

Model

Designation **CU GS26CLX MG_Z 230/1/50 VAL**



Sales code: 314L7000
Engineering code: CUGS26CLX00VE

Application Data

Power supply	220-240V / 50Hz 1~
Refrigerants	R404A-R452A
Refr. charge - tech. limit	2000g / 70,5oz
Starter	HST / capillary tube or expansion valve
Sound pressure (10m)	41,7dB(A)

Configuration data

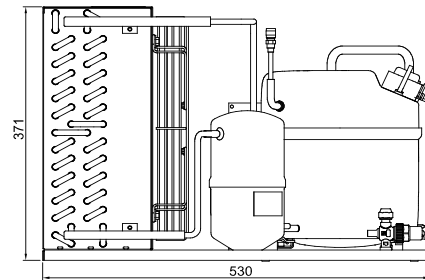
	Conf. 1	Conf. 2
Voltage range	198 - 254V / 50Hz	198 - 254V / 50Hz
Refrigerant	R404A	R452A
Application	LBP	LBP

Rated performance	<u>pe=-25°C, Tsuc=20°C, Tamb=25°C, subcooling: 2K</u>	
Cooling capacity	1275W / 4354Btu/h	1194W / 4077Btu/h
Power consumption	903,5W	836,1W
Current consumption	4A	3,8A
COP/EER	1,41 / 4,82Btu/Wh	1,43 / 4,88Btu/Wh

Approvals	Eco design (EU) 2015/1095, CE, UK CA, VDE	Eco design (EU) 2015/1095, CE, UK CA, VDE
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Compressor

Designation	GS26CLX
Motor configuration	CSCR
Locked rotor amperage	26A
Rated load amperage	4,8A
Winding resistance main	2,9Ω
Winding resistance aux	5Ω
Oil quantity	900cm ³ / 30,4fl.oz
Oil type	POE
Horsepower rating	1 1/4 HP



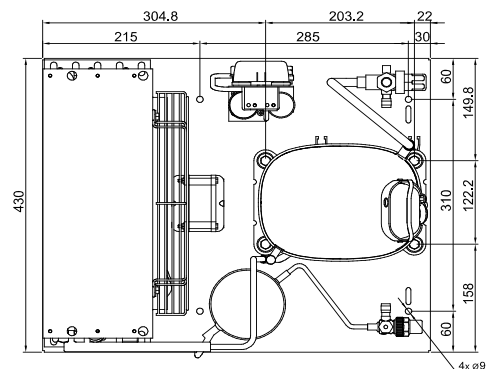
Dimensions

Condensing unit

Height x Width x Depth	371 x 430 x 530 [mm] / 14,6 x 16,9 x 20,9 [in]
Weight	37,2kg / 82,1lbs
Suction adapter	FLARE 1/2"
Discharge adapter	FLARE 1/4"
Process connector	ø6,5mm / 0,26in

Package data

Height x Width x Depth	450 x 600 x 700 [mm] / 17,7 x 23,6 x 27,6 [in]
Weight	41,2kg / 90,9lbs



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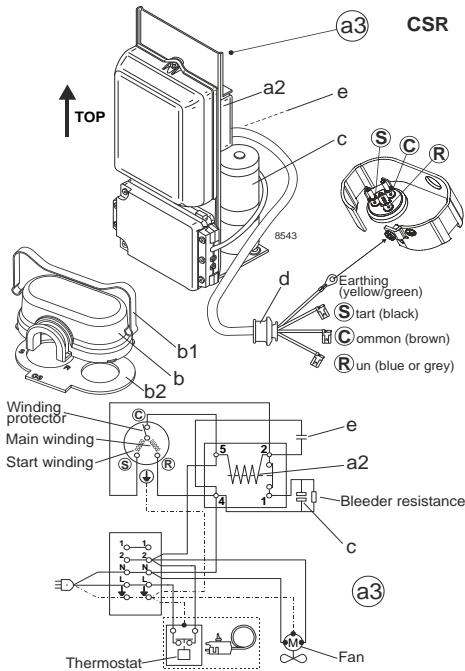
Components Condensing-Unit / Spare Parts

Component	Type	Spare part code number
Compressor code	GS26CLX	107B0526
Condenser	Condenser (4 rows x 14 tubes)	SP 314S0006
Fan motor	16W	MP 314S0021
Blade code	ø300mm 19°	SP 314S0028
Air flow	838m³/h	
Receiver code	Receiver 1,3 liter	MP 314S0036
Suction valve code	FLARE 1/2"	FLARE 1/2"
Liquid valve code	FLARE 1/4"	FLARE 1/4"

Compressor starting equipment	Spare part code number
pos. a3 - GS starter kit (600mm)	117-7056
pos. b - cover	107B9101
pos. b2 - gasket	107B9100
pos. b1 - clamp	107B9104

Wiring Sketch Compressor

Wiring Sketch Condensing Unit



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Cooling performance - Conf. 1

Power supply	220-240V / 50Hz 1~	Voltage range	198 - 254V / 50Hz
Refr. charge - tech. limit	2000g / 70,5oz		
Starter	HST / capillary tube or expansion valve		
Motor configuration	CSCR		
Refrigerant	R404A		
Application	LBP		
Approvals	Eco design (EU) 2015/1095, CE, UK CA, VDE		

ambient temperature	[°C / °F]	25 / 77 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)						
evaporating temperature	[°C / °F]	-40 / -40	-35 / -31	-30 / -22	-25 / -13	-23,3 / -10	-20 / -4	-10 / 14
cooling capacity	[W]	621	814	1033	1275	1361	1535	2096
COP	[W/W]	1,09	1,21	1,32	1,41	1,44	1,48	1,54
cooling capacity	[Btu/h]	2122	2781	3529	4354	4649	5243	7158
power consumption	[W]	571	672	782	904	948	1040	1365
current consumption	[A]	3,1	3,4	3,6	4	4,1	4,4	5,5

ambient temperature	[°C / °F]	32 / 90 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)						
evaporating temperature	[°C / °F]	-40 / -40	-35 / -31	-30 / -22	-25 / -13	-23,3 / -10	-20 / -4	-10 / 14
cooling capacity	[W]	514	690	887	1105	1183	1339	1843
COP	[W/W]	0,89	1	1,1	1,19	1,21	1,25	1,32
cooling capacity	[Btu/h]	1756	2355	3031	3773	4039	4572	6295
power consumption	[W]	578	688	805	931	977	1071	1395
current consumption	[A]	3,2	3,4	3,7	4,1	4,2	4,5	5,6

ambient temperature	[°C / °F]	38 / 100 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)						
evaporating temperature	[°C / °F]	-40 / -40	-35 / -31	-30 / -22	-25 / -13	-23,3 / -10	-20 / -4	
cooling capacity	[W]	426	587	767	963	1034	1175	
COP	[W/W]	0,74	0,85	0,94	1,02	1,04	1,08	
cooling capacity	[Btu/h]	1456	2005	2618	3290	3530	4012	
power consumption	[W]	573	691	814	945	992	1087	
current consumption	[A]	3,2	3,4	3,7	4,1	4,2	4,5	

ambient temperature	[°C / °F]	43 / 109 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)		
evaporating temperature	[°C / °F]	-40 / -40	-35 / -31	-30 / -22
cooling capacity	[W]	356	505	669
COP	[W/W]	0,63	0,74	0,82
cooling capacity	[Btu/h]	1217	1724	2286
power consumption	[W]	562	686	814
current consumption	[A]	3,1	3,4	3,7

Model

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Sales code: 314L7000

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Cooling performance - Conf. 2

Power supply	220-240V / 50Hz 1~	Voltage range	198 - 254V / 50Hz
Refr. charge - tech. limit	2000g / 70,5oz		
Starter	HST / capillary tube or expansion valve		
Motor configuration	CSCR		
Refrigerant	R452A		
Application	LBP		
Approvals	Eco design (EU) 2015/1095, CE, UK CA, VDE		

ambient temperature	[°C / °F]	25 / 77 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)						
evaporating temperature	[°C / °F]	-35 / -31	-30 / -22	-25 / -13	-23,3 / -10	-20 / -4	-15 / 5	-10 / 14
cooling capacity	[W]	756	957	1194	1281	1459	1743	2035
COP	[W/W]	1,23	1,33	1,43	1,46	1,51	1,57	1,6
cooling capacity	[Btu/h]	2582	3268	4077	4376	4983	5951	6949
power consumption	[W]	613	721	836	878	964	1109	1273
current consumption	[A]	3,1	3,4	3,8	3,9	4,2	4,6	5,2

ambient temperature	[°C / °F]	32 / 90 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)						
evaporating temperature	[°C / °F]	-35 / -31	-30 / -22	-25 / -13	-23,3 / -10	-20 / -4	-15 / 5	-10 / 14
cooling capacity	[W]	637	823	1038	1117	1277	1530	1790
COP	[W/W]	1,02	1,11	1,21	1,24	1,29	1,34	1,37
cooling capacity	[Btu/h]	2177	2810	3546	3816	4362	5226	6113
power consumption	[W]	627	740	860	904	992	1138	1304
current consumption	[A]	3,1	3,5	3,9	4	4,3	4,7	5,2

ambient temperature	[°C / °F]	38 / 100 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)				
evaporating temperature	[°C / °F]	-35 / -31	-30 / -22	-25 / -13	-23,3 / -10	-20 / -4
cooling capacity	[W]	538	710	908	979	1124
COP	[W/W]	0,85	0,95	1,04	1,07	1,12
cooling capacity	[Btu/h]	1837	2424	3100	3344	3840
power consumption	[W]	630	748	872	917	1007
current consumption	[A]	3,2	3,5	3,9	4	4,3

ambient temperature	[°C / °F]	43 / 109 (suction gas temperature [°C / °F]: 20 / 68, subcooling: 2K)		
evaporating temperature	[°C / °F]	-35 / -31	-30 / -22	-25 / -13
cooling capacity	[W]	459	620	803
COP	[W/W]	0,73	0,83	0,92
cooling capacity	[Btu/h]	1567	2117	2741
power consumption	[W]	625	747	874
current consumption	[A]	3,1	3,5	3,9