

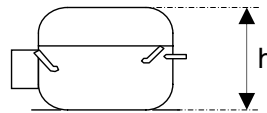
OPERATION:

Application:	L.B.P.	Max. Ambient Temp:	43°C
Refrigerant:	R600a	(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:	Mineral
Bore:	20.6 mm	(4) Viscosity:	7 cSt
Stroke:	17.2 mm	Suction Muffler:	Semi-direct

(3) Net Wt:	7.2 kg
Case Size:	1 (h = 159.5 mm)
Oil Charge:	160 cc



ELECTRICAL:

Power Supply:	220 - 240V	Motor Type:	RSIR / RSCR *
Voltage Limits:	187 - 264V	Locked Rotor Current:	6.3 / 2.8 A**
Frequency:	50 Hz		
Phase:	1 ph		

Main Winding Resistance at 25°C:	28.5 Ω
Start Winding Resistance at 25°C:	37.7 Ω

* With Optional Run Capacitor

** 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 - 7100DS
PTC Resistance: 14 Ω

-xx Protector short code

Run Capacitor: 3.0 μ F

PROTECTORS:

BDG $\frac{3}{4}$

Type **AE 25 FY x**
Open $^{\circ}$ C 100 - 110 $^{\circ}$ C
Close $^{\circ}$ C 71 - 53 $^{\circ}$ C
U.T.C 0.9 A 70 $^{\circ}$ C
Time Check Current 4.2 A
Max. Current 8.5 A
Code (if any) FG

Electrica $\frac{3}{4}$

T 0619 / kk
100 - 110 $^{\circ}$ C
66 - 48 $^{\circ}$ C
1.05 A 70 $^{\circ}$ C
4.40 A
7.0 A
C0

WANBAO

Type **B44 105 xx**
Open $^{\circ}$ C 100 - 110 $^{\circ}$ C
Close $^{\circ}$ C 66 - 48 $^{\circ}$ C
U.T.C 0.87 A 70 $^{\circ}$ C
Time Check Current 4.4 A
Max. Current 7.0 A
Code (if any) M2

Alt. protectors: AF 25 FY x
Code (if any) DS

*BDG 'x' Codes: 6 for terminal boards Mod.89,90
8 for terminal board Mod.91*

*Electrica 'kk' Codes: 05 for terminal boards Mod.89,90
07 for terminal board Mod.91*

(1) BDG protector AF type is for use with PTC-7100 only.



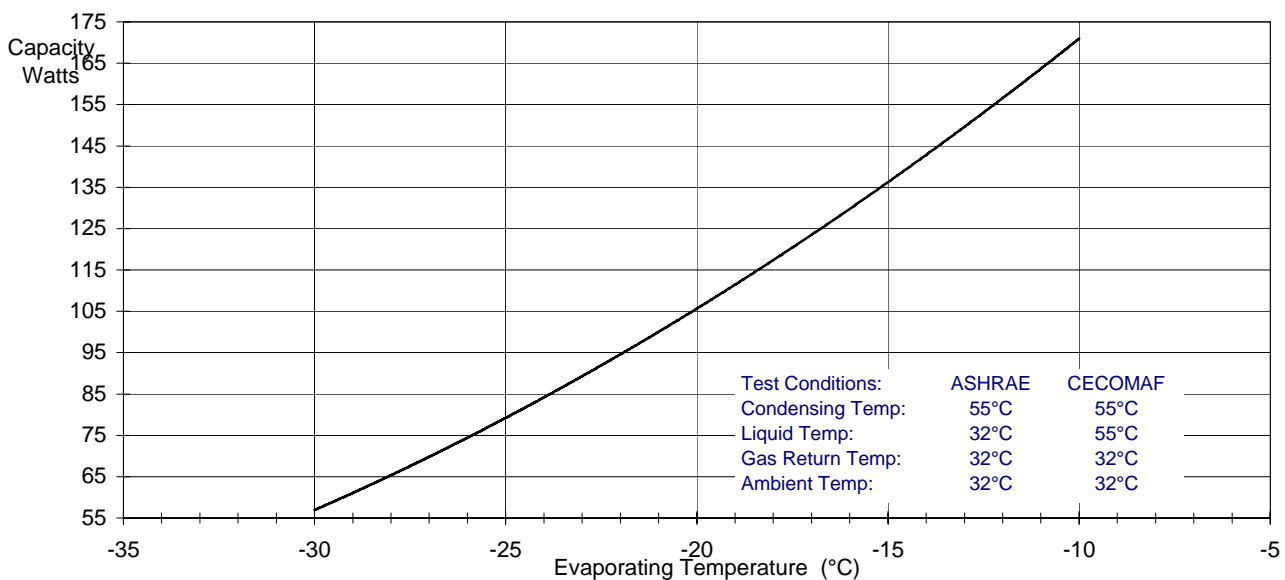
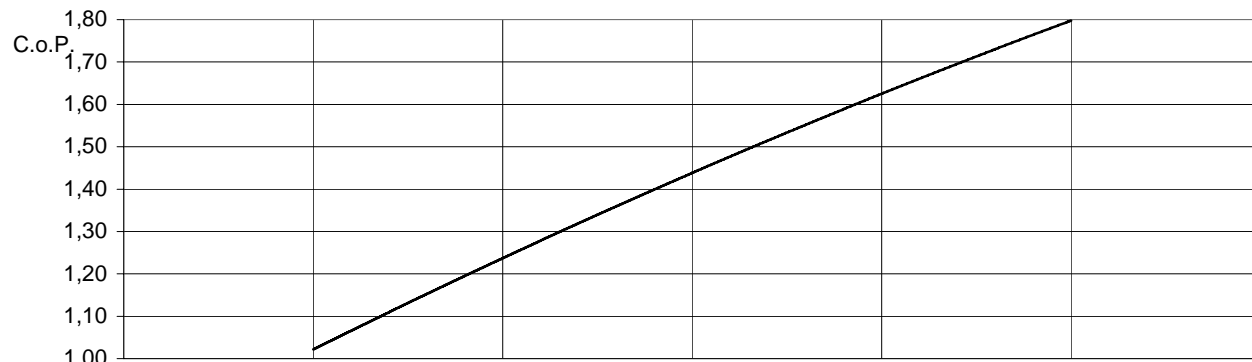
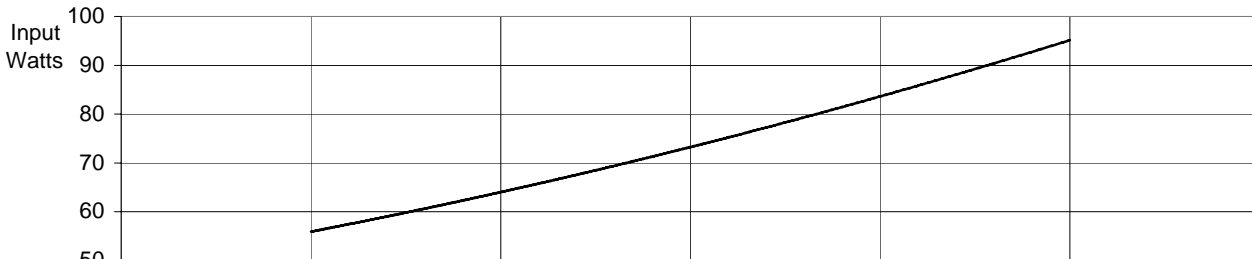
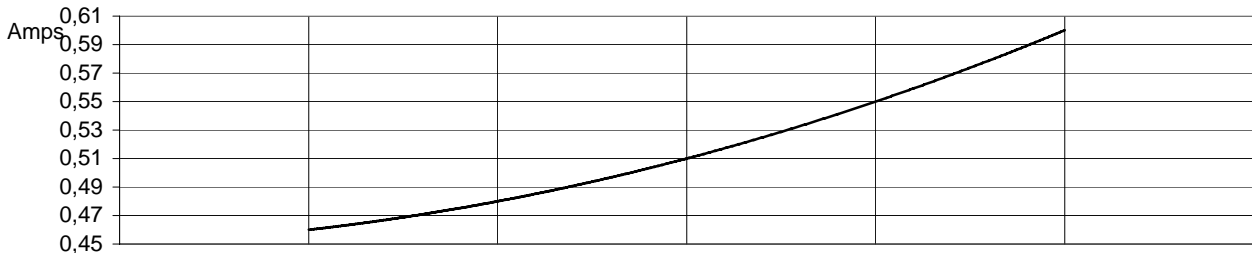
HVY57AA.02

PRODUCT SPECIFICATION

PERFORMANCE:

(Graphs are at ASHRAE conditions)

220V 50Hz Without run capacitor



	Evaporating Temperature °C	-30	-25	-23,3	-20	-15	-10	
ASHRAE:	Capacity	W	57	79	88	106	136	171
	C.o.P.	W / W	1,02	1,24	1,31	1,44	1,62	1,80
CECOMAF:	Capacity	W	47	65		87	112	140
	C.o.P.	W / W	0,84	1,02		1,19	1,33	1,47
	Input Power	W	56	64	67	73	84	95
	Current	A	0,46	0,48	0,49	0,51	0,55	0,60



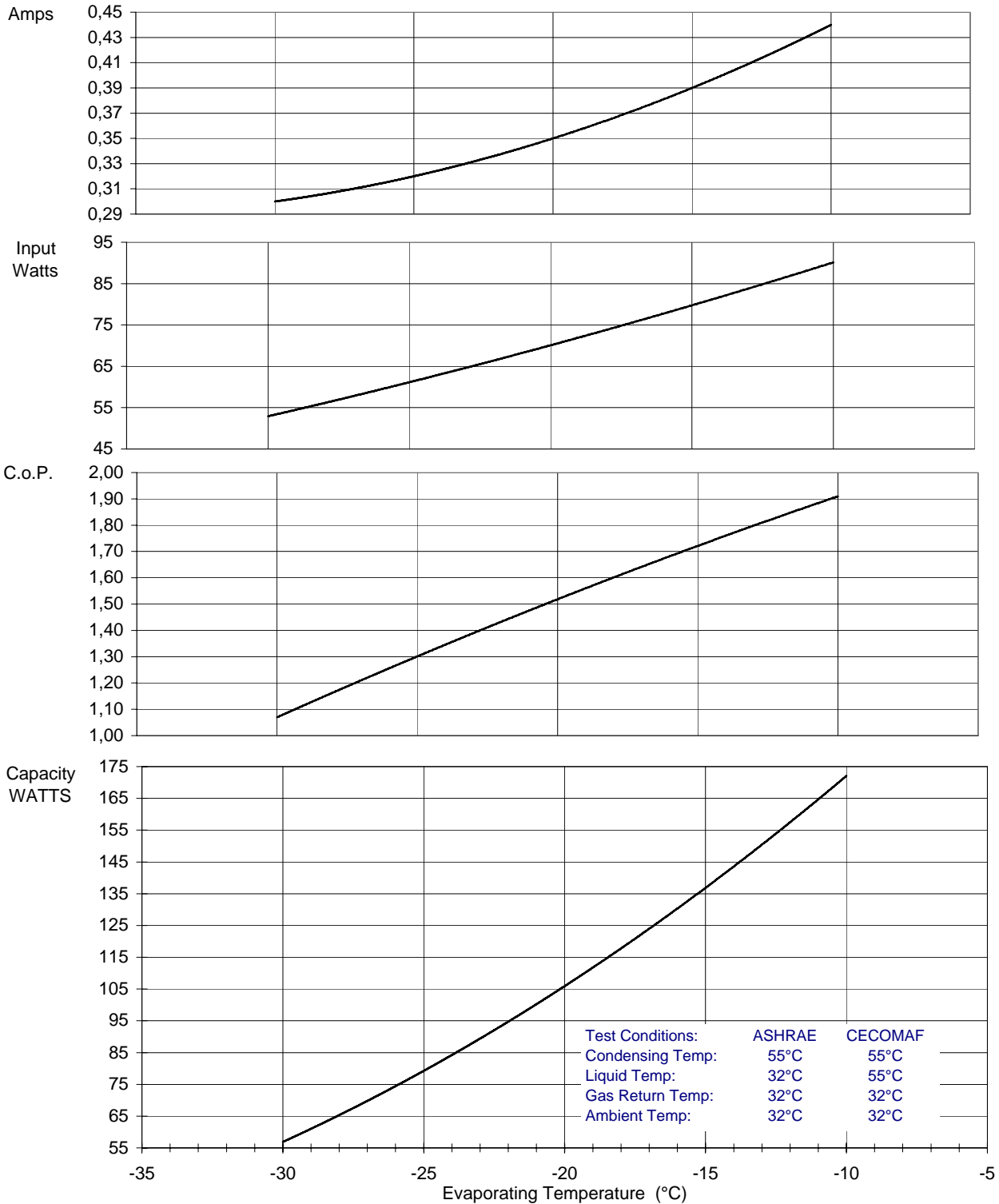
HVY57AA.02

PRODUCT SPECIFICATION

PERFORMANCE:

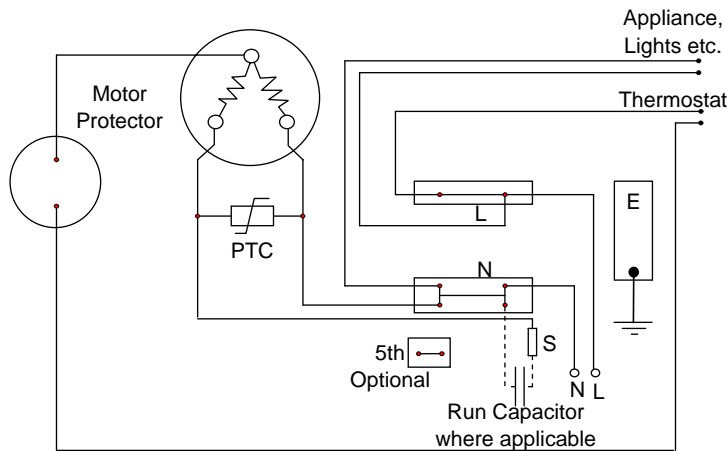
(Graphs are at ASHRAE conditions)

220V 50Hz With run capacitor

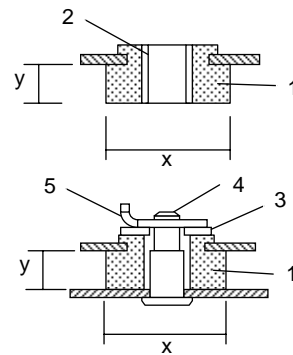


	Evaporating Temperature °C	-30	-25	-23,3	-20	-15	-10
ASHRAE:	Capacity W	57	79	88	106	137	172
	C.o.P. W / W	1,07	1,30	1,38	1,52	1,72	1,91
CECOMAF:	Capacity W	47	65		87	113	141
	C.o.P. W / W	0,89	1,07		1,24	1,41	1,57
	Input Power W	53	61	64	70	80	90
	Current A	0,30	0,32	0,33	0,35	0,39	0,44

Circuit Diagram for ECC Terminal Board Standard Version



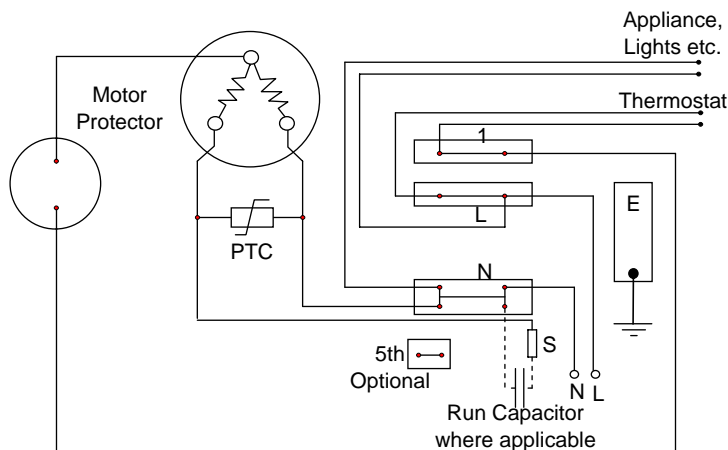
Mounting Accessories



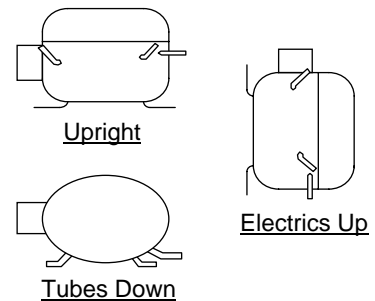
x = 26mm or 28.5mm
y = 9mm or 10.3mm
Other sizes available

1. Rubber grommet
2. Sleeve
3. Washer
4. Steel pin
5. Clip

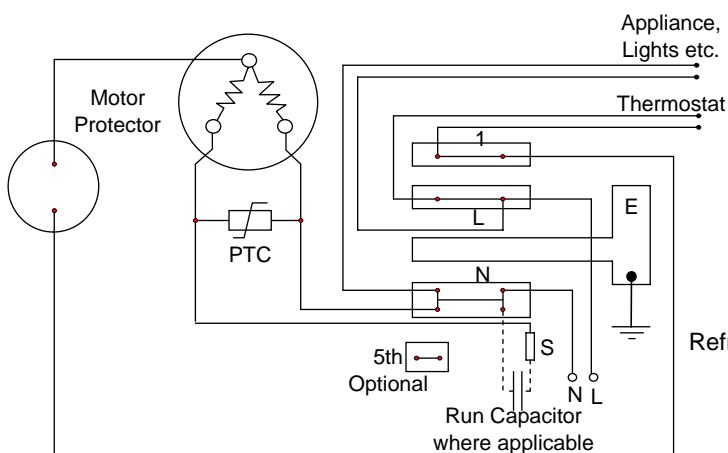
Circuit Diagram for ECC Terminal Board Frontal Version



Recommended Transport Positions when fitted into appliances



Circuit Diagram for ECC Terminal Board Rast 5 Version



Compressor Label

