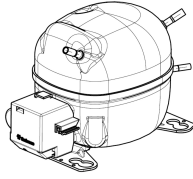


220-240V 50 1~



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: 7.23 cm³
Horse power: 1/8 hp
Approvals:

MECHANICAL DATA

Bore: 24 mm
Stroke: 16 mm
Oil Charge: 180ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
Weight: 7.35 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: 26.7 Ω (± 10%) at 25°C
Run Winding Resistance: 27.2 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	-
Sleeves:	no	-
Terminal:	no	-
Grommets:	yes	13146411
Cover:	yes	213336008

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	PTC	V230	
Motor Protection:		T0225/07	

EXTERNAL CHARACTERISTICS

Base Plate: SMALL V2
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	6.1	Copper	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%
119	92	0.68	1.28	1.30

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	246	104	0.73	2.65	2.36
	-15	198	96	0.70	2.13	2.07
	-20	157	88	0.67	1.68	1.79
	-25	122	79	0.65	1.30	1.54
	-30	92	70	0.63	0.98	1.32
	-35	66	59	0.62	0.71	1.11

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	237	114	0.75	2.56	2.08
	-15	190	104	0.72	2.04	1.83
	-20	149	93	0.69	1.60	1.60
	-25	115	83	0.66	1.23	1.38
	-30	85	72	0.64	0.91	1.19
	-35	60	59	0.62	0.64	1.01

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	229	125	0.78	2.46	1.82
	-15	182	113	0.74	1.95	1.61
	-20	142	101	0.70	1.52	1.40
	-25	108	89	0.67	1.15	1.22
	-30	79	76	0.64	0.84	1.05

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

Model **EMT40CLP**

Code **51330619396YA**

embraco POWER IN.
CHANGE ON.