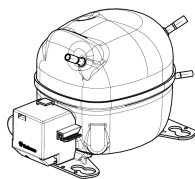


220-240V 50 1~



GENERAL DATA

Application: LBP
Refrigerant: R600a
Evaporating Temperature Range: -35°C to -10°C
Compressor Cooling: Static
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube
Packing Quantity: 100
Displacement: 7.96 cm³

Approvals: 

MECHANICAL DATA

Bore: 24 mm
Stroke: 17.6 mm
Oil Charge: 180ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
Weight: 7.14 kg

ELECTRICAL DATA

Motor Type: RSIR
Starting Torque: LST
Voltage working range at 50 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 21.8 Ω (± 10%) at 25°C
Run Winding Resistance: 24.95 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 4 A

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Clip:	no	-
Grommets:	no	-
Sleeves:	no	-
Terminal:	no	-
Cover:	yes	213336006

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	PTC	V230	
Motor Protection:		AE13FHY8	

EXTERNAL CHARACTERISTICS

Base Plate: SMALL EUEM
Tray Holder: Yes
Height: mm

	Internal Diameter (mm)	Material	Shape
Suction Connector	6.1	Copper	Slanted 42° up + 45° to Back
Discharge Connector	4.94	Copper	Slanted parallel BP+24° to Back
Process Connector	6	Copper(OD)	Slanted 43° up + 45° to Back

RATED POINT DATA

Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
±5%	±5%	±5%	±5%	±7%
136	87	0.60	1.45	1.57

Test condition: ASHRAE, Static, Return Gas 32.2°C, Evaporating: -23.3°C, Condensing: 54°C, Ambient: 32.2°C, Liquid: 32.2°C

PERFORMANCE CURVE DATA

220V 50Hz

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
35°C	-10	283	105	0.66	3.04	2.69
	-15	228	97	0.63	2.44	2.36
	-20	179	87	0.60	1.92	2.06
	-25	137	77	0.57	1.47	1.79
	-30	104	67	0.54	1.11	1.54
	-35	79	59	0.52	0.84	1.34

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
45°C	-10	274	116	0.71	2.95	2.37
	-15	219	104	0.66	2.35	2.11
	-20	171	92	0.62	1.83	1.86
	-25	130	80	0.58	1.40	1.63
	-30	98	69	0.55	1.05	1.41
	-35	75	61	0.53	0.80	1.23

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
55°C	-10	262	125	0.75	2.83	2.09
	-15	209	111	0.69	2.24	1.89
	-20	162	96	0.63	1.73	1.68
	-25	122	82	0.59	1.31	1.48
	-30	91	71	0.55	0.97	1.29

Test condition: ASHRAE, Static, Return Gas 32.2°C, Ambient: 32.2°C, Liquid: 32.2°C

Model **EMY46CLC**

Code **51330623899.Q**

embraco POWER IN.
CHANGE ON.