

# Condensing Unit

## Technical Data Sheet

**Model** CGS26TB\_N  
**Voltage** 220-240V 50Hz ~1  
**Refrigerant** R134a

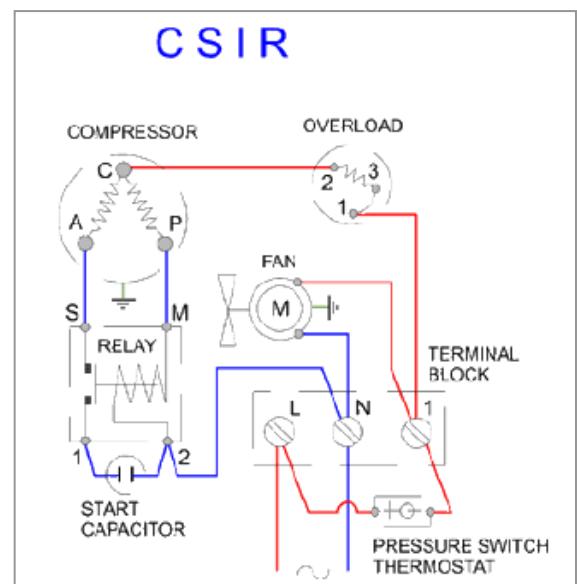
APPLICATION		COMPRESSOR		MOTOR	
Application	High-Medium Back Pressure	Displacement	25,93 cm <sup>3</sup>	Approximate Power	3/4 hp
Refrigerant	R134a	Diameter	39,98 mm	Voltage/Frequency	220-240V 50Hz
Evaporating temp.	-25°C to 10°C	Stroke	20,65 mm	Voltage range	198-264 V
Expansion	Capillar / Valve	Oil type	ISO VG 46 ESTER	Type	CSIR
Comp. Cooling	Fan cooled	Oil charge	887 cm <sup>3</sup>	Phase number	1 PH
Max. ambient temp.	43,00°C			Locked rotor current	32,00 A

NOMINAL PERFORMANCE	ASHRAE
Cooling Capacity (W)	2335
COP (W/W)	2,08
EER (kcal/Wh)	1,79
Input Power (W)	1125
Current (A)	6,01

TEST CYCLE CONDITIONS	HMBP (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	12T 3R
Fan Blade (Ø [mm] / °)	300 / 19
Fan motor	25W 230V 50/60Hz

### ELECTRICAL DIAGRAM



### PERFORMANCES

REFRIGERATION CAPACITY (W)									
Evaporating Temperature (°C)									
Model	Motor	7.2				10			
		-25	-15	-5	5	W	Winp	A	10
CGS26TB_N	CSIR	524	989	1542	2182	2335	1125	6.01	2535

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

# Condensing Unit

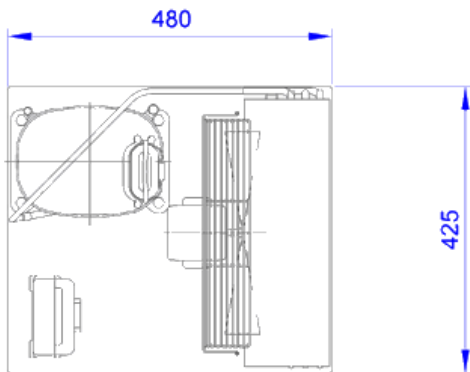
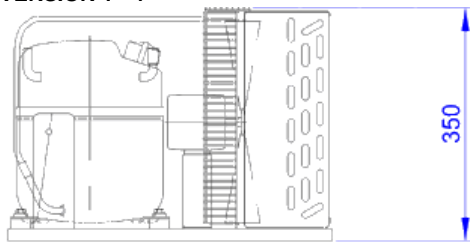
## Technical Data Sheet

### VERSIONS

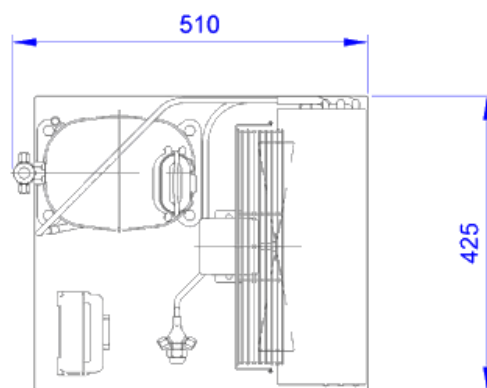
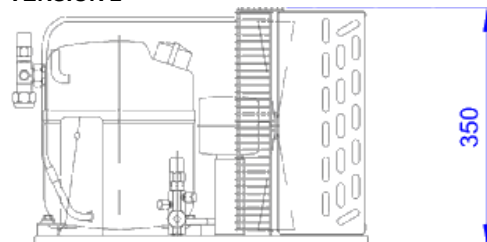
VERSION 1	VERSION 2	VERSION 3	VERSION 3P	VERSION 4
<b>Tube</b>	<b>Service valve</b>	<b>Service valve and receiver</b>	<b>Service valve, receiver, pressure switch</b>	<b>Tube, Schrader valve on the refrigerant charging</b>
Suction tube internal diam.: 12,7mm  Discharge tube internal diam.: 8mm	Suction valve: 5/8"  Discharge valve: 3/8"	Receiver vol.: 2,4l  Suction valve: 5/8"  Discharge valve: 3/8"	Receiver vol.: 2,4l  Suction valve: 5/8"  Discharge valve: 3/8"	Suction tube internal diam.: 12,7mm  Discharge tube internal diam.: 8mm

### DIMENSIONS

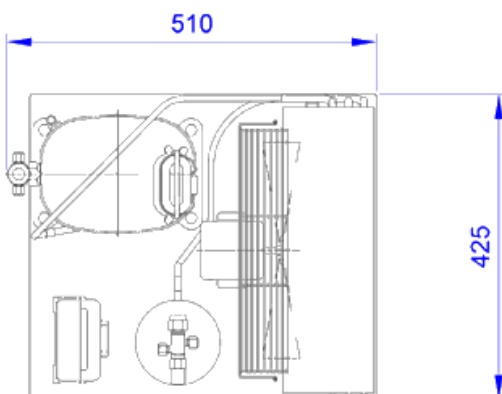
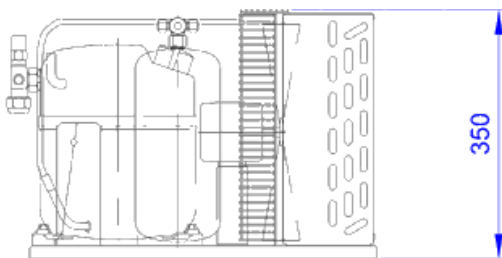
- VERSION 1 - 4



- VERSION 2



- VERSION 3



- VERSION 3P

