

115 V
60 Hz

Refrigerant Control . . Capillary Tube
Evaporator
Temp. Range -31°F to 23°F / -35°C to -5°C

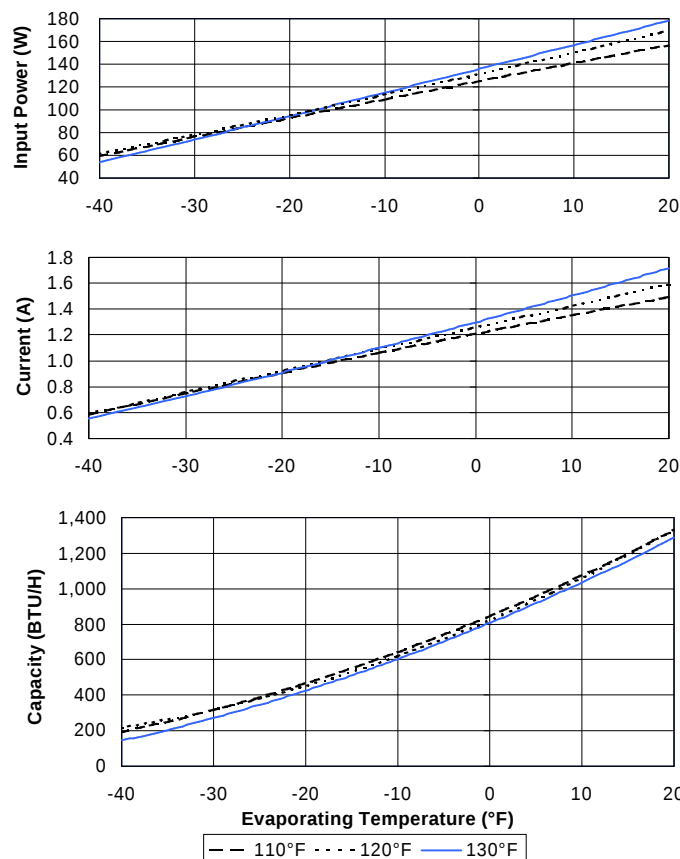
Performance Curves

Nominal Motor Data	
Motor Input	 115 Watts 109 Watts
Rated Current	 1.09 Amps
Type	 RSCR, PTC relay
Locked Rotor	 7.7 Amps
Start Current	 13.3 Amps
Coil Resistances	Run . . . 5.64 Ohms
@ 68°F (20°C)	Start . . . 5.79 Ohms

Test Oil	ISO VG 10
Shell Temp	150.0°F / 65.0°C
Condensing Temp	(I) 130.0°F / 54.4°C
	(II) 105.0°F / 40.6°C
Evaporating Temp	-10.0°F / -23.3°C
Ambient Temp	90.0°F / 32.2°C
Gas Superheat	90.0°F / 32.2°C
Liquid Sub-Cooling	90.0°F / 32.2°C

Model Name	4TM314MFBYY
Manufacturer	Texas Instruments
Temperature To	Open: 239°F ± 9°F / 115°C ± 5°C Close: 142°F ± 16°F / 61°C ± 9°C
Trip Current.	@158°F (70°C) 2.45 Amps ± 7.5% @77°F (25°C) 11.0 Amps @ 18 sec. max.

Model Name	PTH7M100MD2	PTH490D-AS100	
Manufacturer	Murata Mfg.	Murata Mfg.	
Base resistance @ 77°F(25°C) ±20%	10	10	Ohms
Power Consumption (max)	2.8	2.8	Watts
Operation time	0.45 to 1.35	0.45 to 1.35	seconds
Recovery time (max)	50	55	seconds



		Evaporating Temp.		
Condensing Temp.	Rating	-30°F	-10°F	+10°F
130°F	Btu/h	272	604	1,035
	Watts	74	115	157
	Amps	0.73	1.10	1.50
	E.E.R.	3.68	5.25	6.59
120°F	Btu/h	316	618	1,059
	Watts	78	113	150
	Amps	0.76	1.09	1.42
	E.E.R.	4.05	5.47	7.06
110°F	Btu/h	316	642	1,073
	Watts	76	109	141
	Amps	0.75	1.06	1.35
	E.E.R.	4.16	5.89	7.61

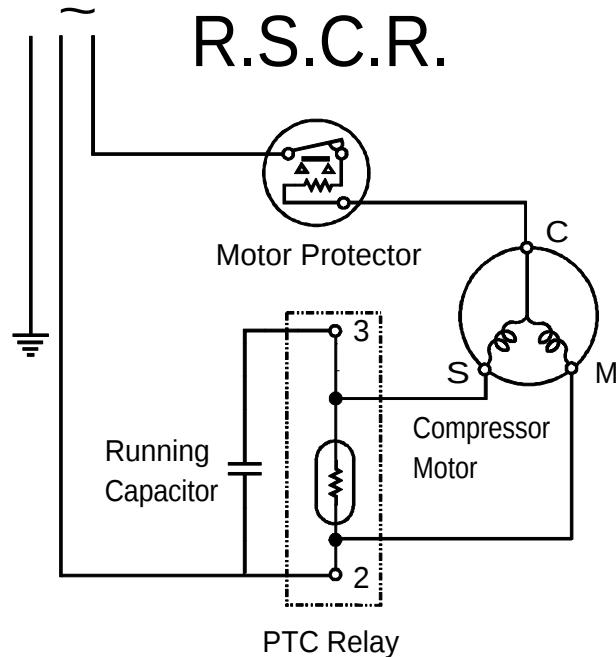
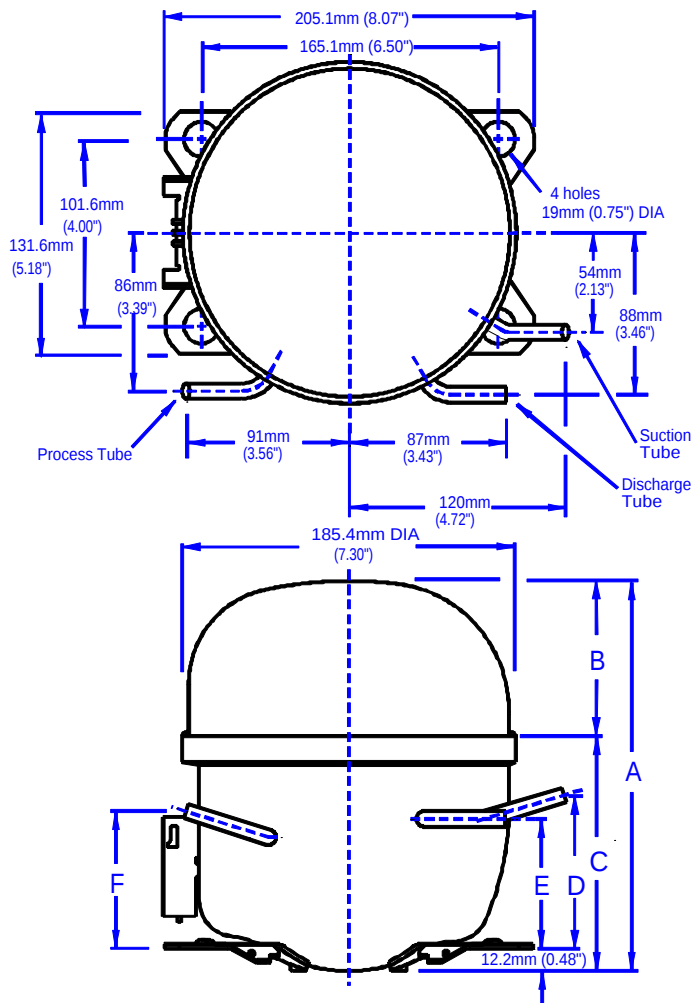
Rev#1-5/9

MATSUSHITA Compressor

MODEL# DA51C72RCU6

Single Phase
R-134a

115 V
60 Hz



Dimensions*

	mm	inches
A	201.0	7.91
B	73.4	2.89
C	127.6	5.02
D	83.9	3.30
E	70.4	2.77
F	75.2	2.96

* All dimensions are for reference only

This document sets forth certain operational parameters and conditions for operation of this product. If this product is operated outside of the parameters and conditions stated herein, buyer assumes sole and full responsibility and shall indemnify seller with respect to all product failures and all consequences thereof. Operation of the product outside of the parameters and conditions specified herein shall serve to invalidate all seller warranties, if any, with respect to the product. This document is for reference only. For specifications, please contact Panasonic's engineering department.

Tubes	Tube O.D.	Wall	Material
Suction	0.33 in. / 8.3 mm	0.035 in. / 0.9 mm	Copper
Process	0.33 in. / 8.3 mm	0.035 in. / 0.9 mm	Copper
Discharge	0.33 in. / 8.3 mm	0.035 in. / 0.9 mm	Copper

U.L. File # SA 4615

C.S.A. File #'s LR - 36593

General Data	Oil Charge	250 cc ± 5 cc / 15.3 cu.in. ± 0.3 cu.in.
	Net Weight With Oil	20.5 lbs, 9.3 kg
	Approved Oils:	
	FREOL	α 10, α 10E, α 15, α 15E, α 22, α 22E
	ICI	RL10H, RL15H, RL22H
	HENKEL	ProEco 10S, 15S, 22S
	Residual Moisture	120 mg max.
	Impurities	10 mg max.
	Displacement	5.10 cc. / 0.311 cu. in.

Panasonic®

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