

Model
GS26CLX

Sales code:
107B0505

Compressor Data

Refrigerant(s)	R404A / R452A
Refr. charge - tech. limit	2000g / 70.55oz
Weight	20.00 kg / 44.09lbs
Displacement	26.30 cm3 / 1.60cu.in
Compressors on pallet	48



General - Configurations With GS26CLX

-	Conf. 1
Motor configuration	CSCR
Power supply (nominal)	208-230 V/60 Hz
Number of phases	1
Voltage range	187-254 V
Approvals	UL
Starting torque	HST
Refrigerant	R404A
Application	LBP
Hot gas defrost	OK
Long interval pull down	OK

Application Notes

- Cover, clamp, gasket: pre-assembled to compressor.
- Provision for PE Grounding is located at the PE Stamp on the compressor

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Compressor Design

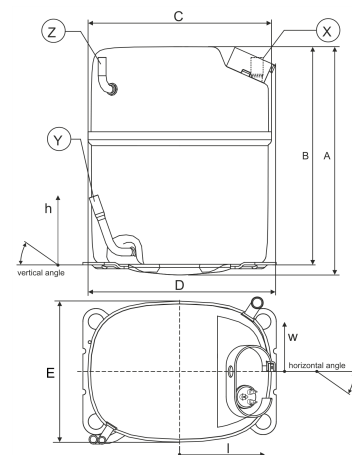
Oil type	POE	Motor protection	internal
Oil viscosity	32,5cSt	Winding resistance main	1.5 Ohm
Oil quantity	902 / 30.50fl.oz	Winding resistance aux	5.8 Ohm
Free gas volume comp.	3,220 cm ³ / 108.88fl.oz	Max. discharge temp.	130°C / 266°F

Compressor Dimensions

Housing

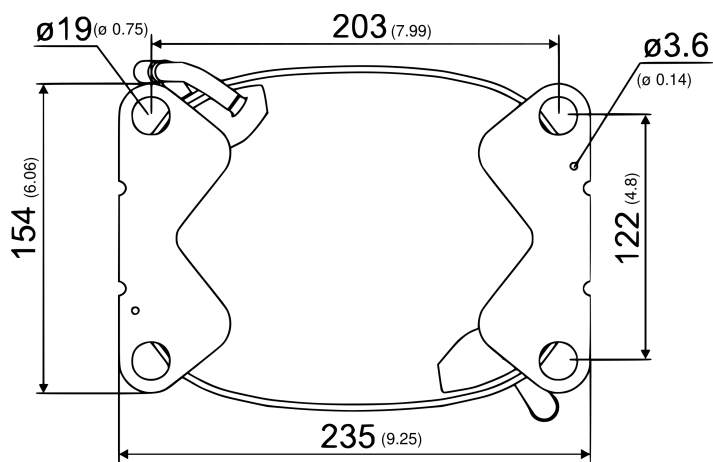
A Height	279mm / 10.98in
B Height	267mm / 10.51in
C Length shell	224mm / 8.82in
D Length w. cover	232mm / 9.13in
E Width	173mm / 6.81in

[Find 3D Model here](#)

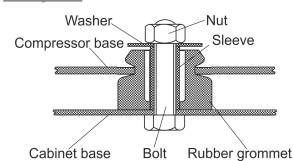


Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 12.75–13.05 / 0.50–0.51in	øi 8.15–8.25 / 0.32–0.32in	øi 6.4–6.6 / 0.25–0.26in
Material	CU	CU	CU
Horizontal angle ±2°	0°	0°	0°
Vertical angle ±2°	90°	71°	90°
Position l/h/w [mm]	-94.5/234/-84 / -3.72/9.21/-3.31in	-105/84/-84 / -4.13/3.31/-3.31in	94.5/234/84 / 3.72/9.21/3.31in
Straight tube l. [mm]	18 / 0.71in	22.5 / 0.89in	15 / 0.59in

Mounting Accessories



Bolt joint



Dimensions in mm [in]

	one comp.	multi pack
Bolt joint M8 ø19mm	107B9150	-

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Motor configuration	CSCR
Power supply (nominal)	208-230 V/60 Hz 1~
Refrigerant	R404A
Application	LBP
Voltage range	187-254 V
Starting torque	HST
Approvals	UL
Starting device type	relay
Run capacitor	20 μF
Start capacitor	100 μF
RLA (rated load amps / 1s/ U(N))	-/-A

Ambient/ machine room temperatures minimum /maximum

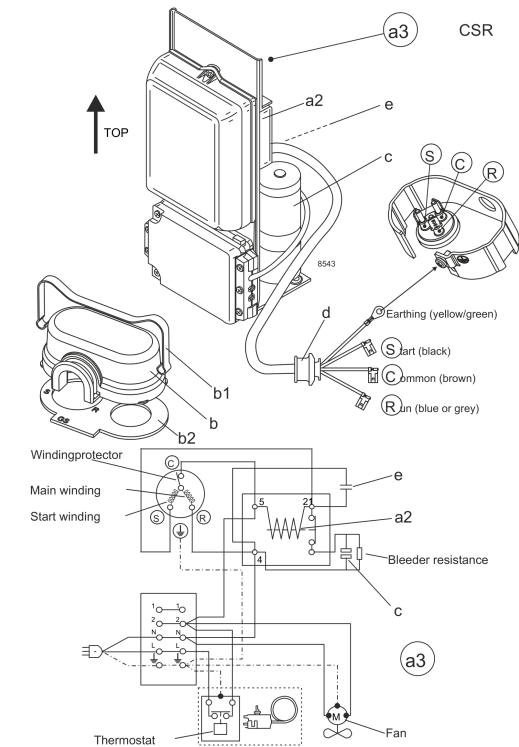
Ambient temperature range: 10 - 38°C / 50 - 100°F

Machine room temp. compressor: 10 - 43°C / 50 - 109°F

System Cooling

fan 3m/s

Electrical Accessories / Wiring Diagram



[View full size](#)

Components (cover, clamp, gasket: pre assembled)

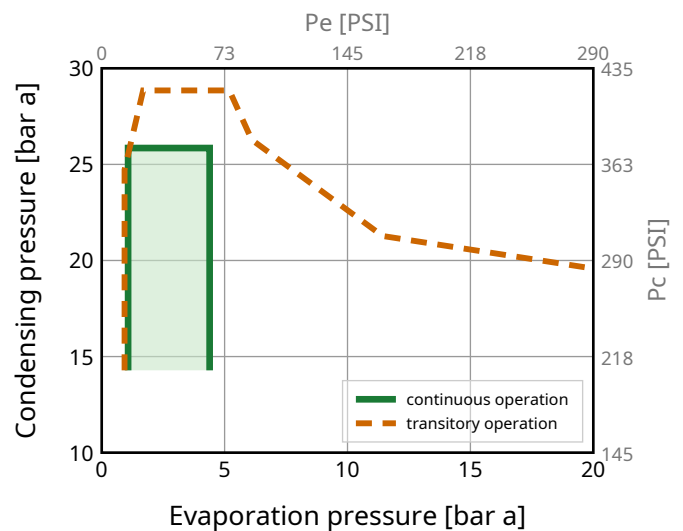
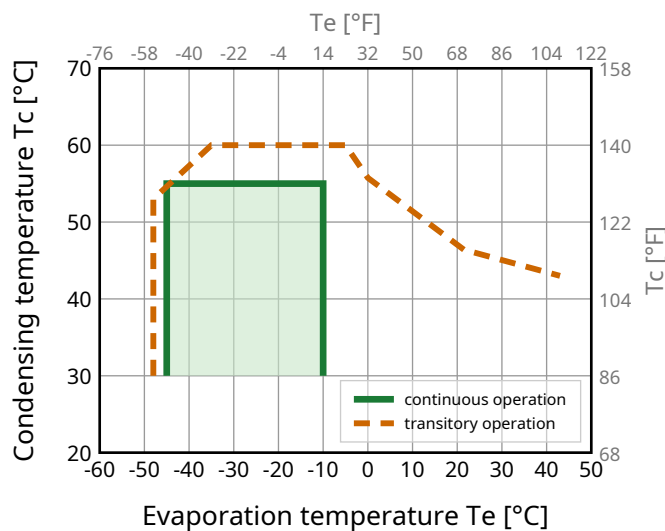
a3 GS starter kit (600mm) 117-7073

107B9106

b2 gasket 107B9100

b1 clamp 107B9104

Operation Pressure Range



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Standard Conditions

R404A, 220 V/60 Hz, CSCR, fan 3m/s

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	1425	4861	1225	1.21	4.14	1173	5.07	33.12	ASHRAE LBP
-25 -13	55 131	32 89.6	55 131	963	3287	829	0.86	2.93	1123	4.86	30.04	CECOMAF LBP
-35 -31	40 104	20 68	40 104	834	2844	717	1.00	3.41	835	3.84	22.59	EN12900 LBP
-23.3 -10	48.8 119.8	4.4 39.9	48.8 119.8	1087	3708	935	0.94	3.20	1159	5.04	38.35	ARI540 LBP
-23.3 -10	40.6 105.1	32.2 90	32.2 90	1687	5756	1451	1.50	5.12	1123	4.92	39.21	AHAM LBP
-35 -31	45 113	32 89.6	45 113	755	2576	649	0.89	3.03	851	3.86	20.13	opt LBP

Performance Tables

R404A, 220 V/60 Hz, CSCR, fan 3m/s

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-45	-49	354	1206	304	0.51	1.74	695	3.11	9.37
-40	-40	544	1855	467	0.71	2.44	761	3.47	14.45
-35	-31	755	2576	649	0.89	3.03	851	3.86	20.13
-30	-22	997	3401	857	1.03	3.53	964	4.29	26.70
-25	-13	1279	4364	1100	1.17	3.98	1096	4.80	34.42
-20	-4	1611	5495	1385	1.29	4.40	1247	5.41	43.61
-15	5	2002	6829	1721	1.42	4.83	1414	6.14	54.57
-10	14	2461	8397	2116	1.54	5.27	1594	7.03	67.66

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-45	-49	179	609	154	0.25	0.86	706	2.94	5.47
-40	-40	348	1188	299	0.45	1.54	773	3.35	10.70
-35	-31	529	1805	455	0.61	2.08	866	3.79	16.32
-30	-22	731	2494	629	0.74	2.54	983	4.29	22.66
-25	-13	963	3287	829	0.86	2.93	1123	4.86	30.04
-20	-4	1236	4217	1063	0.96	3.29	1282	5.53	38.81
-15	5	1558	5315	1340	1.07	3.64	1460	6.34	49.31
-10	14	1939	6615	1667	1.17	4.00	1653	7.30	61.97