

## Single Pack SC15FTX 100-127V 60Hz CSIR

Single pack code number: **195B4138**

Position	Title	Code	Amount
1	Compressor SC15FTX	104G7505	1
2	Starting relay	117U6020	1
3	Starting capacitor (240µF 125V, 6.3mm)	117U5023	1
4	Cord relief	103N1004	1
5	Cover	103N2008	1
6	Bolt joint for one compressor   M6   ø16mm	118-1917	1

**Secop GmbH** • Lise-Meitner-Straße 29 • 24941 Flensburg, Germany • Tel: +49 461 4941 0 • [www.secop.com](http://www.secop.com)

Secop accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Secop reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Secop GmbH. All rights reserved.

## SC15FTX Tropical Compressor R134a 115-127V 60Hz & 100V 50/60Hz

### General

Code number	104G7505
Approvals	UL984
Compressors on pallet	80

### Application

Application	LBP/MBP			
Frequency	Hz	50	60	
Evaporating temperature	°F	-31 to 23	-31 to 23	
Voltage range	V	90 - 110	90 - 135	
Max. condensing temperature continuous (short)	°F	140 (158)	140 (158)	
Max. winding temperature continuous (short)	°F	257 (275)	257 (275)	

### Cooling requirements

Frequency	Hz	50	60
Application	LBP MBP HBP	LBP MBP HBP	
90°F	F <sub>2</sub> F <sub>2</sub> -	F <sub>2</sub> F <sub>2</sub> -	
100°F	F <sub>2</sub> F <sub>2</sub> -	F <sub>2</sub> F <sub>2</sub> -	
110°F	F <sub>2</sub> F <sub>2</sub> -	F <sub>2</sub> F <sub>2</sub> -	
Remarks on application: LBP 90 - 110V, 60Hz MBP 95 - 135, 60Hz			

### Motor

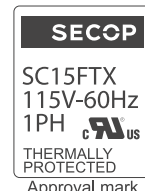
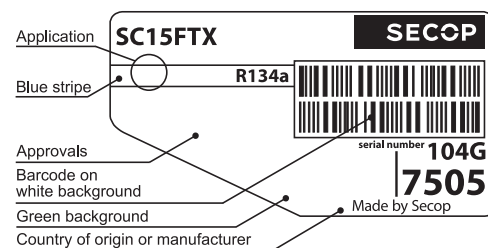
Motor type	CSIR		
LRA (rated after 4 sec. UL984), HST   LST	A	42.0	-
Cut in Current, HST   LST	A	42.0	-
Resistance, main   start winding (77°F)	Ω	1.0	4.3

### Design

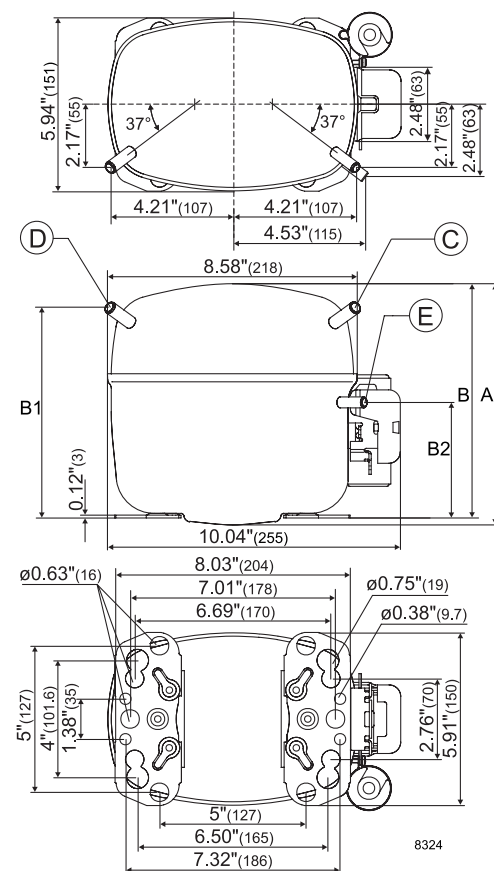
Displacement	cu.in	0.93
Oil quantity (type)	fl.oz.	20.3 (polyolester)
Maximum refrigerant charge	oz.	45.5
Free gas volume in compressor	fl.oz.	49.4
Weight without electrical equipment	lbs.	27.7

### Dimensions

Height	inch	A	8.23
		B	8.00
		B1	7.20
		B2	3.93
Suction connector	location, I.D. in.   angle	C	0.320-0.327   37°
	material   comment		Copper   Rubber plug
Process connector	location, I.D. in.   angle	D	0.252-0.259   37°
	material   comment		Copper   Rubber plug
Discharge connector	location, I.D. in.   angle	E	0.252-0.259   37°
	material   comment		Copper   Rubber plug
Oil cooler connector	location, I.D. in.   angle	F	-
	material   comment		-
Remarks:			



- S = Static cooling normally sufficient
- O = Oil cooling
- F<sub>1</sub> = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)
- F<sub>2</sub> = Fan cooling 3.0 m/s necessary
- SG = Suction gas cooling normally sufficient
- = not applicable in this area



**ASHRAE LBP**

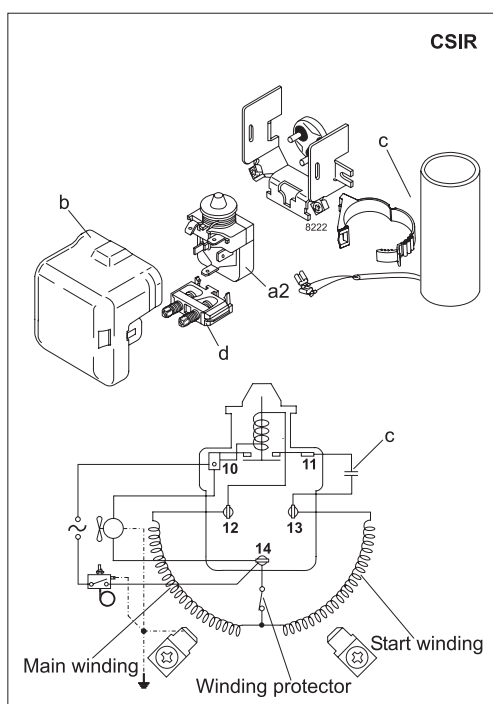
 115V, 60Hz, fan cooling F<sub>2</sub>

Evap. temp. in °F	-49	-40	-30	-20	-13	-10	0	10	14	20	30	40	41	45	50	59	68
Capacity in BTU/h			711	1094	1404	1550	2096	2750	3046	3531							
Power cons. in W			237	325	382	405	481	555	585	632							
Current cons. in A			4.82	5.27	5.60	5.75	6.26	6.81	7.03	7.39							
EER in BTU/Wh			3.00	3.37	3.68	3.83	4.36	4.95	5.20	5.58							

**EN 12900 Household (CECOMAF)**

 115V, 60Hz, fan cooling F<sub>2</sub>

Evap. temp. in °F	-49	-40	-30	-20	-13	-10	0	10	14	20	30	40	41	45	50	59	68
Capacity in W			167	258	332	367	497	652	722	836							
Power cons. in W			237	325	382	405	481	555	585	632							
Current cons. in A			4.82	5.27	5.60	5.75	6.26	6.81	7.03	7.39							
COP in W/W			0.72	0.80	0.87	0.91	1.03	1.17	1.23	1.32							

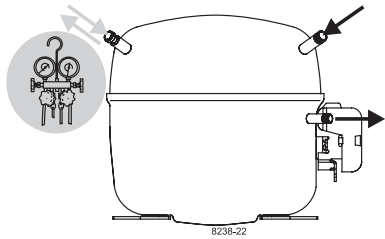


Accessories for	SC15FTX	Figure	Code number	Test conditions	ASHRAE LBP	EN 12900 HH (CECOMAF)
PTC starting device	1/4 in. spade connect.	—	—	Condensing temp.	130°F	131°F
	3/16 in. spade connect.	—	—	Ambient temperature	90°F	90°F
Starting relay	1/4 in. spade connect.	a2	117U6020	Suction gas temp.	90°F	90°F
Cover		b	103N2008	Liquid temperature	90°F	131°F
Start. capacitor 240 µF	1/4 in. spade connect.	c	117U5023			
Cord relief		d	103N1004			
Protection screen for PTC		—	—			

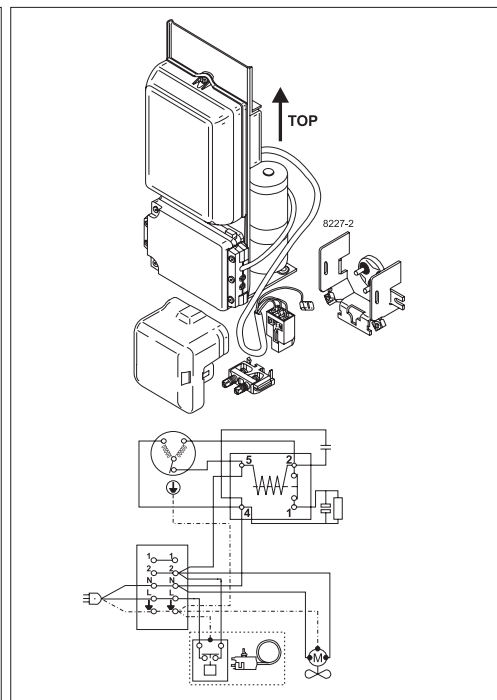
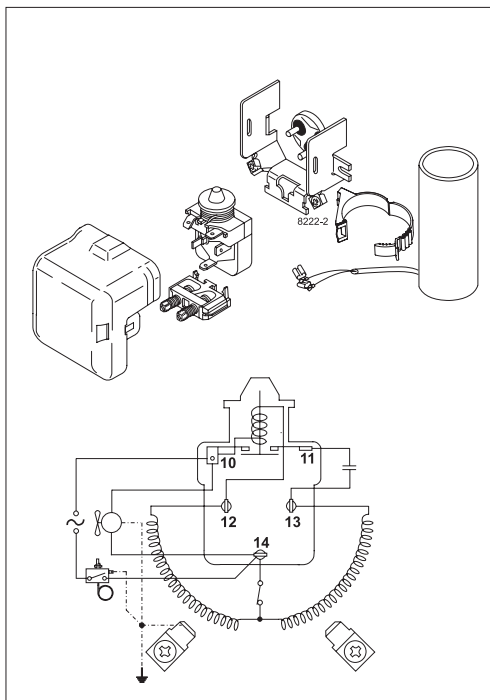
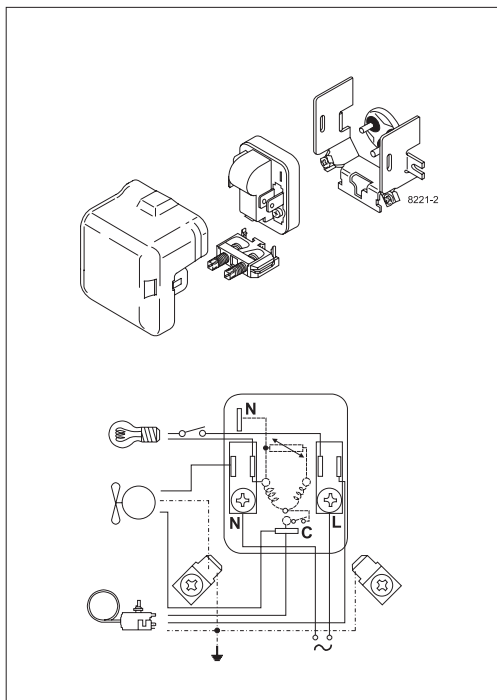
Mounting accessories		Code number
Bolt joint for one comp.	Ø: 5/8 in.	118-1917
Bolt joint in quantities	Ø: 5/8 in.	118-1918
Snap-on in quantities	Ø: 5/8 in.	118-1919

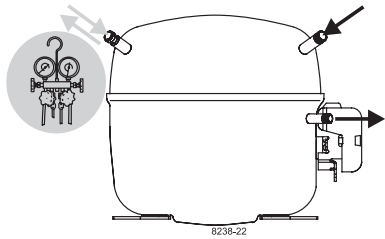
Secop accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Secop reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without consequential changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Secop GmbH. All rights reserved. [www.secop.com](http://www.secop.com)



# SC Compressors

**SECOP**

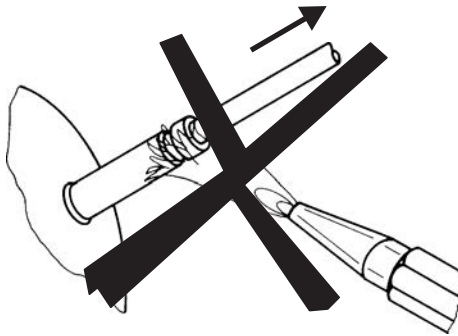




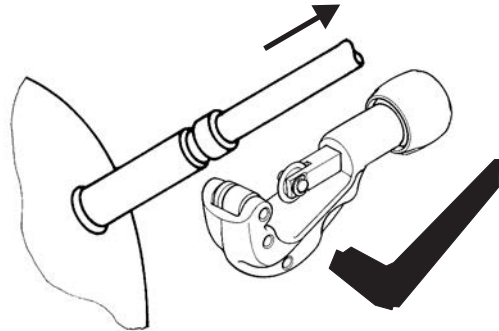
# SC Compressors

## Service/Repair – R290

**SECOP**



8545



Secop accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Secop reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Secop GmbH. All rights reserved. [www.secop.com](http://www.secop.com)