Single
Packs

Single Pack GS26CLX 220-240V 50Hz CSCR

Single pack code number: **195B4626**

Position	Title	Code	Amount
1	Compressor GS26CLX	107B0500	1
2	GS starting device (600mm)	117-7056	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
GS26CLX

Sales code:
107B0500

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)	220-240 V/50 Hz	220-240 V/50 Hz
Number of phases	1	1
Voltage range	198-254 V	198-254 V
Approvals	VDE, CCC, EAC	VDE, CCC
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:
107B0500

Compressor Design

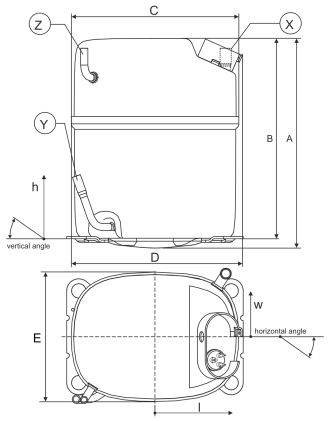
Oil type	**POE**	Winding resistance main	**2.9 Ohm**
Oil viscosity	**32,5cSt**	Winding resistance aux	**5 Ohm**
Oil quantity	**902 / 30.50fl.oz**	Max. winding temp.	**135 °C**
Free gas volume comp.	**3,220 cm3 / 108.88fl.oz**	Max. discharge temp.	**130°C / 266°F**
Motor protection	**internal**		

Compressor Dimensions

Housing

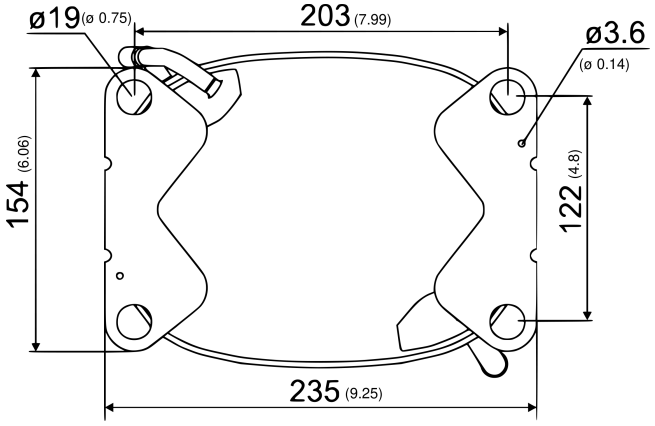
A Height	**259mm / 10.20in**
B Height	**247mm / 9.72in**
C Length shell	**224mm / 8.82in**
D Length w. cover	**232mm / 9.13in**
E Width	**173mm / 6.81in**

Find 3D Model here



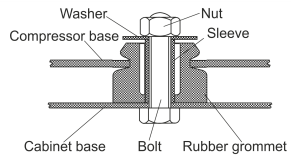
Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 12.75–13.05 / 0.50–0.51in	øi 8.15–8.25 / 0.32–0.32in	øi 6.4–6.6 / 0.25–0.26in
Material	CU	CU	CU
Horizontal angle ±2°	0°	0°	0°
Vertical angle ±2°	90°	71°	90°
Position l/h/w [mm]	-94.5/234/-84 / -3.72/9.21/-3.31in	-105/84/-84 / -4.13/3.31/-3.31in	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:
107B0500

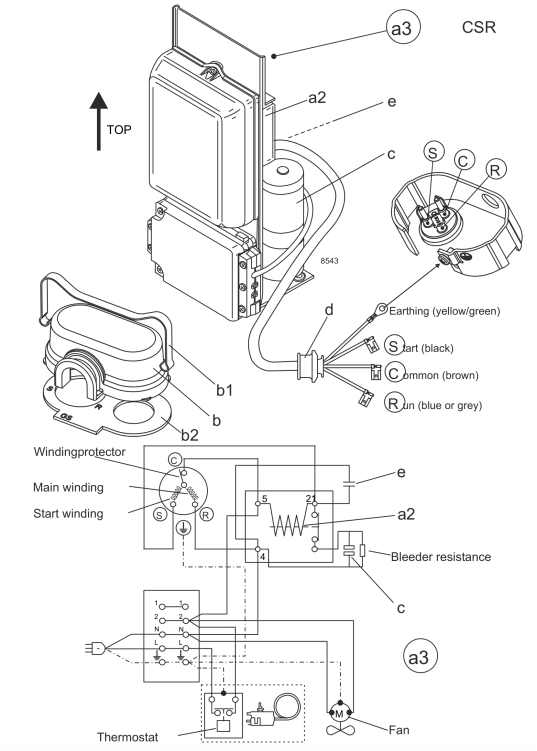
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R404A**
Application	**LBP**
Voltage range	**198-254 V**
Starting torque	**HST**
Approvals	**VDE, CCC, EAC**
Starting device type	**relay**
Run capacitor	**20 µF**
Start capacitor	**100 µF**
LRA (locked rotor amps / 4s/ U(N))	**26 A**
RLA (rated load amps / 1s/ U(N))	**4.8 A**
Cut in current (U(N))	**26 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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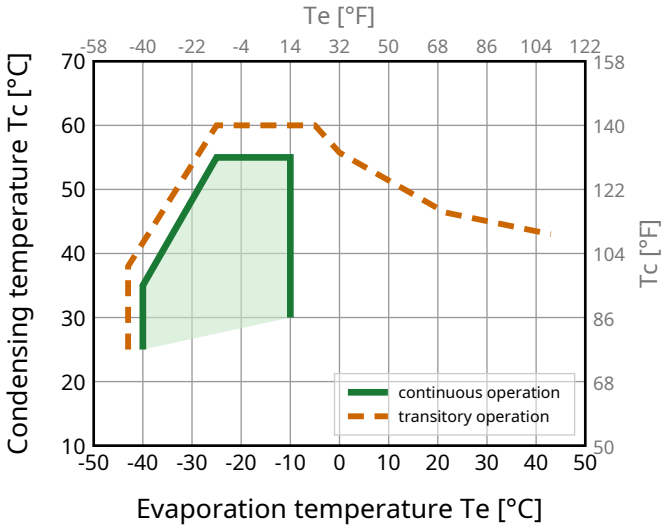
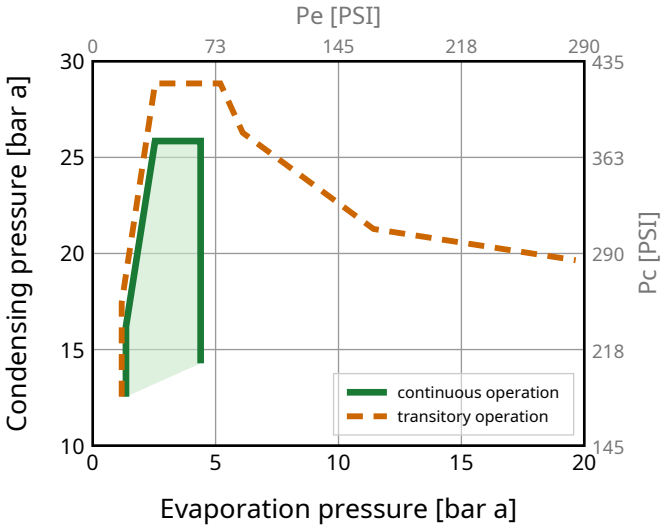
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7056
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26CLX Configuration 1

Sales code:
107B0500

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]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	**1322**	4511	1137	**1.35**	4.60	980	4.16	30.73	**ASHRAE LBP**
-25 -13	55 131	32 89.6	55 131	**888**	3028	763	**0.95**	3.24	933	4.02	27.68	**CECOMAF LBP**
-35 -31	40 104	20 68	40 104	**703**	2399	605	**1.05**	3.59	669	3.31	19.05	**EN12900 LBP**
-23.3 -10	48.8 119.8	4.4 39.9	48.8 119.8	**998**	3404	858	**1.03**	3.51	968	4.14	35.20	**ARI540 LBP**
-23.3 -10	40.6 105.1	32.2 90	32.2 90	**1538**	5248	1323	**1.65**	5.64	931	4.03	35.76	**AHAM LBP**
-35 -31	45 113	32 89.6	45 113	**640**	2182	550	**0.95**	3.23	675	3.33	17.06	**opt LBP**

Performance Tables

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

pc= 45/113 | RGT= 20/68 | 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]
-40	-40	**416**	1420	358	**0.75**	2.55	558	3.08	11.99
-35	-31	**607**	2070	522	**0.90**	3.07	675	3.33	17.57
-30	-22	**833**	2843	716	**1.05**	3.59	792	3.63	24.25
-25	-13	**1100**	3754	946	**1.21**	4.11	912	3.97	32.22
-20	-4	**1412**	4818	1214	**1.36**	4.64	1038	4.36	41.66
-15	5	**1774**	6054	1526	**1.51**	5.15	1175	4.80	52.80
-10	14	**2191**	7477	1885	**1.65**	5.64	1326	5.29	65.89

pc= 55/131 | RGT= 20/68 | Tliq= 55/131 | °C/°F

-40	-40	**264**	902	227	**0.51**	1.74	520	2.97	8.94
-35	-31	**423**	1444	364	**0.64**	2.19	660	3.27	14.37
-30	-22	**610**	2080	524	**0.77**	2.61	796	3.62	20.82
-25	-13	**828**	2826	712	**0.89**	3.03	933	4.02	28.50
-20	-4	**1084**	3700	933	**1.01**	3.45	1074	4.46	37.65
-15	5	**1383**	4718	1189	**1.13**	3.86	1223	4.96	48.49
-10	14	**1728**	5895	1486	**1.25**	4.26	1384	5.50	61.34

Model
GS26CLX Configuration 2

Sales code:
107B0500

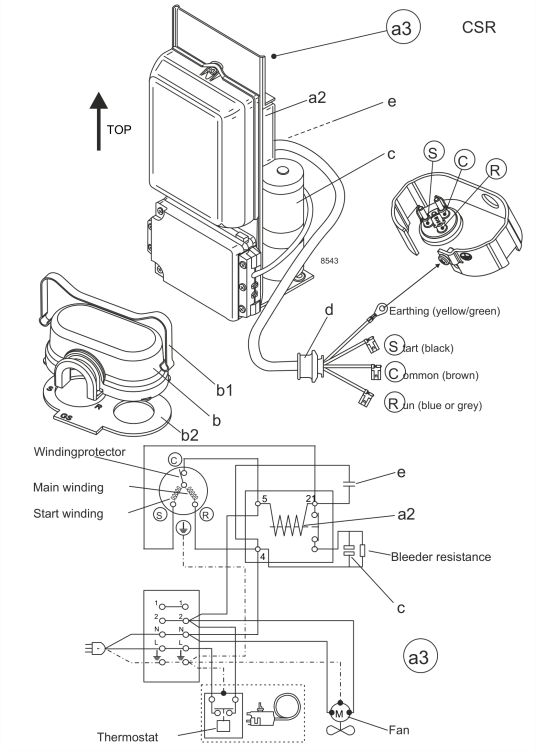
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R452A**
Application	**LBP**
Voltage range	**198-254 V**
Starting torque	**HST**
Approvals	**VDE, CCC**
Starting device type	**relay**
Run capacitor	**20 µF**
Start capacitor	**100 µF**
LRA (locked rotor amps / 4s/ U(N))	**26 A**
RLA (rated load amps / 1s/ U(N))	**4.8 A**
Cut in current (U(N))	**26 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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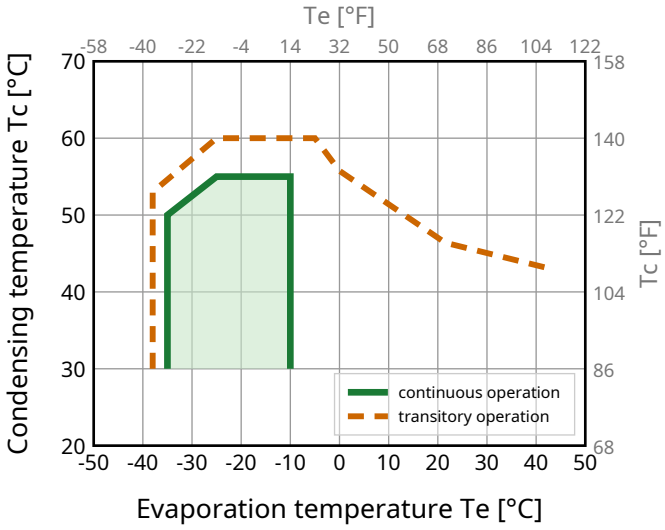
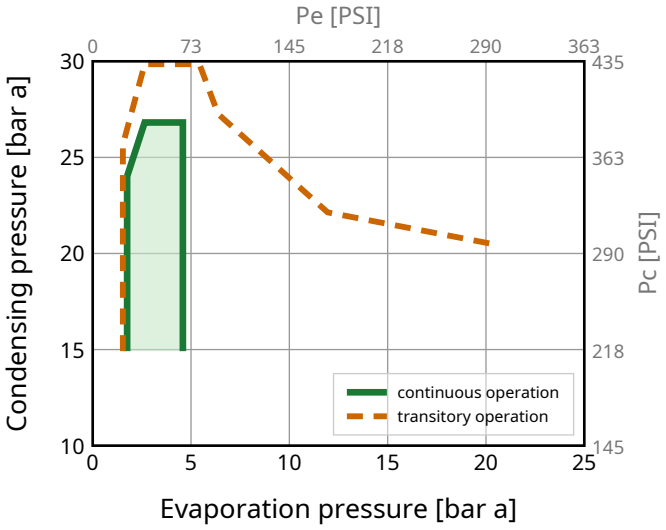
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7056
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26CLX Configuration 2

Sales code:
107B0500

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]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	**1219**	4158	1048	**1.35**	4.60	904	3.97	29.49	**ASHRAE LBP**
-25 -13	55 131	32 89.6	55 131	**818**	2793	704	**0.95**	3.26	858	3.83	26.41	**CECOMAF LBP**
-35 -31	40 104	20 68	40 104	**638**	2175	548	**1.04**	3.57	610	3.06	17.96	**EN12900 LBP**
-23.3 -10	48.8 119.8	4.4 39.9	48.8 119.8	**925**	3157	796	**1.03**	3.52	896	3.95	33.78	**ARI540 LBP**
-23.3 -10	40.6 105.1	32.2 90	32.2 90	**1416**	4830	1218	**1.64**	5.58	866	3.86	34.26	**AHAM LBP**
-35 -31	45 113	32 89.6	45 113	**574**	1959	494	**0.93**	3.19	615	3.08	15.91	**opt LBP**

Performance Tables

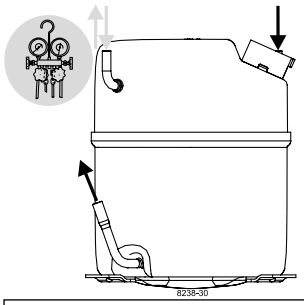
R452A, 220 V/50 Hz, CSCR, fan 3m/s

pc= 45/113 | RGT= 20/68 | 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]
-35	-31	**545**	1860	469	**0.89**	3.03	615	3.08	16.38
-30	-22	**756**	2578	650	**1.04**	3.54	729	3.43	22.83
-25	-13	**1012**	3453	870	**1.20**	4.09	844	3.79	30.76
-20	-4	**1317**	4494	1133	**1.36**	4.65	965	4.17	40.32
-15	5	**1673**	5708	1439	**1.53**	5.21	1096	4.57	51.65
-10	14	**2082**	7104	1791	**1.68**	5.72	1242	5.02	64.95

pc= 55/131 | RGT= 20/68 | Tliq= 55/131 | °C/°F

-35	-31	**372**	1271	320	**0.63**	2.14	595	3.02	13.07
-30	-22	**551**	1881	474	**0.76**	2.59	726	3.42	19.46
-25	-13	**765**	2611	658	**0.89**	3.04	858	3.83	27.20
-20	-4	**1017**	3469	874	**1.02**	3.49	994	4.25	36.44
-15	5	**1308**	4463	1125	**1.15**	3.92	1139	4.70	47.36
-10	14	**1642**	5603	1412	**1.27**	4.32	1297	5.19	60.17



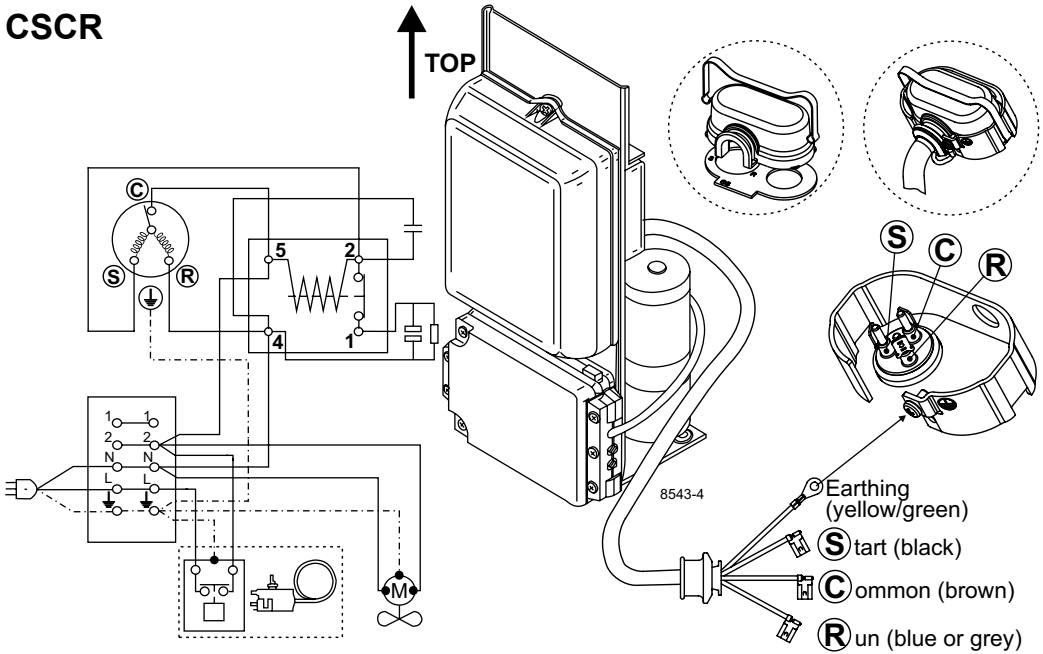
GS Compressors

SECOP

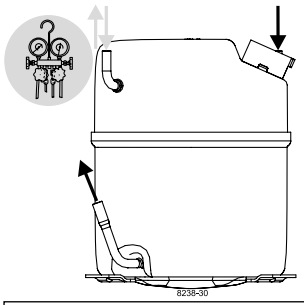
Keep electrical equipment clear from oil, chemicals, and water

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

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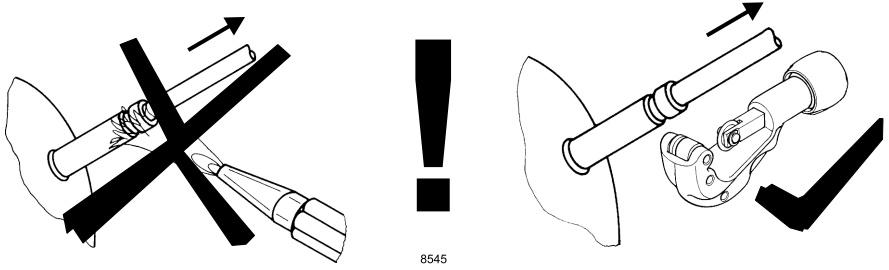
When operated with a flammable refrigerant, only spark-proof starting equipment is allowed.

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**