Single <mark>Packs</mark>



Single Pack SC15MLX.2 115V 60Hz CSCR

Single pack code number: 195B4231

Position	Title	Code	Amount
1	Compressor SC15MLX.2	104L1807	1
2	SC starting device (600mm)	117-7045	1
3	Bolt joint for one compressor M6 ø16mm	118-1917	1

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SC15MLX.2 **MBP Compressor** R404A/R507 115V 60Hz General

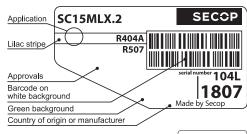
General	
Code number	104L1807
Approvals	UL984
Compressors on pallet	60

Application

Application		M	3P
Frequency	Hz	50	60
Evaporating temperature	°F	_	-10 to 45
Voltage range	V	-	103 -127
Max. condensing temperature continuous (short)	°F	-	131 (140)
Max. winding temperature continuous (short)	°F	-	257 (275)

Cooling requirements

Cooling requirements								S
Frequency	Hz		50			60		0
Application		LBP	MBP	HBP	LBP	MBP	HBP	F ₁
90°F		_	-	-	-	F ₂	_	
100°F		_	-	-	-	F ₂	_	F ₂
110°F		_	-	-	-	-	_	S
Remarks on application:								-





- = Static cooling normally sufficient
- O = Oil cooling
- $F_1 = Fan \text{ cooling } 1.5 \text{ m/s}$ (compressor compartment temperature equal to ambient temperature)
- F₂ = Fan cooling 3.0 m/s necessary
- SG = Suction gas cooling normally sufficent _
 - = not applicable in this area

Motor

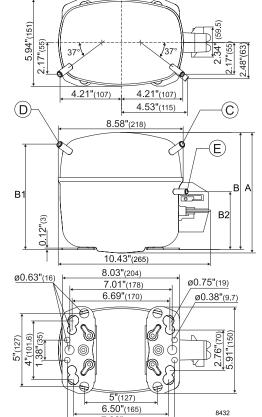
Motor type		C	SR
LRA (rated after 4 sec. UL984), HST LST	А	63.0	-
Cut in Current, HST LST	А	63.0	-
Resistance, main start winding (77°F)	Ω	0.6	3.2

Design

Displacement	cu.in	0.93
Oil quantity (type)	fl.oz.	18.6 (polyolester)
Maximum refrigerant charge	oz.	45.5
Free gas volume in compressor	fl.oz.	49.4
Weight without electrical equipment	lbs.	30.9

Dimensions

Height	inch	А	8.62
		В	8.39
		B1	7.60
		B2	4.33
Suction connector	location, I.D. in. angle	С	0.378-0.385 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	Е	0.252-0.259 37°
	material comment		Copper Rubber plug
Oil cooler connector	location, I.D. in. angle	F	-
	material comment		_
Remarks:			

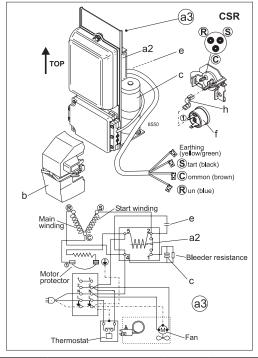


7.32"(186)

ASHRAE MBP			115V,	60Hz, fa	an cooli	ng F ₂											
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						2423	3156	4048	4454	5120	6396	7897	8060	8740			
Power cons. in W						678	790	900	944	1010	1121	1235	1246	1293			
Current cons. in A						8.12	8.74	9.44	9.74	10.20	11.03	11.92	12.02	12.39			
EER in BTU/Wh						3.57	4.00	4.50	4.72	5.07	5.71	6.39	6.47	6.76			

EN 12900 Household (CECOMAF)* 115V, 60Hz, fan cooling $\mathrm{F_2}$

Evap. temp. in °F	-49	-40	-30	-20	-13	-10	0	10	14	20	30	40	41	45	50	59	68
Capacity in W						799	925	1147	1409	1606	1715	2069	2474	2669			
Power cons. in W						689	739	815	894	946	974	1058	1147	1187			
Current cons. in A						8.12	8.40	8.87	9.39	9.77	9.97	10.60	11.28	11.60			
COP in W/W						1.16	1.25	1.41	1.58	1.70	1.76	1.95	2.16	2.25			



CSR CSR CSR CSR CSR CSR CSR CSR	
Start winding Main winding	

Accessories for	SC15MLX.2	Figure	Code number
Starting device assembl			
CSR	23.6 in. cable length	a3	117-7045
CSIR	23.6 in. cable length	as	-
Starting device component	ents		
Starting relay	1/4 in. spade connect.	a2	117-7441
Start. capacitor 410 µF	1/4 in. spade connect.	с	117U5043
Run capacitor 23.5 µF	1/4 in. spade connect.	е	117-7114
Cover		b	117U1021 *)
Protector		f	117U3212 *)
Protector holder	h	117U0439 *)	
*) Remarks: Cover, prote	rts of com	pressor	

Condensing temp.	130°F	113°F
Ambient temperature	95°F	90°F
Suction gas temp.	95°F	90°F
Liquid temperature	115°F	no subcooling
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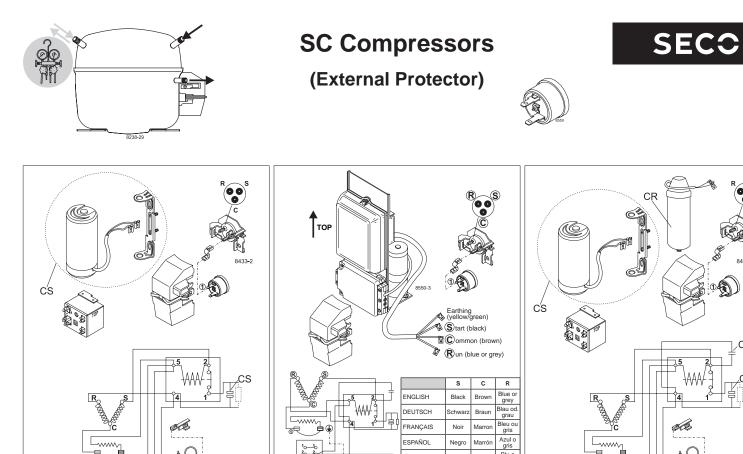
ASHRAE MBP

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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Test conditions

EN 12900/CECOMAF*



December 2020

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РУССКИЙ

中文

NEDERLANDS

Nero Marrone

Zwart Bruin Корич невый

Чёрный

黑色 棕色 蓝色或 灰色

Blu o grigio

Blauw of grijs Синий или серый

1/2

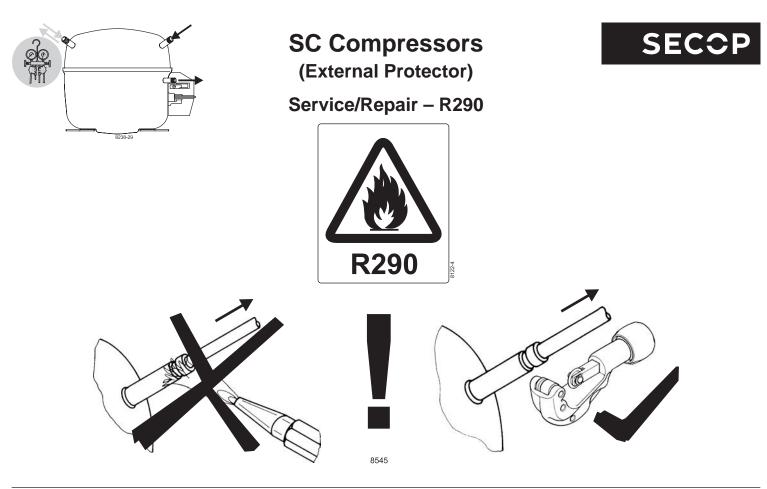
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