Single
Packs

Single Pack GS26MFX 220-240V 50Hz CSCR

Single pack code number: **195B4633**

Position	Title	Code	Amount
1	Compressor GS26MFX	107B0700	1
2	GS starting device (600mm)	117-7055	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
GS26MFX

Sales code:
107B0700

Compressor Data

Refrigerant(s)	**R134a / R513A**
Refr. charge - tech. limit	**2000g / 70.55oz**
Weight	**19.10 kg / 42.11lbs**
Displacement	**26.30 cm3 / 1.60cu.in**
Compressors on pallet	**48**

General – Configurations With GS26MFX

–	**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	VDE, CCC
Starting torque	HST	HST
Refrigerant	R134a	R513A
Application	MBP	MBP
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
GS26MFX

Sales code:
107B0700

Compressor Design

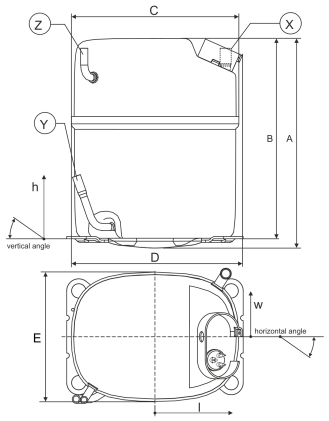
Oil type	**POE**	Winding resistance main	**3.7 Ohm**
Oil viscosity	**32,5cSt**	Winding resistance aux	**4 Ohm**
Oil quantity	**902 / 30.50fl.oz**	Max. winding temp.	**135 °C**
Free gas volume comp.	**3,350 cm3 / 113.28fl.oz**	Max. discharge temp.	**130°C / 266°F**
Motor protection	**internal**		

Compressor Dimensions

Housing

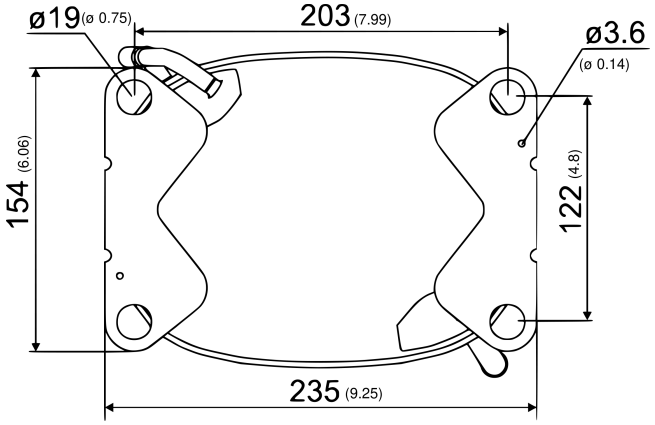
A Height	**259mm / 10.20in**
B Height	**247mm / 9.72in**
C Length shell	**224mm / 8.82in**
D Length w. cover	**232mm / 9.13in**
E Width	**173mm / 6.81in**

Find 3D Model here



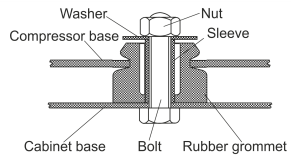
Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 12.75–13.05 / 0.50–0.51in	øi 8.15–8.25 / 0.32–0.32in	øi 6.4–6.6 / 0.25–0.26in
Material	CU	CU	CU
Horizontal angle ±2°	0°	0°	0°
Vertical angle ±2°	90°	71°	90°
Position l/h/w [mm]	-94.5/234/-84 / -3.72/9.21/-3.31in	-105/84/-84 / -4.13/3.31/-3.31in	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
GS26MFX Configuration 1

Sales code:
107B0700

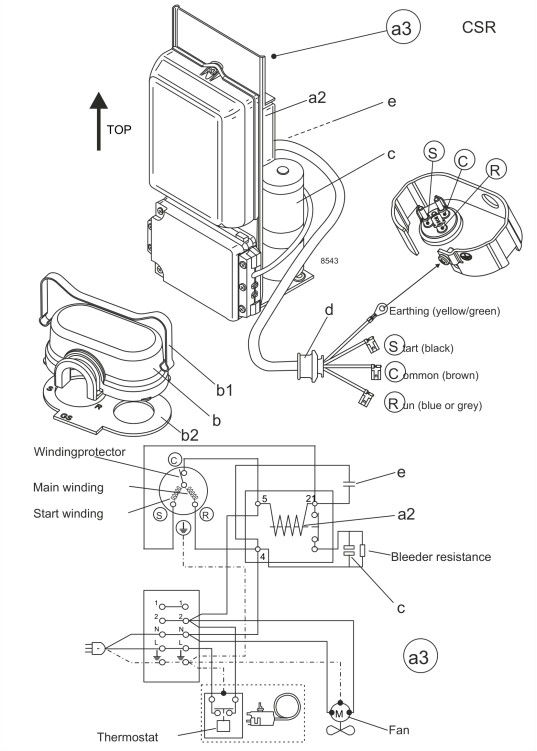
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R134a**
Application	**MBP**
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))	**20 A**
RLA (rated load amps / 1s/ U(N))	**3.8 A**
Cut in current (U(N))	**20 A**

Ambient/ machine room temperatures minimum /maximum
Ambient temperature range: 10 - 43°C / 50 - 109°F
Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling
fan 3m/s

Electrical Accessories / Wiring Diagram



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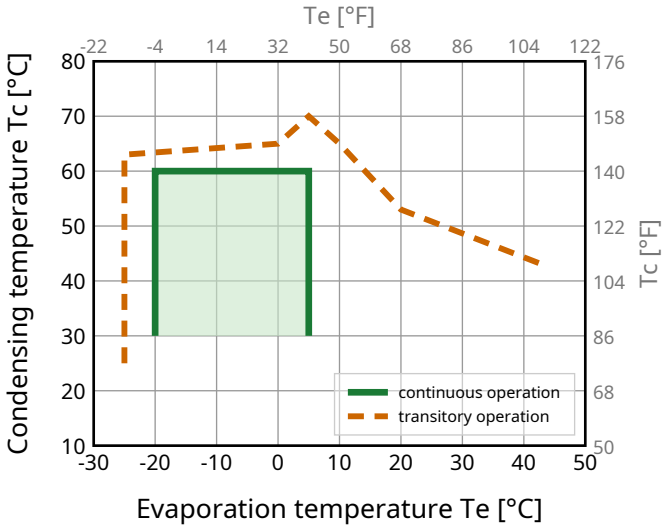
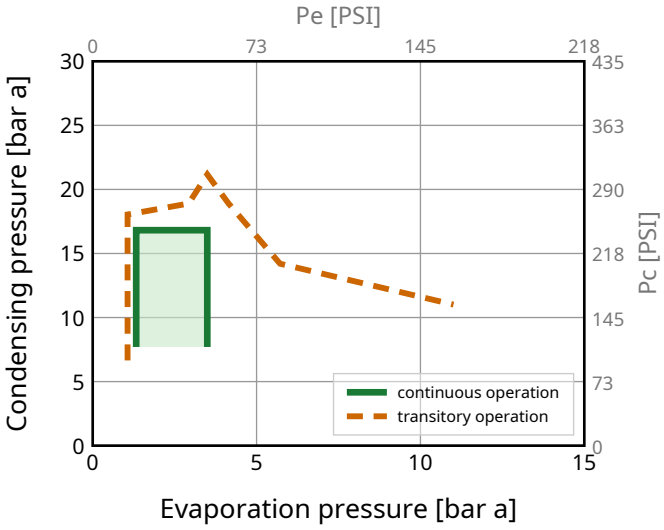
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7055
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26MFX Configuration 1

Sales code:
107B0700

Standard Conditions

R134a, 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	**1442**	4920	1240	**1.82**	6.20	793	3.69	31.40	**ASHRAE MBP**
-10 14	55 131	32 89.6	55 131	**1116**	3808	960	**1.52**	5.18	735	3.42	26.91	**CECOMAF MBP**
-10 14	45 113	20 68	45 113	**1266**	4318	1088	**1.82**	6.21	695	3.19	29.51	**EN12900 MBP**
-6.7 20	48.8 119.8	18.3 64.9	48.8 119.8	**1380**	4707	1186	**1.80**	6.16	765	3.52	33.90	**ARI540 MBP**
-10 14	45 113	32 89.6	45 113	**1312**	4477	1128	**1.89**	6.44	695	3.19	28.65	**opt MBP 1**
-25 -13	45 113	32 89.6	45 113	**575**	1961	494	**1.21**	4.13	474	2.32	12.42	**opt MBP 2**

Performance Tables

R134a, 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]
-20	-4	**754**	2574	649	**1.38**	4.72	546	2.57	17.44
-15	5	**989**	3374	850	**1.60**	5.45	619	2.86	22.95
-10	14	**1266**	4318	1088	**1.82**	6.21	695	3.19	29.51
-5	23	**1590**	5427	1368	**2.06**	7.01	774	3.55	37.30
0	32	**1970**	6723	1694	**2.30**	7.85	856	3.94	46.53
5	41	**2411**	8227	2074	**2.56**	8.74	941	4.38	57.41

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

-20	-4	**629**	2147	541	**1.12**	3.81	563	2.63	16.16
-15	5	**833**	2841	716	**1.29**	4.39	646	3.01	21.48
-10	14	**1069**	3648	919	**1.45**	4.96	735	3.42	27.72
-5	23	**1345**	4588	1156	**1.62**	5.53	829	3.86	35.09
0	32	**1666**	5684	1433	**1.79**	6.12	929	4.35	43.80
5	41	**2039**	6957	1754	**1.97**	6.73	1034	4.86	54.10

Model
GS26MFX Configuration 2

Sales code:
107B0700

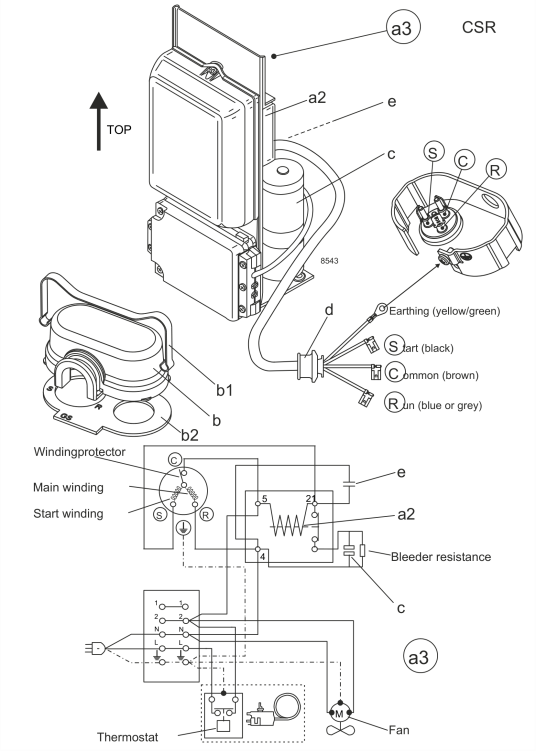
Configuration

Motor configuration	**CSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R513A**
Application	**MBP**
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))	**20 A**
RLA (rated load amps / 1s/ U(N))	**3.8 A**
Cut in current (U(N))	**20 A**

Ambient/ machine room temperatures minimum /maximum
Ambient temperature range: 10 - 43°C / 50 - 109°F
Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling
fan 3m/s

Electrical Accessories / Wiring Diagram



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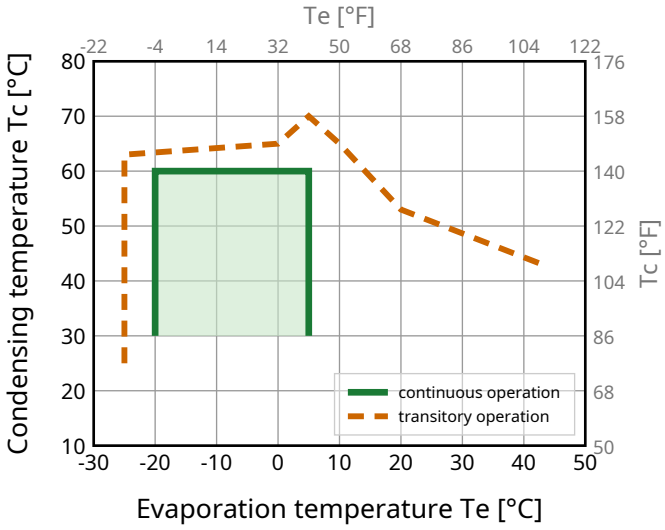
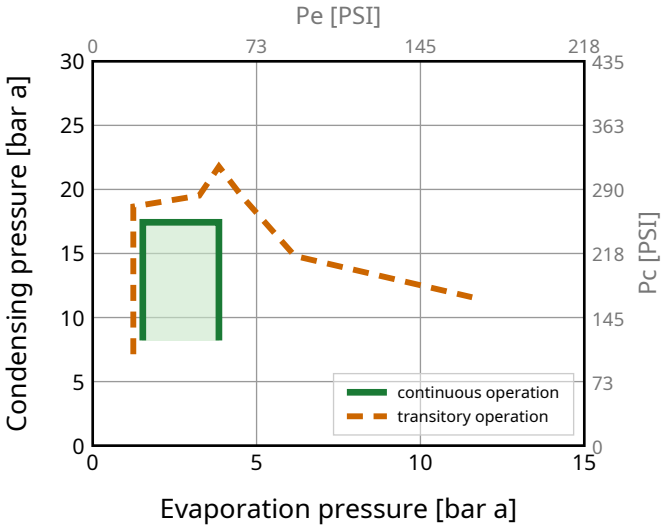
Components (cover, clamp, gasket: pre assembled)
a3 GS starter kit (600mm) 117-7055
b cover 107B9101
b2 gasket 107B9100
b1 clamp 107B9104

Operation Pressure Range





Model
GS26MFX Configuration 2

Sales code:
107B0700

Standard Conditions

R513A, 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	**1536**	5242	1321	**1.81**	6.19	847	3.96	38.30	**ASHRAE MBP**
-10 14	55 131	32 89.6	55 131	**1177**	4016	1012	**1.49**	5.09	789	3.69	33.03	**CECOMAF MBP**
-10 14	45 113	20 68	45 113	**1333**	4549	1147	**1.79**	6.12	743	3.48	36.10	**EN12900 MBP**
-6.7 20	48.8 119.8	18.3 64.9	48.8 119.8	**1434**	4893	1233	**1.76**	6.00	815	3.81	41.29	**ARI540 MBP**
-10 14	45 113	32 89.6	45 113	**1400**	4777	1204	**1.88**	6.42	743	3.48	35.05	**opt MBP 1**
-25 -13	45 113	32 89.6	45 113	**636**	2168	547	**1.22**	4.17	520	2.46	15.72	**opt MBP 2**

Performance Tables

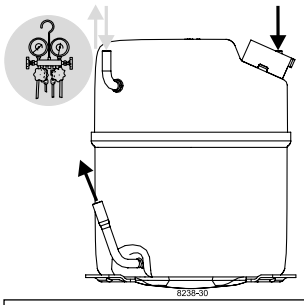
R513A, 220 V/50 Hz, CSCR, fan 3m/s

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]
-20	-4	**812**	2771	698	**1.37**	4.68	592	2.79	21.76
-15	5	**1052**	3590	905	**1.58**	5.39	666	3.13	28.33
-10	14	**1333**	4549	1147	**1.79**	6.12	743	3.48	36.10
-5	23	**1661**	5667	1428	**2.02**	6.89	823	3.85	45.27
0	32	**2041**	6964	1755	**2.25**	7.69	906	4.23	56.08
5	41	**2480**	8461	2133	**2.50**	8.53	992	4.63	68.80

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

-20	-4	**670**	2285	576	**1.09**	3.72	614	2.89	20.29
-15	5	**874**	2983	752	**1.25**	4.27	699	3.28	26.63
-10	14	**1110**	3787	954	**1.41**	4.80	789	3.69	34.02
-5	23	**1382**	4715	1189	**1.56**	5.33	884	4.13	42.69
0	32	**1697**	5790	1459	**1.72**	5.88	986	4.60	52.89
5	41	**2061**	7031	1772	**1.89**	6.43	1093	5.09	64.93



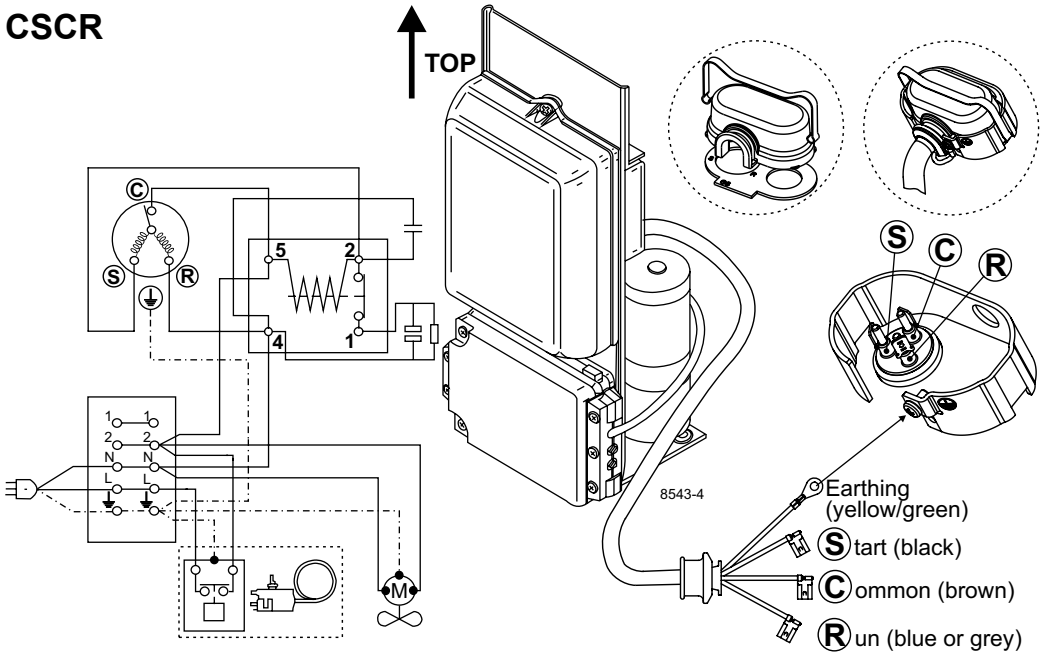
GS Compressors

SECOP

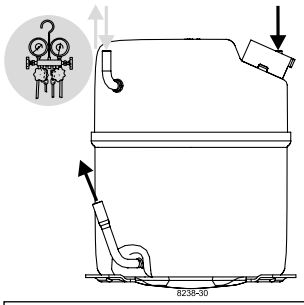
Keep electrical equipment clear from oil, chemicals, and water

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

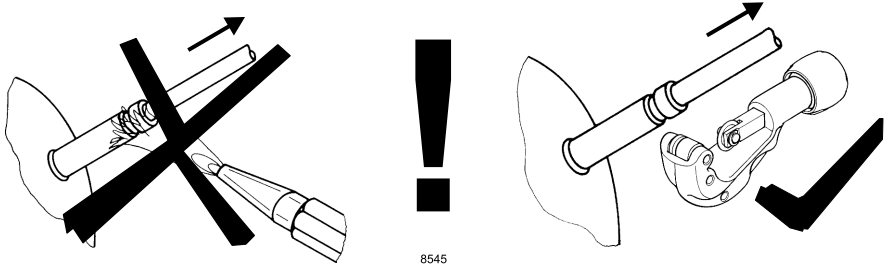
SECOP

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**