# Single Packs



## Single Pack TL2.5G 115V 60Hz RSIR

Single pack code number: 195B4058

Position	Title	Code	Amount
1	Compressor TL2.5G	102G3255	1
2	PTC starting device (115V, 50hm, 6.3mm)	103N0026	1
3	Protection screen for PTC	103N0476	1
4	Cord relief	103N1010	1
5	Cover	103N2011	1
6	Bolt joint for one compressor   M6   ø16mm	118-1917	1

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#### TL2.5G Universal Compressor R134a 115V 60Hz

#### General

Code number	102G3255
Approvals	UL984
Compressors on pallet	125

#### Application

Application	LBP/HBP				
Frequency	Hz	50	60		
Evaporating temperature	°F	_	-13 to 59		
Voltage range	V	_	103 - 127		
Max. condensing temperature continuous (short)	°F	_	140 (158)		
Max. winding temperature continuous (short)	°F	_	257 (275)		



Frequency	Hz		50			60	
Application		LBP	MBP	HBP	LBP	МВР	НВР
90°F		_	_	_	S	S	S
100°F		_	_	_	S	S	S
110°F		_	_	_	S	S	S
Remarks on application:							

Application TL2.5G SECOP

Blue stripe R134a

Approvals

Barcode on white background

Green background

Country of origin or manufacturer



S = Static cooling normally sufficient

O = Oil cooling

ø0.35"(9)

 $F_1$  = Fan cooling 1.5 m/s

(compressor compartment temperature equal to ambient temperature)

 $F_2$  = Fan cooling 3.0 m/s necessary

SG = Suction gas cooling normally sufficent

= not applicable in this area

#### Motor

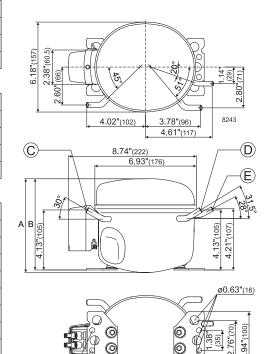
Motor type	RSIR			
LRA (rated after 4 sec. UL984), HST   LST	Α	_	7.0	
Cut in Current, HST   LST	Α	-	16.0	
Resistance, main   start winding (77°F)	Ω	5.3	4.9	

#### Design

Displacement	cu.in	0.16
Oil quantity (type)	fl.oz.	9.5 (polyolester)
Maximum refrigerant charge	OZ.	14.0
Free gas volume in compressor	fl.oz.	54.3
Weight without electrical equipment	lbs.	14.7

#### Dimensions

Height	inch	Α	6.42
		В	6.26
		В1	_
		B2	_
Suction connector	location, I.D. in.   angle	С	0.252-0.259   30°
	material   comment		Copper   Rubber plug
Process connector	location, I.D. in.   angle	D	0.252-0.259   31.5°
	material   comment		Copper   Rubber plug
Discharge connector	location, I.D. in.   angle	Е	0.202-0.205   28°
	material   comment		Copper   Rubber plug
Oil cooler connector	location, I.D. in.   angle	F	_
	material   comment		_
Remarks:	_		



6.70"(170) 7.01"(178) 7.32"(186) 8.03"(204)

#### **ASHRAE LBP**

#### 115V, 60Hz, static cooling

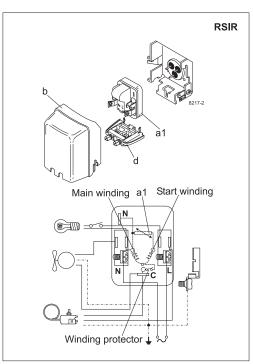
			- ,	, -		- 3											
Evap. temp. in °F	-49	-40	-30	-20	-13	-10	0	10	14	20	30	32	40	45	50	59	68
Capacity in BTU/h					170	190	279	402	463	557	746	791	969	1093	1226	1488	
Power cons. in W					69	72	81	91	95	101	113	115	124	131	137	149	
Current cons. in A					1.22	1.23	1.28	1.34	1.36	1.41	1.48	1.49	1.56	1.60	1.64	1.73	
EER in BTU/Wh					2.46	2.66	3.46	4.43	4.87	5.50	6.63	6.89	7.79	8.36	8.94	9.97	

#### ASHRAE HBP 115V, 60Hz, static cooling

Evap. temp. in °F	-49	-40	-30	-20	-13	-10	0	10	14	20	30	32	40	45	50	59	68
Capacity in BTU/h					150	169	248	356	412	493	660	702	857	966	1083	1312	
Power cons. in W					69	72	81	91	95	101	113	115	124	131	137	149	
Current cons. in A					1.22	1.23	1.28	1.34	1.36	1.41	1.48	1.49	1.56	1.60	1.64	1.73	
EER in BTU/Wh					2.18	2.36	3.07	3.92	4.36	4.87	5.87	6.14	6.88	7.39	7.89	8.79	

#### EN 12900 Household (CECOMAF) 115V, 60Hz, static cooling

Evap. temp. in °F	-49	-40	-30	-20	-13	-10	0	10	14	20	30	32	40	45	50	59	68
Capacity in W					41	45	67	96	108	133	178	186	231	260	291	353	
Power cons. in W					69	72	81	91	95	101	113	115	124	131	137	149	
Current cons. in A					1.22	1.23	1.28	1.34	1.37	1.41	1.48	1.50	1.56	1.60	1.64	1.73	
COP in W/W					0.59	0.64	0.83	1.06	1.14	1.31	1.58	1.61	1.85	1.99	2.12	2.36	



Accessories for	TL2.5G	Figure	Code number			
PTC starting device	1/4 in. spade connect.	0.1	103N0026			
	3/16 in. spade connect.	a1	103N0023			
Cover		b	103N2011			
Cord relief		d	103N1010			

Test conditions	ASHRAE LBP	ASHRAE HBP	EN 12900/ CECOMAF
Condensing temp.	130°F	130°F	131°F
Ambient temp.	90°F	95°F	90°F
Suction gas temp.	90°F	95°F	90°F
Liquid temperature	90°F	115°F	131°F

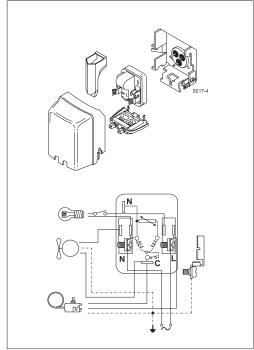
Mounting accessories		Code number
Bolt joint for one comp.	Ø: 5/8 in.	118-1917
Bolt joint in quantities	Ø: 5/8 in.	118-1918
Snap-on in quantities	Ø: 5/8 in.	118-1919

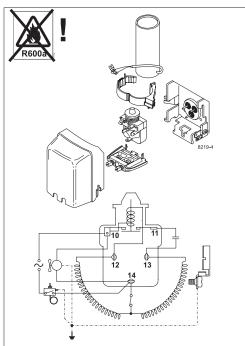
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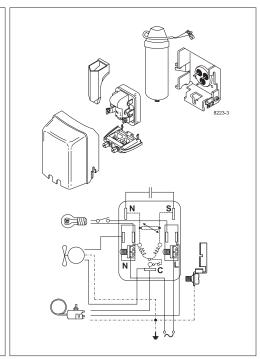


## **TL Compressors**









December 2017

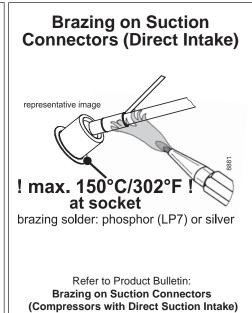
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