

2R7S3R126A-6A

Application	Cooling (C) /Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170774-B	

Rated Performance¹

Capacity	5,040 Btu/hr
Motor Input	468 Watts
Current	4.2 Amperes
E.E.R.	10.77 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	7.3 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	18.5 lb	8.4 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	29 A at 120 V	
Winding Resistance	Main: 1.309Ω, Aux: 2.869Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

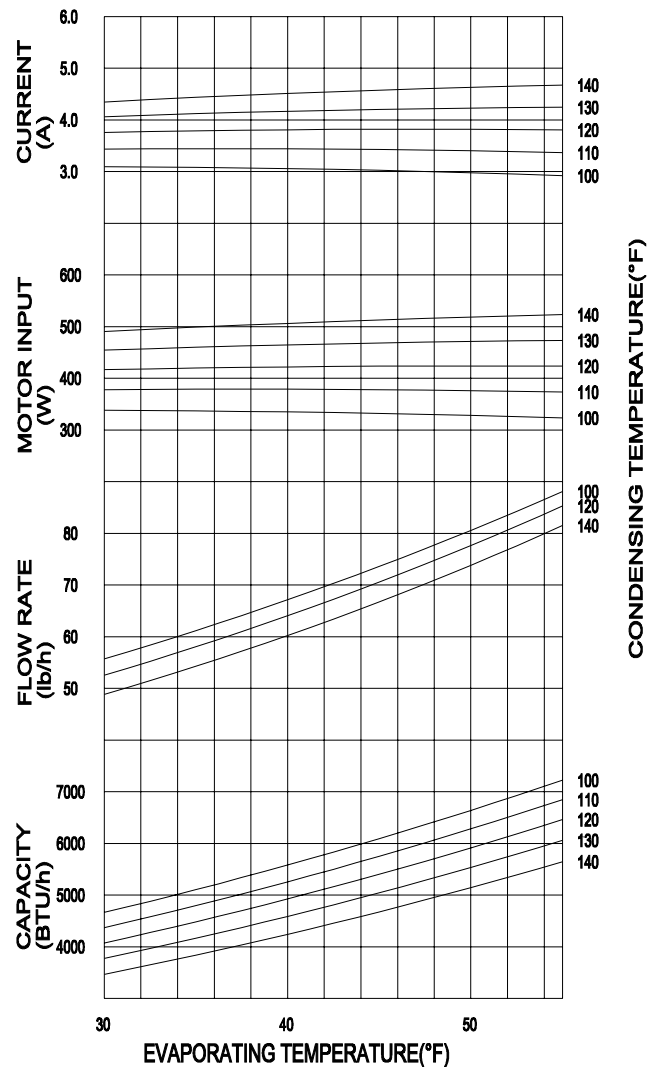
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100590	
Texas Instrument part #	MRA 99087	
Run Capacitor	35 μF/230 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	5100	4795	4480	4160	3835
	Watts	335	380	420	460	500
	Amperes	3.1	3.4	3.8	4.1	4.4

45° F 7.2°C	Btu/hr	6085	5745	5400	5040	4670
	Watts	330	380	425	468	510
	Amperes	3.0	3.4	3.8	4.2	4.6

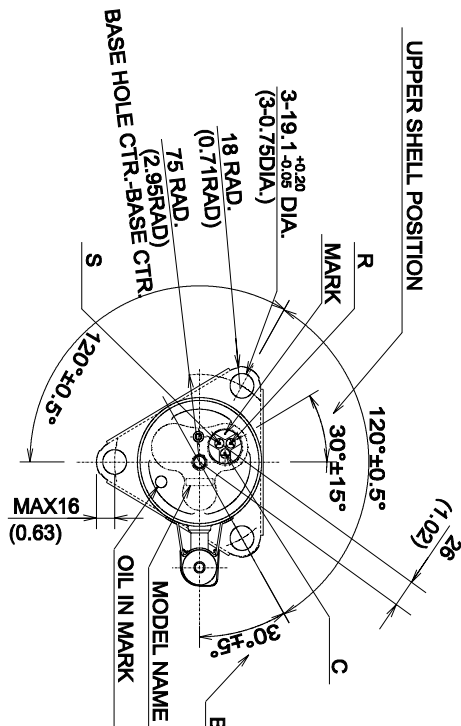
55° F 12.8°C	Btu/hr	7220	6845	6460	6060	5640
	Watts	325	375	425	475	525
	Amperes	2.9	3.4	3.8	4.2	4.7

BTU 5,000

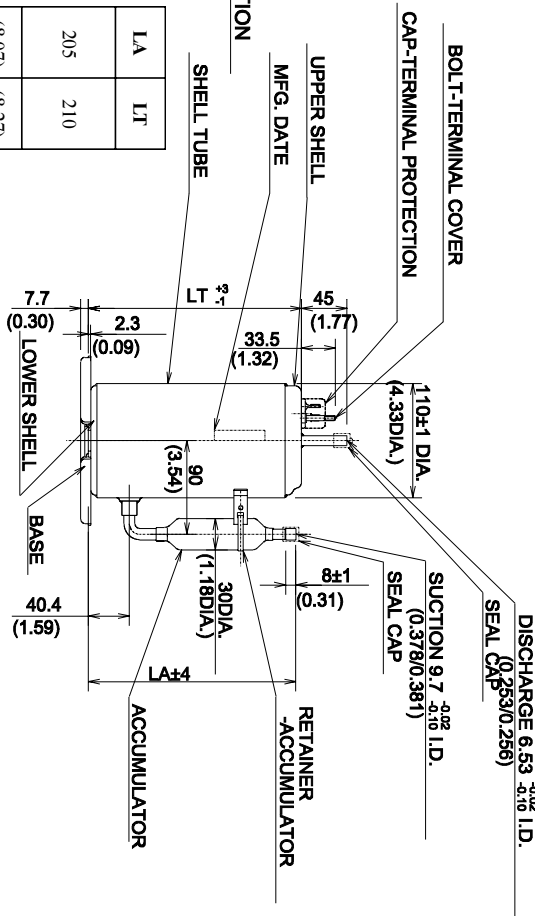
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115 V, 60 Hz R-22

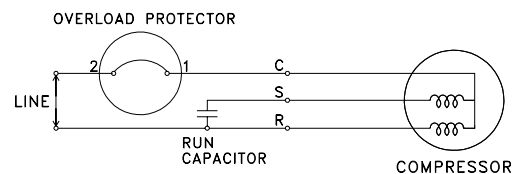
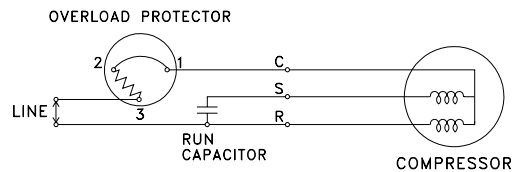
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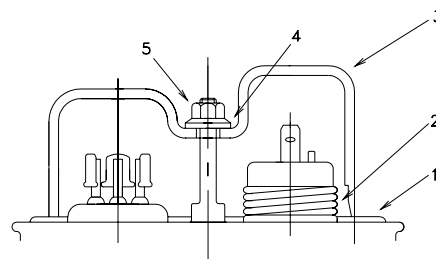
LA	LT
205	210
(8.07)	(8.27)



WIRING DIAGRAM



COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING

