Single
Packs

Single Pack GS26MLX 220-240V 50Hz CSCR

Single pack code number: **195B4628**

Position	Title	Code	Amount
1	Compressor GS26MLX	107B0503	1
2	GS starting device (600mm)	117-7072	1
3	Bolt joint for one compressor | M8 | ø19mm	107B9150	1
Below electrical equipment is pre-assembled on the compressor:			
4	Cover	107B9101	1
5	Cover clamp	107B9104	1
6	Cover gasket	107B9100	1

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Model
GS26MLX

Sales code:
107B0503

Compressor Data

Refrigerant(s)	**R404A / R452A**
Refr. charge - tech. limit	**2000g / 70.55oz**
Weight	**21.40 kg / 47.18lbs**
Displacement	**26.30 cm3 / 1.60cu.in**
Compressors on pallet	**48**

General – Configurations With GS26MLX

–	**Conf. 1**	**Conf. 2**	**Conf. 3**	**Conf. 4**
Motor configuration	CSCR	CSCR	CSCR	CSCR
Power supply (nominal)	220-240 V/50 Hz	220-240 V/50 Hz	220-240 V/50 Hz	220-240 V/50 Hz
Number of phases	1	1	1	1
Voltage range	198-254 V	198-254 V	198-254 V	198-254 V
Approvals	VDE, CCC, EAC	VDE, CCC, EAC	–	–
Starting torque	HST	HST	HST	HST
Refrigerant	R404A	R452A	R448A	R449A
Application	MBP	MBP	MBP	MBP
Hot gas defrost	OK	OK	OK	OK
Long interval pull down	OK	OK	OK	OK

Application Notes

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

Model
GS26MLX

Sales code:
107B0503

Compressor Design

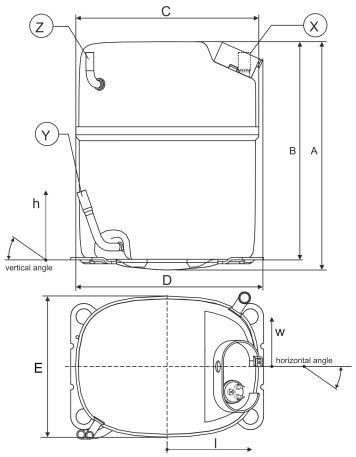
Oil type	**POE**	Motor protection	**internal**
Oil viscosity	**32,5cSt**	Winding resistance main	**1.8 Ohm**
Oil quantity	**902 / 30.50fl.oz**	Winding resistance aux	**8.1 Ohm**
Free gas volume comp.	**3,670 cm3 / 124.10fl.oz**	Max. discharge temp.	**120°C / 248°F**

Compressor Dimensions

Housing

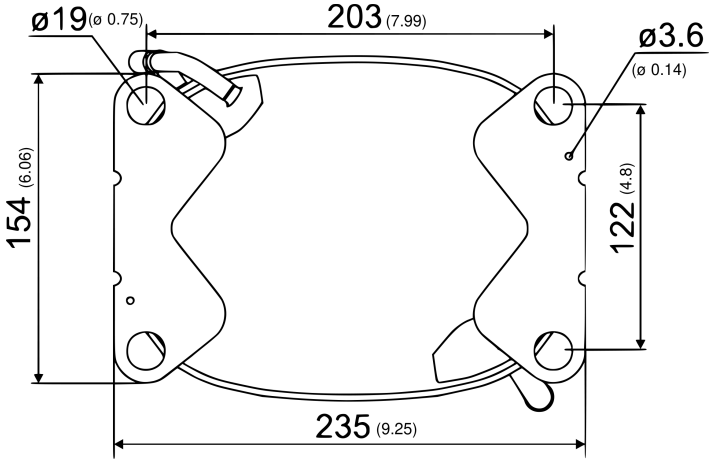
A Height	**279mm / 10.98in**
B Height	**267mm / 10.51in**
C Length shell	**224mm / 8.82in**
D Length w. cover	**232mm / 9.13in**
E Width	**173mm / 6.81in**

Find 3D Model here



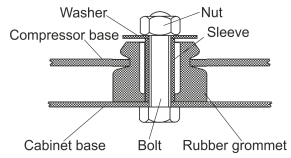
Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 16.03–16.13 / 0.63–0.64in	øi 9.63–9.73 / 0.38–0.38in	øi 6.4–6.6 / 0.25–0.26in
Material	CU	CU	CU
Horizontal angle ±2°	0°	0°	0°
Vertical angle ±2°	90°	71°	90°
Position l/h/w [mm]	-94.5/234/-84 / -3.72/9.21/-3.31in	-105/84/-84 / -4.13/3.31/-3.31in	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



Dimensions in mm [in]

Bolt joint



	one comp.	multi pack
Bolt joint | M8 | ø19mm	107B9150	–

Model
GS26MLX Configuration 1

Sales code:
107B0503

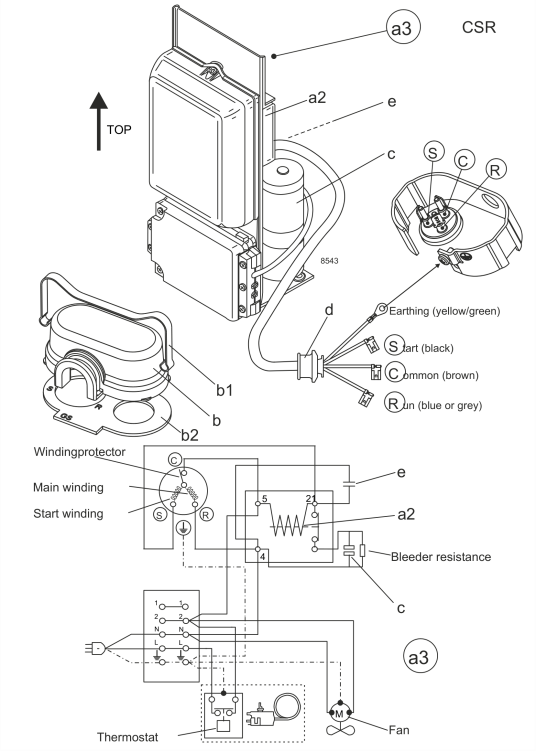
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R404A**
Application	**MBP**
Voltage range	**198-254 V**
Starting torque	**HST**
Approvals	**VDE, CCC, EAC**
Starting device type	**relay**
Run capacitor	**15 µF**
Start capacitor	**80 µF**
LRA (locked rotor amps / 4s/ U(N))	**35 A**
RLA (rated load amps / 1s/ U(N))	**6.4 A**
Cut in current (U(N))	**35 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



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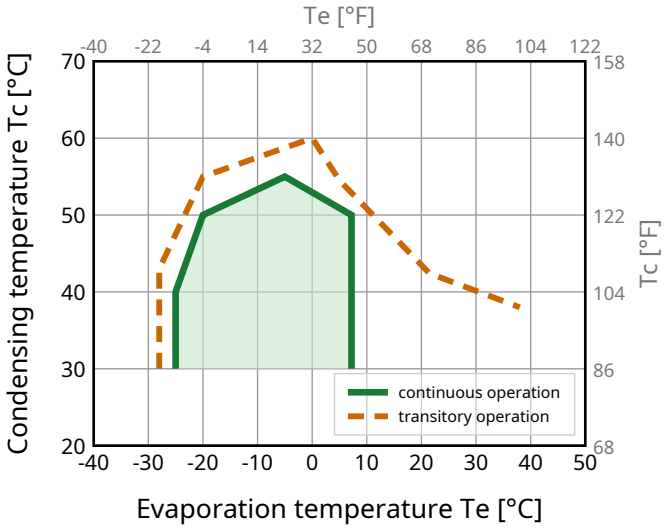
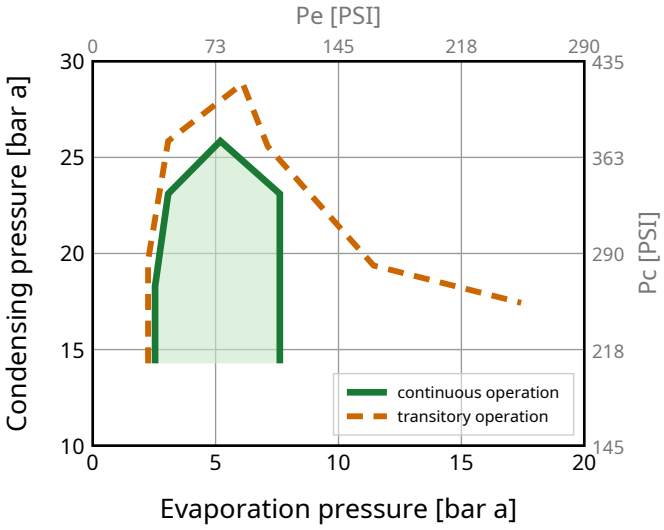
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7072
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26MLX Configuration 1

Sales code:
107B0503

Standard Conditions

R404A, 220 V/50 Hz, CSCR, fan 3m/s

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	ṁ	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-6.7 20	54.4 129.9	35 95	46.1 115	**2392**	8162	2057	**1.72**	5.87	1392	6.81	65.71	**ASHRAE MBP**
-10 14	55 131	32 89.6	55 131	**1779**	6071	1530	**1.36**	4.63	1312	6.45	56.87	**CECOMAF MBP**
-10 14	45 113	20 68	45 113	**2124**	7248	1827	**1.75**	5.97	1213	6.05	63.88	**EN12900 MBP**
-6.7 20	48.8 119.8	18.3 64.9	48.8 119.8	**2205**	7523	1896	**1.66**	5.67	1326	6.56	71.85	**ARI540 MBP**
-10 14	45 113	32 89.6	45 113	**2254**	7690	1938	**1.86**	6.34	1213	6.05	61.96	**opt MBP 1**
-25 -13	45 113	32 89.6	45 113	**1093**	3730	940	**1.25**	4.27	873	4.58	29.42	**opt MBP 2**

Performance Tables

R404A, 220 V/50 Hz, CSCR, fan 3m/s

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

pe		Cooling capacity			COP	EER	P	I	ṁ
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-25	-13	**1093**	3730	940	**1.25**	4.27	873	4.58	29.42
-20	-4	**1426**	4867	1227	**1.44**	4.90	993	5.07	38.62
-15	5	**1810**	6177	1557	**1.64**	5.59	1105	5.56	49.37
-10	14	**2254**	7690	1938	**1.86**	6.34	1213	6.05	61.96
-5	23	**2764**	9432	2377	**2.10**	7.15	1319	6.55	76.75
0	32	**3351**	11434	2882	**2.35**	8.03	1424	7.06	94.10
5	41	**4022**	13722	3459	**2.62**	8.95	1532	7.57	114.47
7.2	45	**4346**	14827	3737	**2.75**	9.38	1581	7.80	124.52

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

-25	-13	**822**	2806	707	**0.93**	3.18	882	4.70	25.65
-20	-4	**1103**	3763	948	**1.07**	3.64	1034	5.28	34.63
-15	5	**1419**	4842	1220	**1.21**	4.11	1177	5.86	44.92
-10	14	**1779**	6071	1530	**1.36**	4.63	1312	6.45	56.87
-5	23	**2192**	7479	1885	**1.52**	5.18	1443	7.04	70.86
0	32	**2665**	9094	2292	**1.70**	5.78	1572	7.64	87.31
5	41	**3208**	10944	2758	**1.89**	6.44	1701	8.25	106.75
7.2	45	**3470**	11840	2984	**1.97**	6.74	1758	8.51	116.40

Model
GS26MLX Configuration 2

Sales code:
107B0503

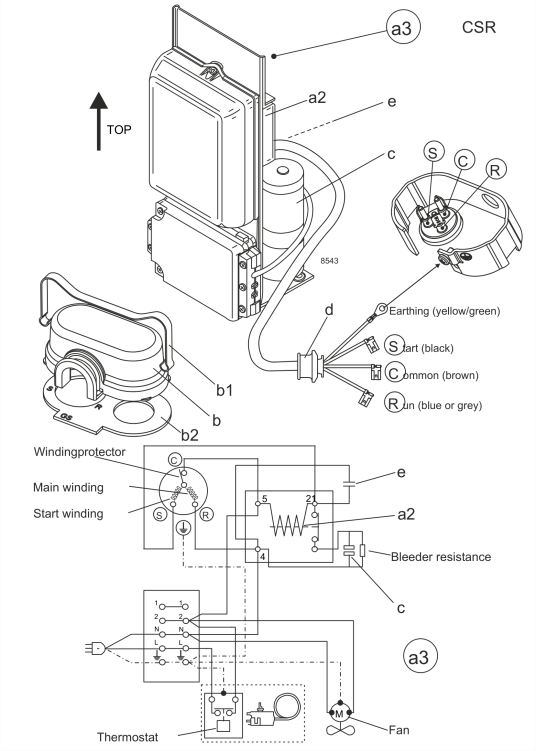
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R452A**
Application	**MBP**
Voltage range	**198-254 V**
Starting torque	**HST**
Approvals	**VDE, CCC, EAC**
Starting device type	**relay**
Run capacitor	**15 µF**
Start capacitor	**80 µF**
LRA (locked rotor amps / 4s/ U(N))	**35 A**
RLA (rated load amps / 1s/ U(N))	**6.4 A**
Cut in current (U(N))	**35 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



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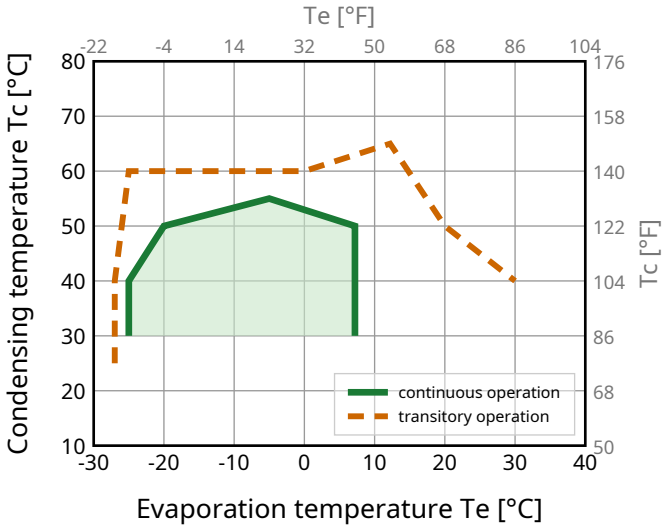
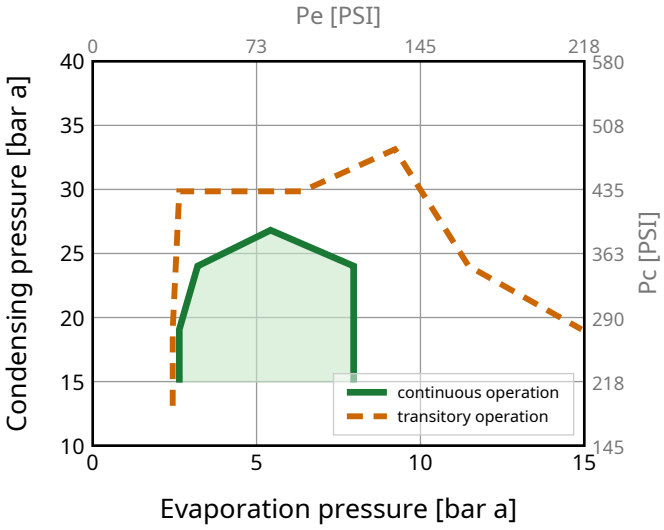
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7072
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26MLX Configuration 2

Sales code:
107B0503

Standard Conditions

R452A, 220 V/50 Hz, CSCR, fan 3m/s

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	ṁ	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-6.7 20	54.4 129.9	35 95	46.1 115	**2187**	7463	1881	**1.66**	5.65	1322	6.53	62.40	**ASHRAE MBP**
-10 14	55 131	32 89.6	55 131	**1642**	5601	1412	**1.33**	4.54	1234	6.14	54.26	**CECOMAF MBP**
-10 14	45 113	20 68	45 113	**1989**	6785	1710	**1.75**	5.99	1133	5.70	62.03	**EN12900 MBP**
-6.7 20	48.8 119.8	18.3 64.9	48.8 119.8	**2043**	6969	1757	**1.63**	5.56	1253	6.22	68.94	**ARI540 MBP**
-10 14	45 113	32 89.6	45 113	**2108**	7191	1812	**1.86**	6.35	1133	5.70	60.17	**opt MBP 1**
-25 -13	45 113	32 89.6	45 113	**1012**	3452	870	**1.27**	4.33	798	4.22	28.28	**opt MBP 2**

Performance Tables

R452A, 220 V/50 Hz, CSCR, fan 3m/s

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

pe		Cooling capacity			COP	EER	P	I	ṁ
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-25	-13	**1012**	3452	870	**1.27**	4.33	798	4.22	28.28
-20	-4	**1355**	4625	1166	**1.50**	5.11	905	4.69	38.12
-15	5	**1714**	5847	1474	**1.69**	5.75	1017	5.19	48.53
-10	14	**2108**	7191	1812	**1.86**	6.35	1133	5.70	60.17
-5	23	**2558**	8728	2200	**2.04**	6.97	1251	6.22	73.74
0	32	**3086**	10529	2654	**2.25**	7.68	1371	6.74	89.97
5	41	**3712**	12667	3193	**2.49**	8.51	1489	7.26	109.71
7.2	45	**4025**	13733	3461	**2.61**	8.92	1540	7.49	119.74

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

-25	-13	**775**	2646	667	**0.97**	3.32	796	4.21	25.02
-20	-4	**1047**	3573	901	**1.11**	3.80	941	4.85	34.02
-15	5	**1329**	4535	1143	**1.22**	4.17	1087	5.50	43.51
-10	14	**1642**	5601	1412	**1.33**	4.54	1234	6.14	54.26
-5	23	**2006**	6845	1725	**1.46**	4.96	1379	6.78	67.05
0	32	**2444**	8339	2102	**1.61**	5.48	1521	7.41	82.77
5	41	**2976**	10153	2559	**1.79**	6.12	1659	8.01	102.36
7.2	45	**3245**	11072	2791	**1.89**	6.45	1718	8.27	112.50

Model
GS26MLX Configuration 3

Sales code:
107B0503

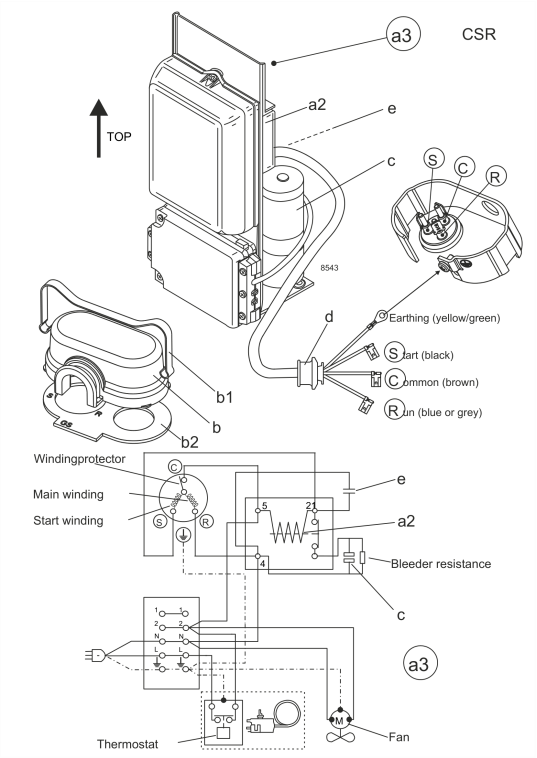
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R448A**
Application	**MBP**
Voltage range	**198-254 V**
Starting torque	**HST**
Starting device type	**relay**
Run capacitor	**15 µF**
Start capacitor	**80 µF**
LRA (locked rotor amps / 4s/ U(N))	**35 A**
RLA (rated load amps / 1s/ U(N))	**6.4 A**
Cut in current (U(N))	**35 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



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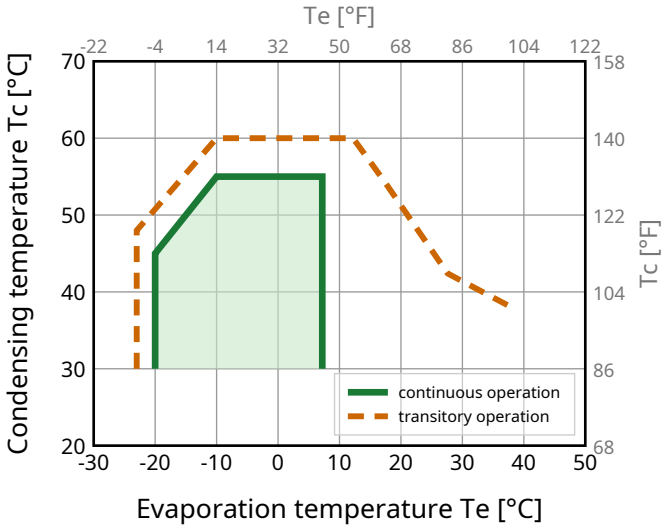
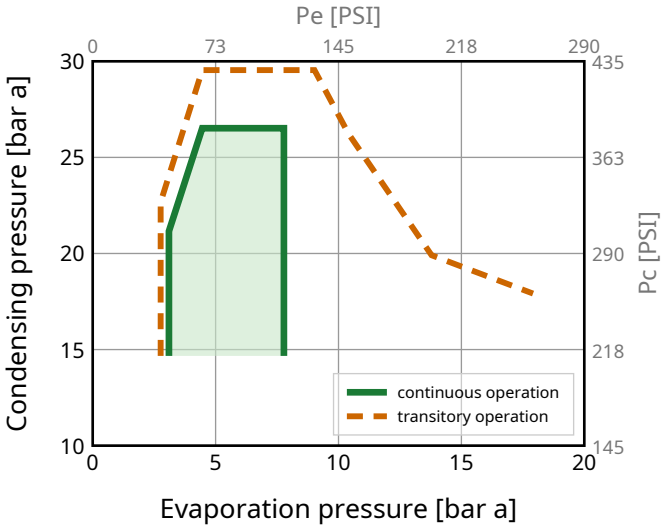
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7072
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26MLX Configuration 3

Sales code:
107B0503

Standard Conditions

R448A, 220 V/50 Hz, CSCR, fan 3m/s

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	ṁ	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-6.7 20	54.4 129.9	35 95	46.1 115	**2178**	7432	1873	**1.77**	6.04	1230	6.11	48.21	**ASHRAE MBP**
-10 14	55 131	32 89.6	55 131	**1663**	5673	1430	**1.44**	4.91	1155	5.79	41.31	**CECOMAF MBP**
-10 14	45 113	20 68	45 113	**1958**	6682	1684	**1.82**	6.22	1074	5.44	46.48	**EN12900 MBP**
-6.7 20	48.8 119.8	18.3 64.9	48.8 119.8	**2087**	7119	1794	**1.77**	6.05	1176	5.88	52.73	**ARI540 MBP**
-10 14	45 113	32 89.6	45 113	**2037**	6951	1752	**1.90**	6.47	1074	5.44	45.09	**opt MBP 1**
-25 -13	45 113	32 89.6	45 113	**938**	3200	807	**1.25**	4.26	751	4.05	20.36	**opt MBP 2**

Performance Tables

R448A, 220 V/50 Hz, CSCR, fan 3m/s

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

pe		Cooling capacity			COP	EER	P	I	ṁ
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-20	-4	**1248**	4259	1074	**1.45**	4.93	864	4.54	27.25
-15	5	**1612**	5499	1386	**1.66**	5.66	971	5.00	35.40
-10	14	**2037**	6951	1752	**1.90**	6.47	1074	5.44	45.09
-5	23	**2535**	8648	2180	**2.16**	7.36	1175	5.87	56.59
0	32	**3113**	10622	2677	**2.44**	8.33	1275	6.31	70.22
5	41	**3782**	12904	3253	**2.75**	9.37	1377	6.74	86.36
7.2	45	**4108**	14015	3532	**2.89**	9.85	1423	6.94	94.36

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

-20	-4	**993**	3387	854	**1.11**	3.78	896	4.67	24.28
-15	5	**1303**	4444	1120	**1.27**	4.32	1029	5.25	32.09
-10	14	**1663**	5673	1430	**1.44**	4.91	1155	5.79	41.31
-5	23	**2082**	7105	1791	**1.63**	5.56	1278	6.32	52.25
0	32	**2571**	8773	2211	**1.84**	6.28	1397	6.83	65.26
5	41	**3138**	10709	2699	**2.07**	7.06	1516	7.34	80.76
7.2	45	**3415**	11653	2937	**2.18**	7.43	1569	7.57	88.48

Model
GS26MLX Configuration 4

Sales code:
107B0503

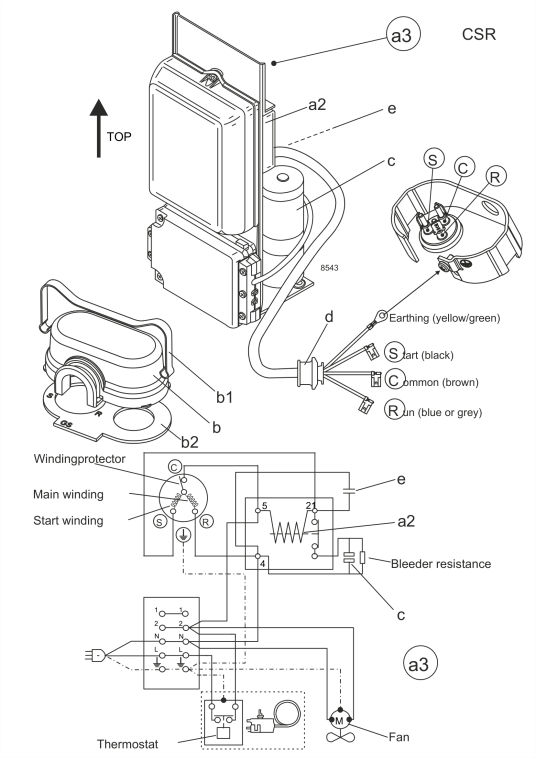
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R449A**
Application	**MBP**
Voltage range	**198-254 V**
Starting torque	**HST**
Starting device type	**relay**
Run capacitor	**15 µF**
Start capacitor	**80 µF**
LRA (locked rotor amps / 4s/ U(N))	**35 A**
RLA (rated load amps / 1s/ U(N))	**6.4 A**
Cut in current (U(N))	**35 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



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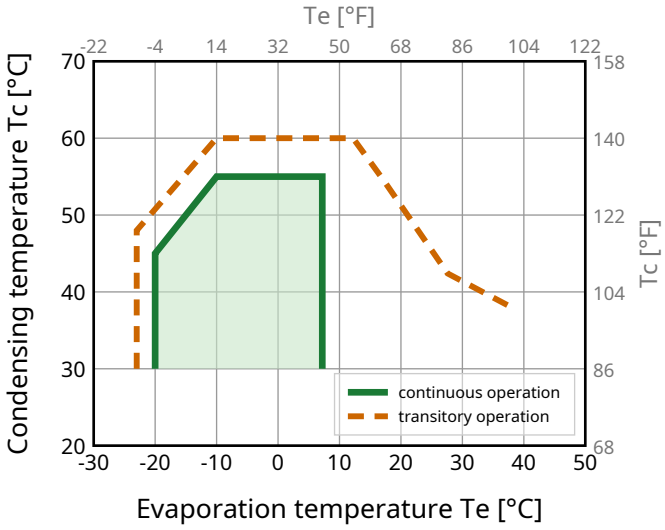
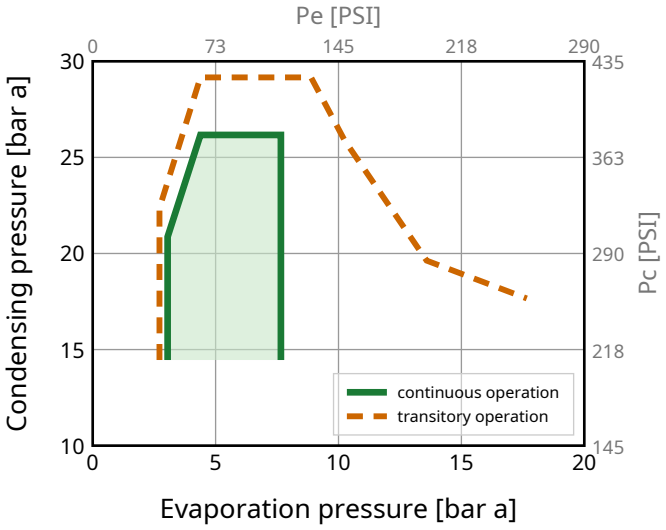
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7072
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26MLX Configuration 4

Sales code:
107B0503

Standard Conditions

R449A, 220 V/50 Hz, CSCR, fan 3m/s

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	ṁ	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-6.7 20	54.4 129.9	35 95	46.1 115	**2166**	7389	1863	**1.77**	6.04	1224	6.08	48.42	**ASHRAE MBP**
-10 14	55 131	32 89.6	55 131	**1652**	5636	1421	**1.44**	4.90	1149	5.76	41.50	**CECOMAF MBP**
-10 14	45 113	20 68	45 113	**1946**	6641	1674	**1.82**	6.21	1069	5.42	46.71	**EN12900 MBP**
-6.7 20	48.8 119.8	18.3 64.9	48.8 119.8	**2072**	7070	1782	**1.77**	6.04	1170	5.85	52.97	**ARI540 MBP**
-10 14	45 113	32 89.6	45 113	**2026**	6913	1743	**1.90**	6.47	1069	5.42	45.31	**opt MBP 1**
-25 -13	45 113	32 89.6	45 113	**934**	3187	803	**1.25**	4.25	749	4.04	20.50	**opt MBP 2**

Performance Tables

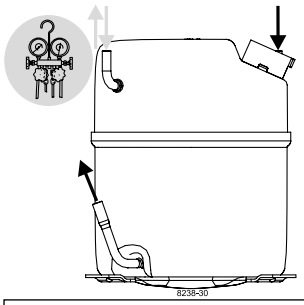
R449A, 220 V/50 Hz, CSCR, fan 3m/s

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

pe		Cooling capacity			COP	EER	P	I	ṁ
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-20	-4	**1243**	4240	1069	**1.44**	4.92	861	4.53	27.41
-15	5	**1604**	5471	1379	**1.66**	5.66	967	4.98	35.59
-10	14	**2026**	6913	1743	**1.90**	6.47	1069	5.42	45.31
-5	23	**2520**	8598	2167	**2.16**	7.36	1169	5.85	56.84
0	32	**3094**	10558	2661	**2.44**	8.33	1268	6.28	70.52
5	41	**3758**	12823	3232	**2.75**	9.37	1369	6.71	86.70
7.2	45	**4081**	13925	3510	**2.89**	9.85	1414	6.90	94.72

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

-20	-4	**987**	3368	849	**1.11**	3.77	893	4.66	24.42
-15	5	**1295**	4418	1113	**1.26**	4.31	1024	5.23	32.26
-10	14	**1652**	5636	1421	**1.44**	4.90	1149	5.76	41.50
-5	23	**2068**	7056	1779	**1.63**	5.55	1270	6.28	52.47
0	32	**2553**	8710	2195	**1.84**	6.27	1388	6.79	65.52
5	41	**3115**	10629	2679	**2.07**	7.06	1505	7.29	81.06
7.2	45	**3390**	11565	2915	**2.18**	7.43	1556	7.51	88.80



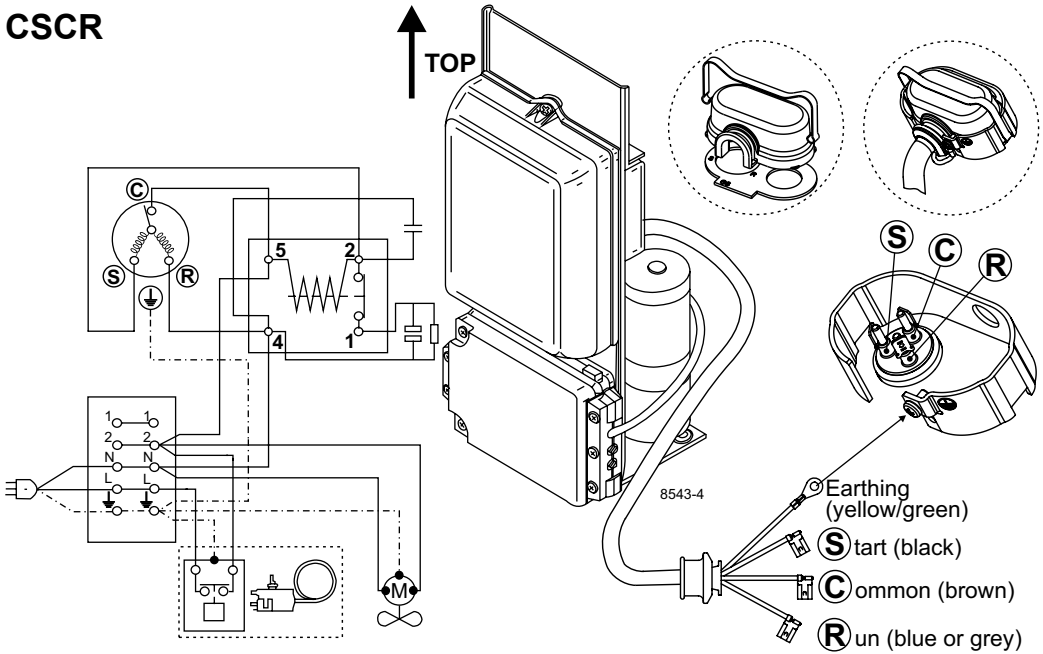
GS Compressors

SECOP

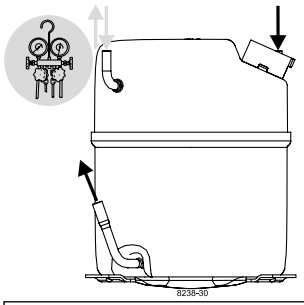
Keep electrical equipment clear from oil, chemicals, and water

When operated with a flammable refrigerant, only spark-proof starting equipment is allowed.

CSCR



	S	C	R
ENGLISH	Black	Brown	Blue or grey
DEUTSCH	Schwarz	Braun	Blau od. grau
FRANÇAIS	Noir	Marron	Bleu ou gris
ESPAÑOL	Negro	Marrón	Azul o gris
ITALIANO	Nero	Marrone	Blu o grigio
NEDERLANDS	Zwart	Bruin	Blauw of grijs
DANSK	Sort	Brun	Blå eller grå
SVENSKA	Svart	Brun	Blå eller grå
SUOMEKSI	Musta	Ruskea	Sininen tai harmaa
РУССКИЙ	Чёрный	Корич-невый	Синий или серый
中文	黑色	棕色	蓝色或灰色



GS Compressors

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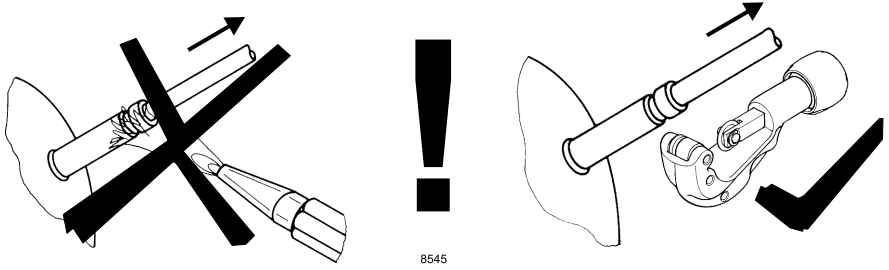
Service/Repair – R1234yf

(applies to all flammable refrigerants)



Dismantling, recycling, disposal: At the end of a compressor's lifecycle, proceed by separating and storing components according to their environmental impact. Parts that may cause pollution must be clearly identified and handled separately, ensuring appropriate disposal. Refrigerant gas must not be released into the environment and should be recovered by qualified operators. Compressor oil must also be collected separately. The compressor should be disposed of at specialized disposal centers in accordance with the applicable regulations. **Subject to modifications/alterations. www.secop.com**