

OF1033

PRODUCT SPECIFICATION

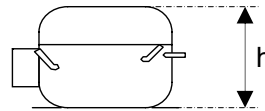
OPERATION:

Application:	L.B.P.	Max. Ambient Temp:	43°C
Refrigerant:	R134a	(1) Max. Steady Discharge Temp:	120°C
Operation:	Capillary	(1,2) Max. Peak Discharge Temp:	135°C
Cooling:	Static	Max. Steady Condensing Temp:	60°C
		(2) Max. Peak Condensing Temp:	70°C
		Max. Winding Temp:	130°C
		Max. Impurities:	30 mg
		Max.Total Compressor Water Content:	100 mg

COMPRESSOR:

Displacement:	5.73 cc	Oil Type:	Ester
		(4) Viscosity:	15 cSt
		Suction Muffler:	Semi-direct

(3) Net Wt:	7.8 kg
Case Size:	2 (h = 169.5 mm)
Oil Charge:	160 cc



ELECTRICAL:

Power Supply:	220 - 240V	Motor Type:	RSIR
Voltage Limits:	187 - 264V	Locked Rotor Current:	11.8 / 4.9 A**
Frequency:	50 Hz		
Phase:	1 ph		

Main Winding Resistance at 25°C:	16.3 Ω
Start Winding Resistance at 25°C:	21.9 Ω

** Maximum current / Measured after 4 seconds

- (1) Measured 5cm. from the shell with insulated thermocouples
- (2) For transient conditions during 'Pull Down'
- (3) Net weight is with oil but without electrics
- (4) Measured at 40°C

For rated performance,

the suction line must be connected to the stub marked 'AS' on the attached drawing.

ELECTRICAL COMPONENTS:

ECC Starting Device: K 100-xx
 Starting Device: PTC- 8100
 (1) Starting Device: PTC - 7100D5
 PTC Resistance: 14 Ω

-xx Protector short code

<u>PROTECTORS:</u>	BDG ¾	Electrica ¾	SENSATA ¾	SENSATA 4TM
Type	AE 18 FU x	T 0530 / xx	MRP 342LZ xxxx	4TM 222 NFBYY xx
Open °C	115 - 125 °C	105 - 115 °C	115 - 125 °C	115 - 125 °C
Close °C	71 - 53 °C	70 - 52 °C	70 - 52 °C	70 - 52 °C
U.T.C	1.70 A 70 °C	2.22 A 70 °C	2.50 A 70 °C	1.62 A 70 °C
Time Check Current	6.35 A	8.80 A	8.45 A	6.7 A (5-15s)
Max. Current	14.0 A	18.0 A	13.5 A	15.0 A (2s max.)
Code (if any)	F5	AH	T9	6C

Type
 Open °C
 Close °C
 U.T.C
 Time Check Current
 Max. Current
 Code (if any)

Alt. protectors: AF 18 FU x
 Code (if any) D5

MSP 342LZ xxxx

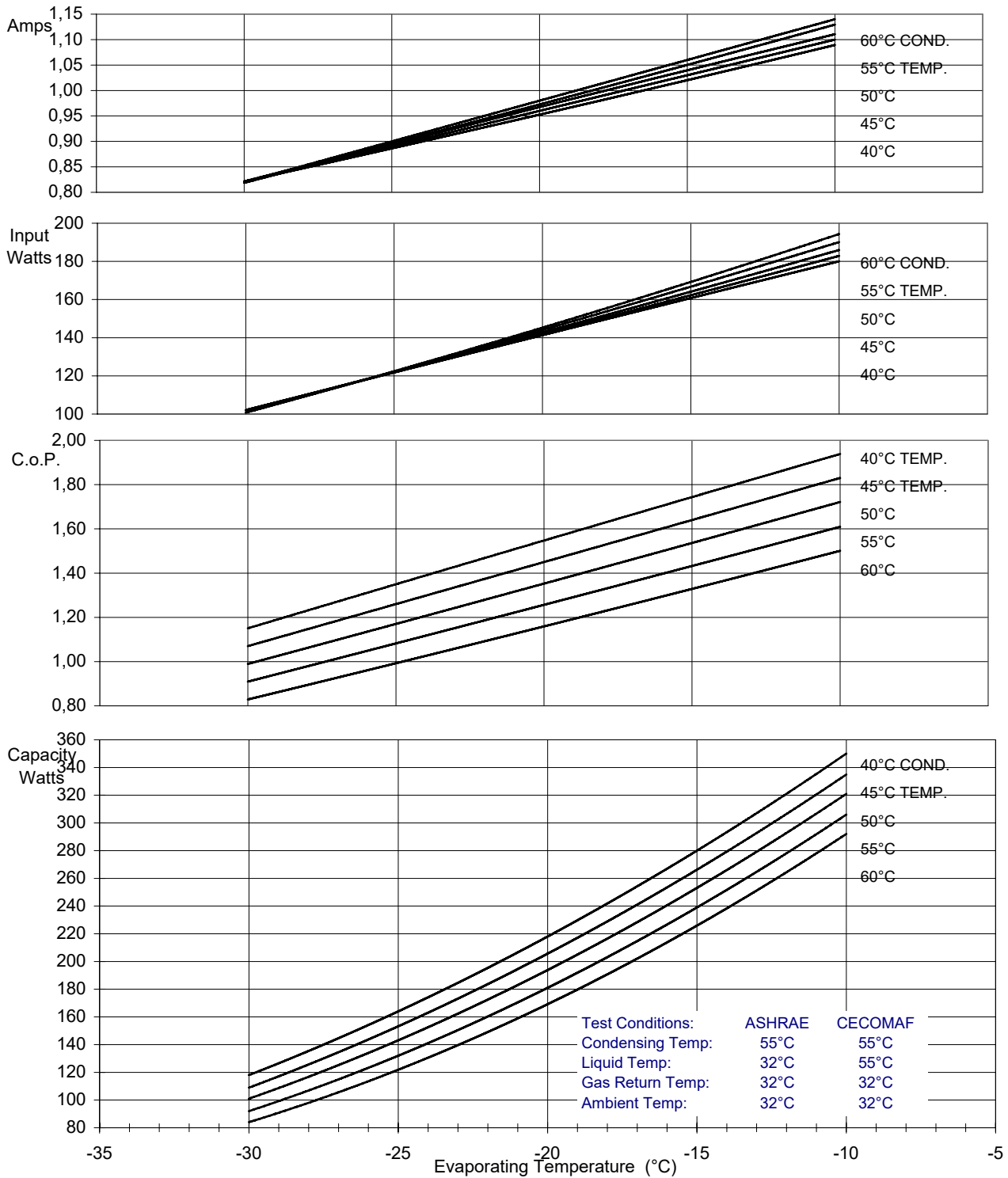
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PERFORMANCE:

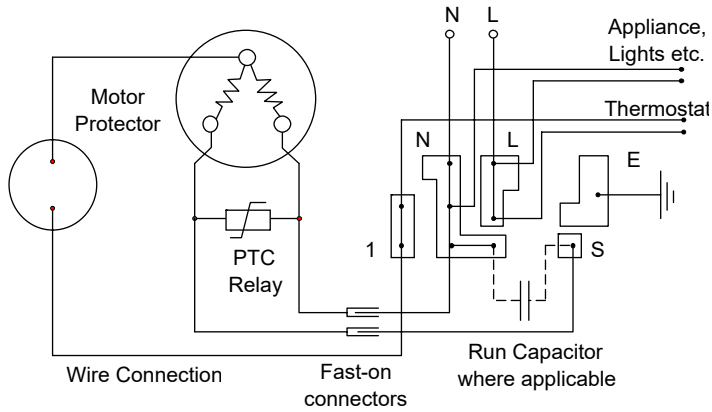
(Graphs are at ASHRAE conditions)

220V 50Hz Without run capacitor

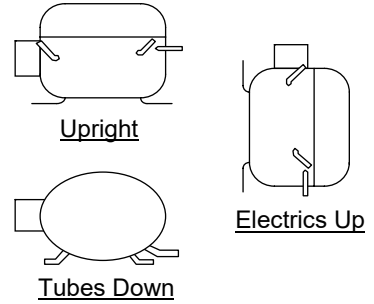


	Evaporating Temperature °C	-30	-25	-23,3	-20	-15	-10
ASHRAE:	Capacity W	92	132	148	181	239	306
	C.o.P. W / W	0,91	1,08	1,14	1,26	1,43	1,61
CECOMAF:	Capacity W	75	108		148	195	249
	C.o.P. W / W	0,74	0,88		1,03	1,17	1,31
	Input Power W	101	122	129	144	167	190
	Current A	0,82	0,90	0,92	0,97	1,05	1,13

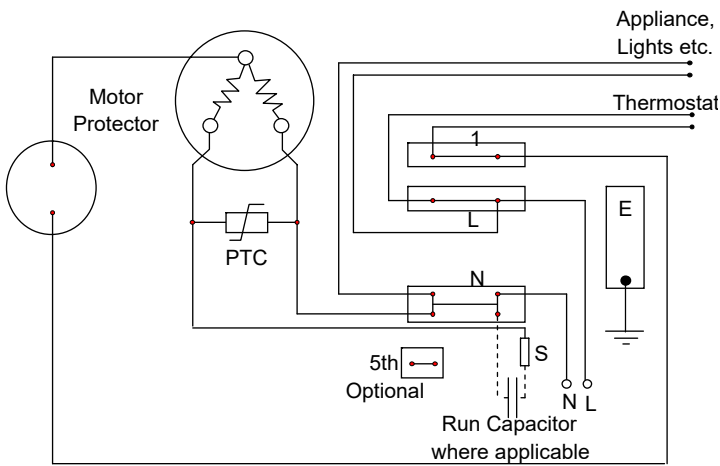
Circuit Diagram for Mod.90 Terminal Board



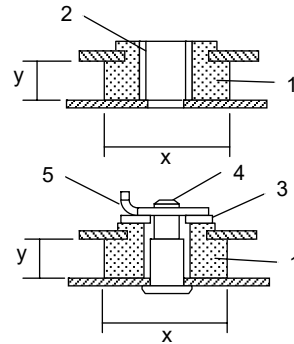
Recommended Transport Positions when fitted into appliances



Circuit Diagram for ECC Terminal Board Frontal Version



Mounting Accessories



- x = 24 or 26 or 28.5mm
- y = 9mm or 10.3mm
- Other sizes available
- 1. Rubber grommet
- 2. Sleeve
- 3. Washer
- 4. Steel pin
- 5. Clip

Compressor Label

