Single
Packs

Single Pack GS26CLX 208-230V 60Hz CSCR

Single pack code number: **195B4635**

Position	Title	Code	Amount
1	Compressor GS26CLX	107B0505	1
2	GS starting device (600mm)	117-7073	1
3	Bolt joint for one compressor | M8 | ø19mm	107B9150	1
Below electrical equipment is pre-assembled on the compressor:			
4	Cover	107B9106	1
5	Cover clamp	107B9104	1
6	Cover gasket	107B9100	1

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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**	**Conf. 2**
Motor configuration	CSCR	CSCR
Power supply (nominal)	208-230 V/60 Hz	208-230 V/60 Hz
Number of phases	1	1
Voltage range	187-254 V	187-254 V
Approvals	UL	UL
Starting torque	HST	HST
Refrigerant	R404A	R452A
Application	LBP	LBP
Hot gas defrost	OK	OK
Long interval pull down	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
GS26CLX

Sales code:
107B0505

Compressor Design

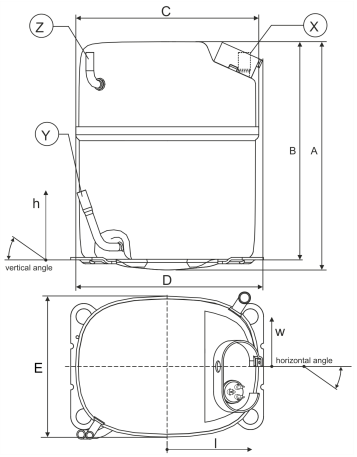
Oil type	**POE**	Motor protection	**internal**
Oil viscosity	**32,5cSt**	Winding resistance main	**1.5 Ohm**
Oil quantity	**902 cm3 / 30.50fl.oz**	Winding resistance aux	**5.8 Ohm**
Free gas volume comp.	**3,220 cm3 / 108.88fl.oz**	Max. discharge temp.	**130°C / 266°F**

Compressor Dimensions

Housing

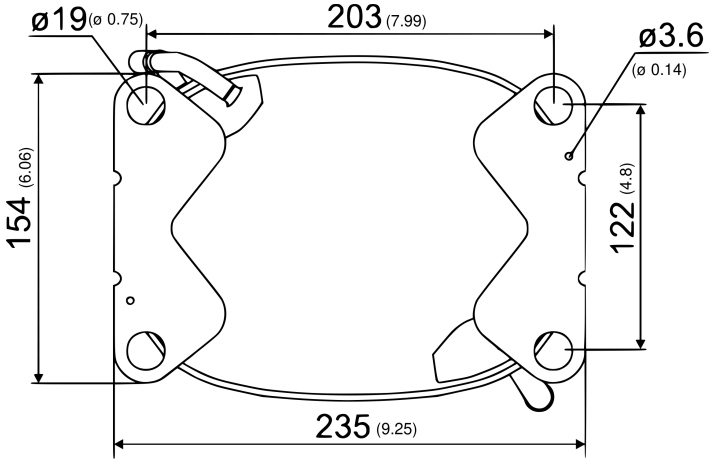
A Height	**279mm / 10.98in**
B Height	**267mm / 10.51in**
C Length shell	**224mm / 8.82in**
D Length w. cover	**232mm / 9.13in**
E Width	**173mm / 6.81in**

Find 3D Model here



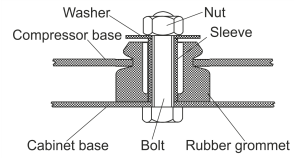
Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 12.75–13.05 / 0.50–0.51in	øi 8.15–8.25 / 0.32–0.32in	øi 6.4–6.6 / 0.25–0.26in
Material	CU	CU	CU
Horizontal angle ±2°	0°	0°	0°
Vertical angle ±2°	90°	71°	90°
Position l/h/w [mm]	-94.5/234/-84 / -3.72/9.21/-3.31in	-105/84/-84 / -4.13/3.31/-3.31in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



Dimensions in mm [in]

Bolt joint



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

Model
GS26CLX Configuration 1

Sales code:
107B0505

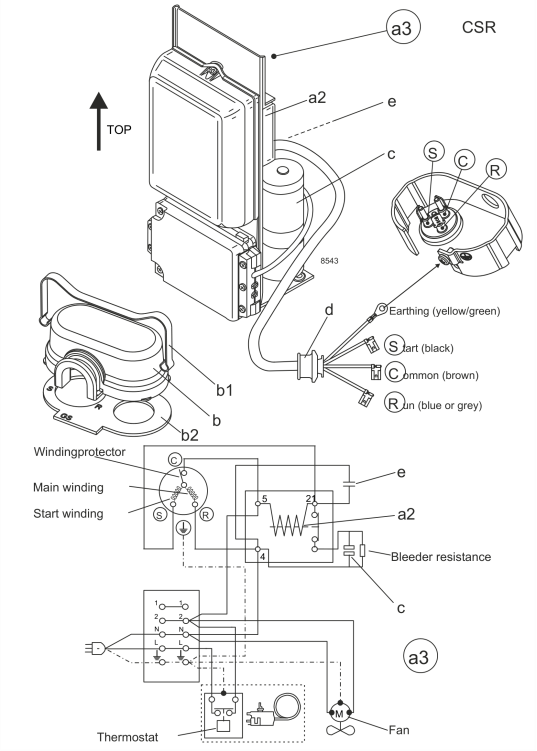
Configuration

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**
LRA (locked rotor amps / 4s/ U(N))	**46 A**
RLA (rated load amps / 1s/ U(N))	**11 A**
Cut in current (U(N))	**46 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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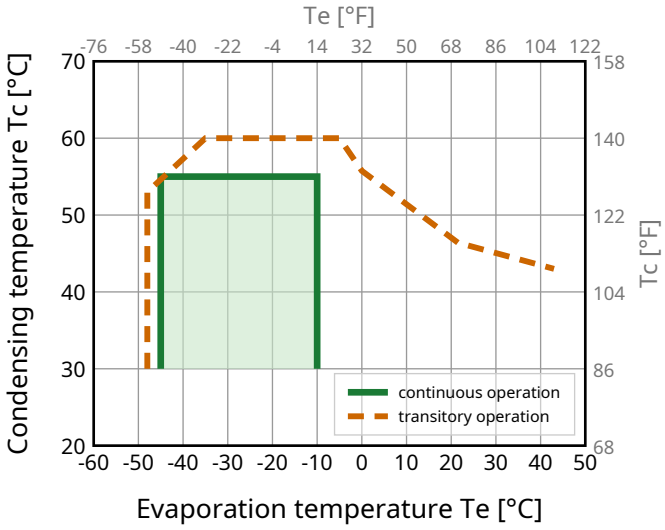
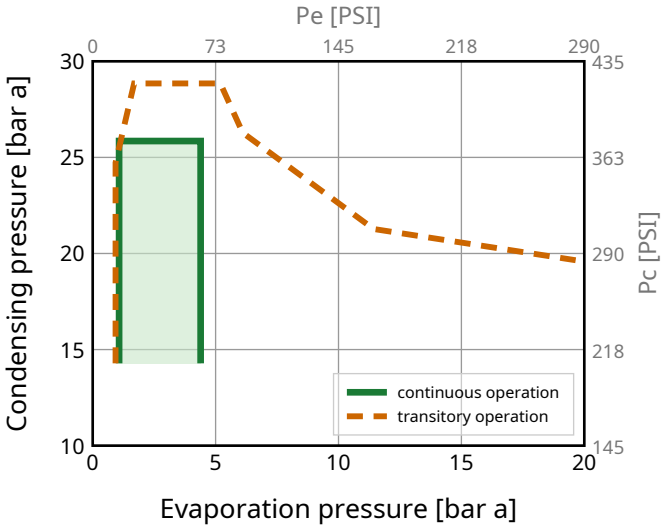
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7073
107B9106
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26CLX Configuration 1

Sales code:
107B0505

Standard Conditions

R404A, 220 V/60 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]	
-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	ṁ
[°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

Model
GS26CLX Configuration 2

Sales code:
107B0505

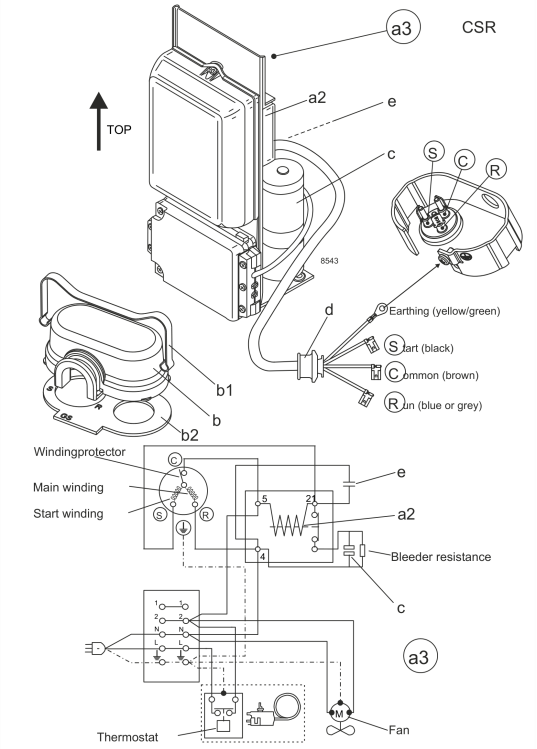
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**208-230 V/60 Hz 1~**
Refrigerant	**R452A**
Application	**LBP**
Voltage range	**187-254 V**
Starting torque	**HST**
Approvals	**UL**
Starting device type	**relay**
Run capacitor	**20 µF**
Start capacitor	**100 µF**
LRA (locked rotor amps / 4s/ U(N))	**46 A**
RLA (rated load amps / 1s/ U(N))	**11 A**
Cut in current (U(N))	**46 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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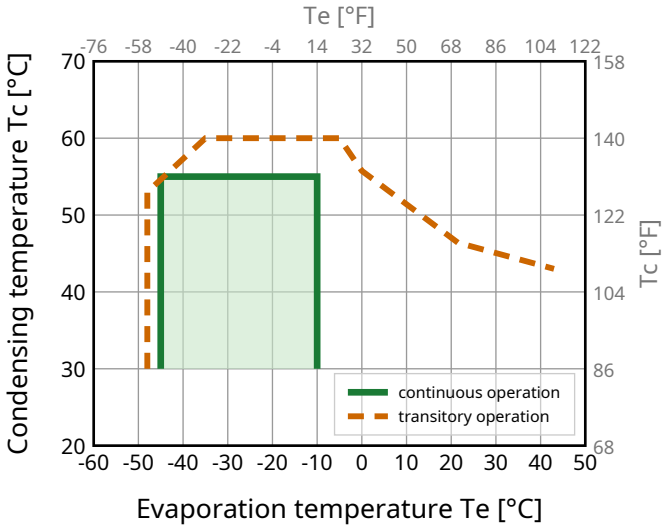
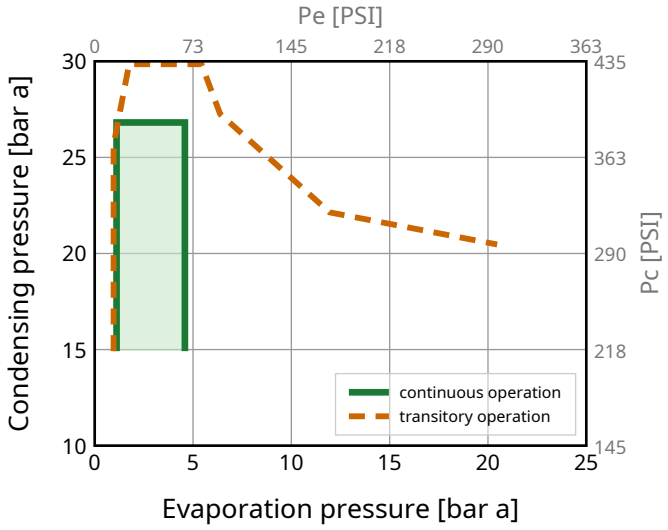
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7073
107B9106
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26CLX Configuration 2

Sales code:
107B0505

Standard Conditions

R452A, 220 V/60 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]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	**1323**	4513	1138	**1.22**	4.15	1089	5.14	32.01	**ASHRAE LBP**
-25 -13	55 131	32 89.6	55 131	**898**	3066	773	**0.86**	2.95	1038	4.91	28.98	**CECOMAF LBP**
-35 -31	40 104	20 68	40 104	**750**	2560	645	**0.98**	3.33	769	3.71	21.13	**EN12900 LBP**
-23.3 -10	48.8 119.8	4.4 39.9	48.8 119.8	**1016**	3466	874	**0.94**	3.21	1078	5.09	37.07	**ARI540 LBP**
-23.3 -10	40.6 105.1	32.2 90	32.2 90	**1565**	5338	1346	**1.49**	5.10	1048	4.96	37.86	**AHAM LBP**
-35 -31	45 113	32 89.6	45 113	**682**	2328	587	**0.88**	2.99	780	3.76	18.91	**opt LBP**

Performance Tables

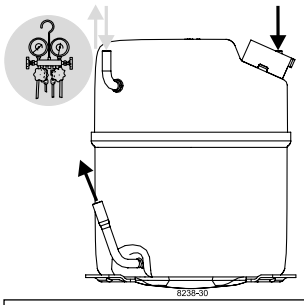
R452A, 220 V/60 Hz, CSCR, fan 3m/s

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

pe		Cooling capacity			COP	EER	P	I	ṁ
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-45	-49	**288**	984	248	**0.46**	1.58	624	3.13	7.94
-40	-40	**476**	1625	410	**0.69**	2.35	691	3.38	13.15
-35	-31	**682**	2328	587	**0.88**	2.99	780	3.76	18.91
-30	-22	**916**	3125	788	**1.03**	3.51	890	4.24	25.48
-25	-13	**1185**	4044	1019	**1.16**	3.97	1019	4.83	33.14
-20	-4	**1500**	5116	1290	**1.29**	4.39	1166	5.50	42.17
-15	5	**1868**	6372	1606	**1.40**	4.79	1330	6.26	52.89
-10	14	**2298**	7842	1977	**1.52**	5.20	1509	7.10	65.62

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

-45	-49	**160**	547	138	**0.26**	0.88	623	3.11	5.08
-40	-40	**319**	1089	275	**0.46**	1.57	692	3.38	10.15
-35	-31	**489**	1669	421	**0.62**	2.13	785	3.77	15.62
-30	-22	**679**	2318	584	**0.75**	2.57	901	4.29	21.79
-25	-13	**898**	3066	773	**0.86**	2.95	1038	4.91	28.98
-20	-4	**1155**	3942	993	**0.97**	3.30	1196	5.64	37.52
-15	5	**1459**	4977	1254	**1.06**	3.63	1372	6.46	47.76
-10	14	**1818**	6201	1563	**1.16**	3.96	1566	7.37	60.07



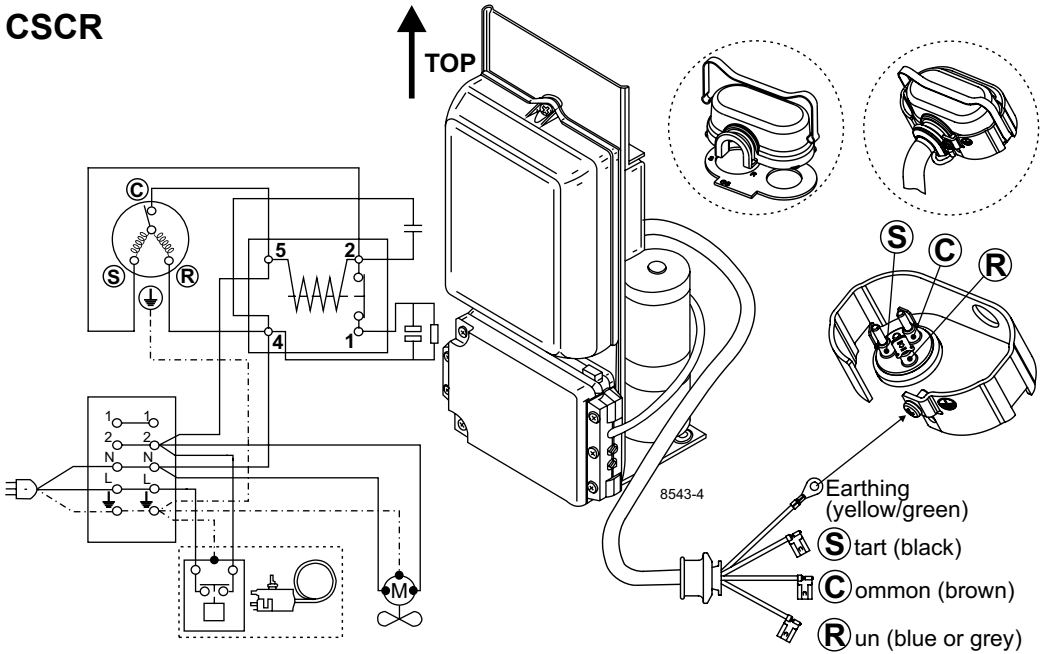
GS Compressors

SECOP

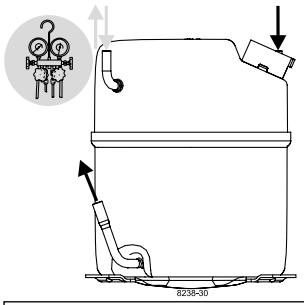
Keep electrical equipment clear from oil, chemicals, and water

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

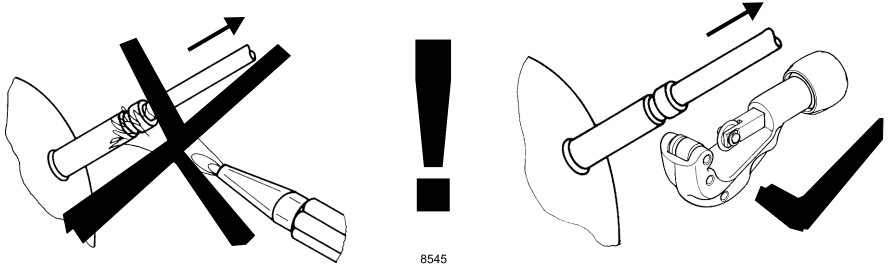
SECOP

Keep electrical equipment clear from oil, chemicals, and water

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

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**