

Condensing Unit

Technical Data Sheet

Model CGS26TG_M
Voltage 200-220/220-230V 50/60Hz ~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. 38,0 °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 220-230V 60Hz
 Voltage range 187-253 V
 Type CSIR
 Phase number 1 PH
 Locked Rotor Amps (LRA) 35,00 A
 Max. Cont. Current (MCC) 10,50 A
 Main W. resist. at 25°C 1,68 Ω
 Start W. resist. at 25°C 14,89 Ω

NOMINAL PERFORMANCE

ASHRAE

Cooling Capacity	2.828 W
COP	2,07 W/W
EER	1,78 kCal/Wh
Input Power	1.368 W
Current	7,04 A

TEST CYCLE CONDITIONS

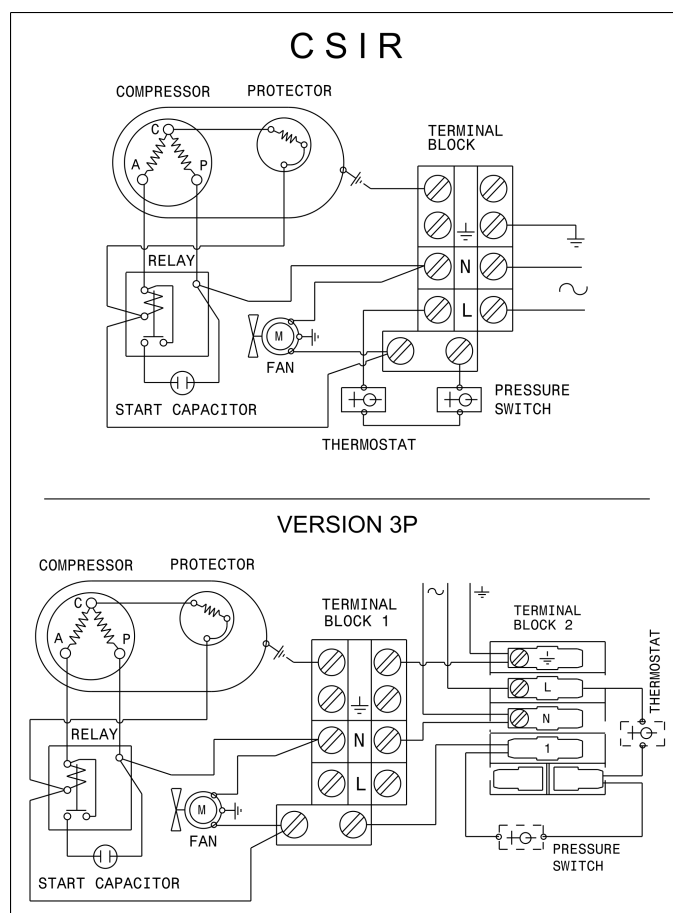
HMBP

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	12T 4R
Fan blade (Ø mm / °)	300 / 19
Fan motor	25W 220V 50/60Hz

WIRING DIAGRAM



REFRIGERATION CAPACITY (W)

Evaporating Temperature (°C)

Model	Motor	-25	-15	-5	5	7.2			10
						W	Winp	A	
CGS26TG_M	CSIR	652	1177	1838	2635	2828	1368	7.04	3084

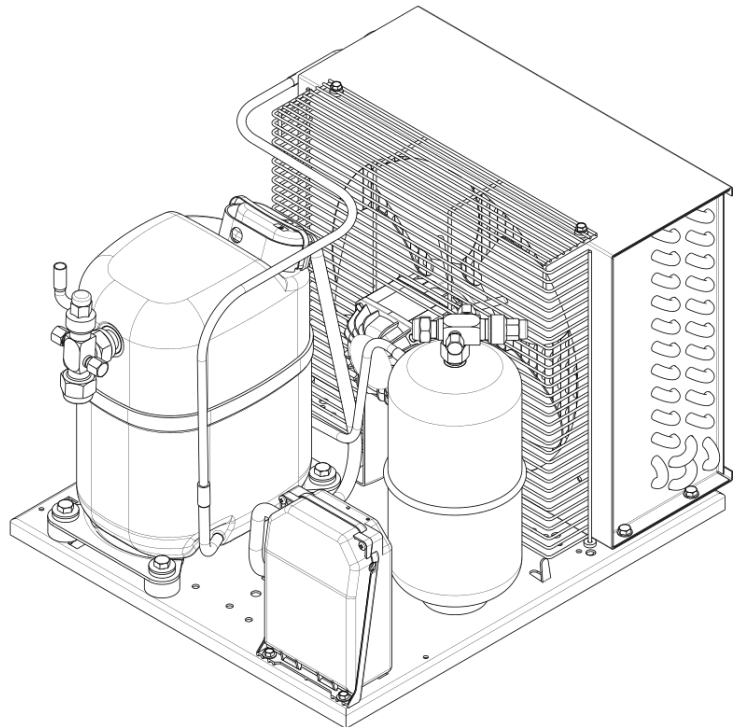
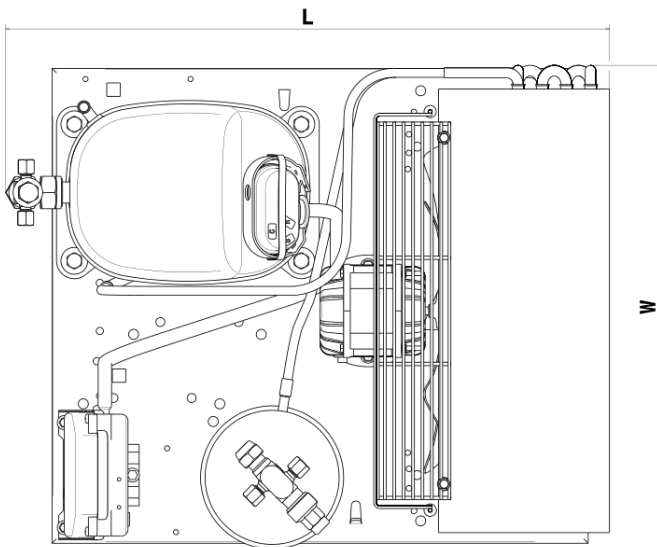
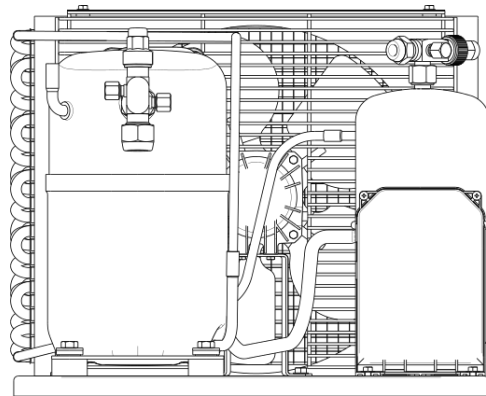
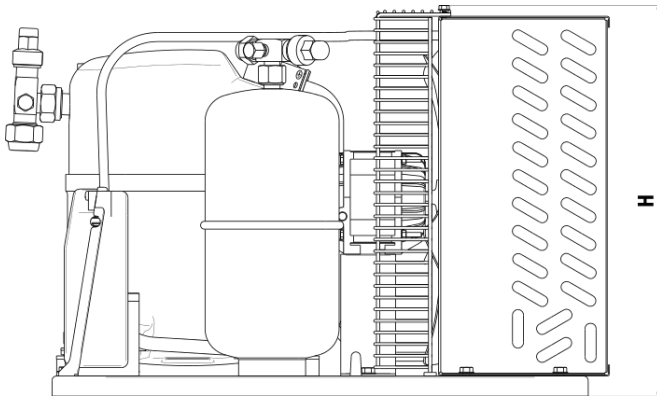
ASHRAE HMBP: Consending temperature: 55°C, Liquid temperature: 46°C, Suction temperature: 35°C, Ambient temperature: 35°C

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 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)
430x505x350	430x535x350	435x535x350	435x535x350