resist. at 25°C 2,39 Ω
Start W. resist. at 25°C 16,00 Ω

NOMINAL PERFORMANCE

Cooling Capacity	2.335 W
COP	2,08 W/W
EER	1,78 kCal/Wh
Input Power	1.125 W
Current	6,01 A

ASHRAE

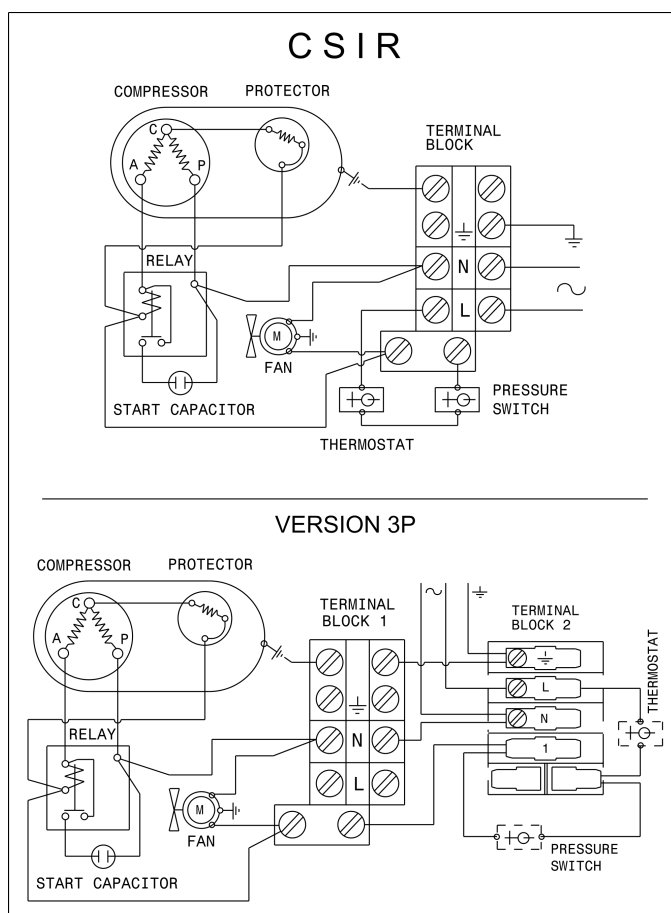
TEST CYCLE CONDITIONS

	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	220 V 50 Hz

CONDENSER AND FAN DATA

Condenser type	CU-AL
Condenser model	12T 3R
Fan blade (Ø mm / °)	300 / 19
Fan motor	25W 220-240V 50/60Hz

WIRING DIAGRAM



REFRIGERATION CAPACITY (W)

Evaporating Temperature (°C)

Model	Motor	-25	-15	-5	5	7.2			10
						W	Winp	A	
CGS26TB_N	CSIR	524	989	1542	2182	2335	1125	6.01	2535

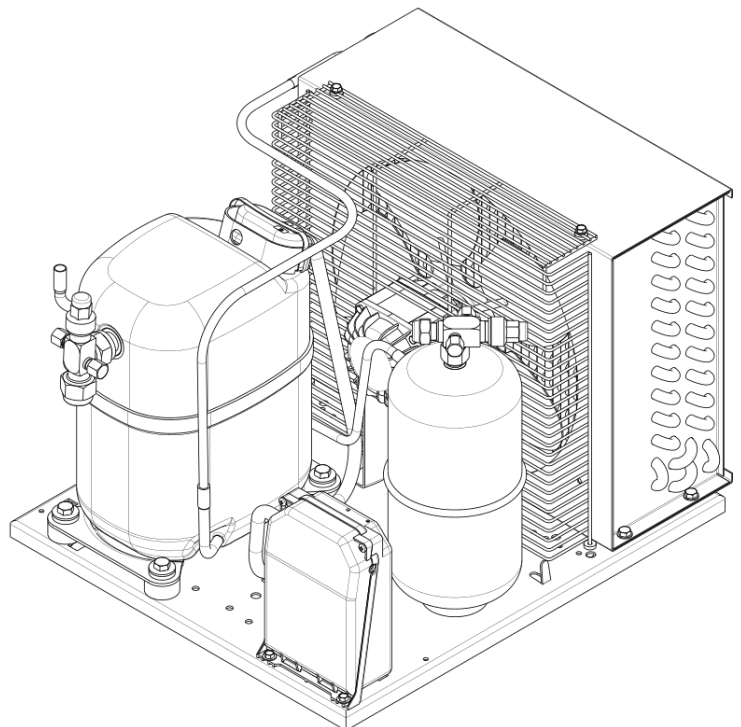
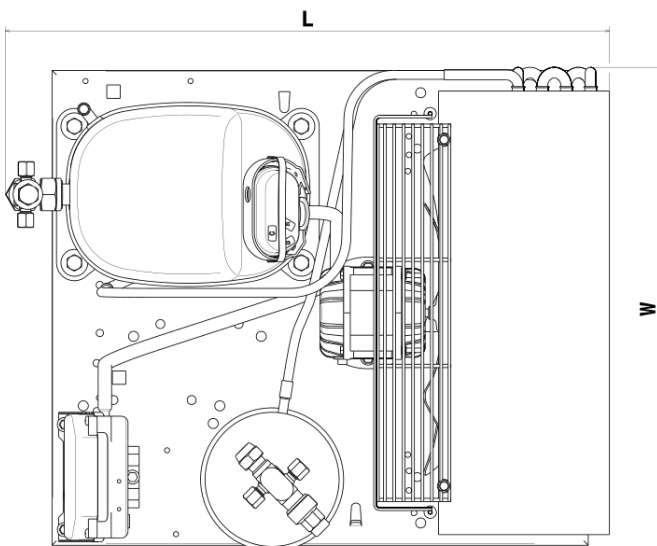
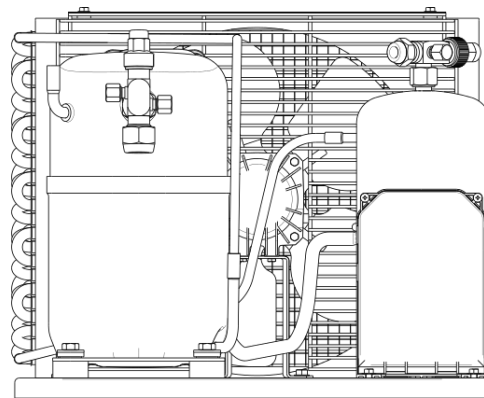
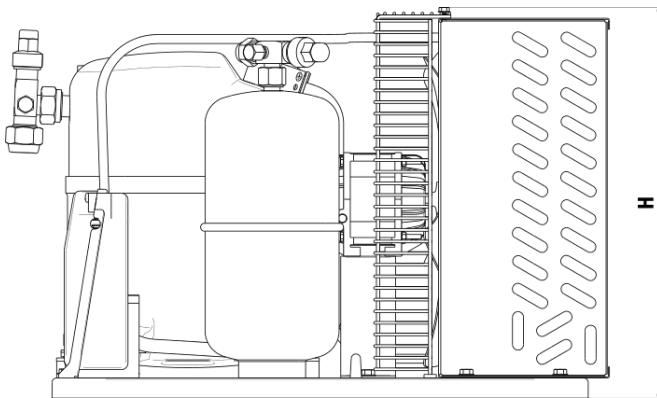
ASHRAE HMBP: Consending temperature: 55°C, Liquid temperature: 46°C, Suction temperature: 35°C, Ambient temperature: 35°C

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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 Discharge tube internal diam.: 8,0 mm Net Weight: 33,5 Kg	Suction valve: 5/8" Discharge valve: 3/8" Net Weight: 34,5 Kg	Receiver vol.: 2,4 l Suction valve: 5/8" Discharge valve: 3/8" Net Weight: 36,0 Kg	Receiver vol.: 2,4 l Suction valve: 5/8" Discharge valve: 3/8" Net Weight: 37,1 Kg	Suction tube internal diam.: 12,7 mm Discharge tube internal diam.: 8,0 mm Net Weight: 33,5 Kg

DIMENSIONS (Version 3 drawing)



VERSION 1-4 (WxLxH) (mm)	VERSION 2 (WxLxH) (mm)	VERSION 3 (WxLxH) (mm)	VERSION 3P (WxLxH) (mm)
435x480x350	435x515x350	435x515x350	435x510x350