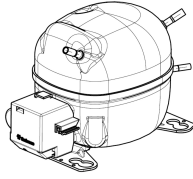


220-240V 50 1~



GENERAL DATA

Application: LBP
Refrigerant: R404A
Evaporating Temperature Range: -40°C to -10°C
Compressor Cooling: Static
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube or Expansion Valve
Packing Quantity: 100
Displacement: 4.5 cm³
Horse power: 1/4 hp

Approvals: 

MECHANICAL DATA

Bore: 21 mm
Stroke: 13 mm
Oil Charge: 180ml
Oil Type Configuration: ESTER
Oil Type Viscosity: ISO22
Weight: 7.76 kg

ELECTRICAL DATA

Motor Type: CSIR
Starting Torque: HST
Voltage working range at 50 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 21.1 Ω (± 10%) at 25°C
Run Winding Resistance: 14.4 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 8 A

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Washer:	no	-
Pin:	no	-
Clip:	no	-
Sleeves:	no	-
Grommets:	yes	2221011
Capacitor Bracket:	yes	2256008
Terminal:	yes	1027060
Cover:	yes	113346023
Overload Protector Bracket:	yes	2075247

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	Relay	MTRP-0015*	
Start Capacitor:		43-53UF - 330V	2252347
Motor Protection:		T0040/G6	

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	6.1	Copper	Slanted 45° 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%
140	130	1.02	3.53	1.08

Test condition: EN 12900, Static, Return Gas 20°C, Subcooling OK, Evaporating: -35°C, Condensing: 40°C, Ambient: 35°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	493	204	1.26	12.03	2.42
	-15	399	188	1.21	9.66	2.13
	-20	320	172	1.16	7.69	1.86
	-25	254	157	1.11	6.08	1.62
	-30	200	142	1.06	4.76	1.41
	-35	155	127	1.02	3.69	1.22
	-40	119	113	0.99	2.80	1.05

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	407	224	1.33	11.19	1.82
	-15	330	205	1.27	9.00	1.61
	-20	265	186	1.20	7.17	1.43
	-25	210	167	1.14	5.66	1.26
	-30	164	149	1.08	4.40	1.10
	-35	125	131	1.03	3.34	0.95
	-40	91	114	0.99	2.42	0.80

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	326	246	1.40	10.40	1.33
	-15	264	222	1.32	8.36	1.19
	-20	211	199	1.24	6.63	1.06
	-25	166	176	1.16	5.17	0.95
	-30	127	153	1.09	3.93	0.83

Test condition: EN 12900, Static, Return Gas 20°C, Subcooling OK, Ambient: 35°C

Model **EMT2117GK**

Code **51330621698ZA**

embraco POWER IN.
CHANGE ON.