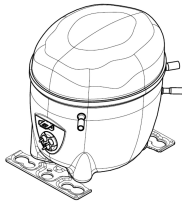


115-127V 60 1~



GENERAL DATA

Application: L/MBP
Refrigerant: R134a
Evaporating Temperature Range: -35°C to -5°C
Compressor Cooling: Static
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube
Packing Quantity: 120
Displacement: 7.15 cm³
Horse power: 1/4+ hp

Approvals:  

MECHANICAL DATA

Bore: 22.5 mm
Stroke: 18 mm
Oil Charge: 280ml
Oil Type Configuration: ESTER
Oil Type Viscosity: ISO22
Weight: 11.38 kg

ELECTRICAL DATA

Motor Type: RSIR/CSIR
Starting Torque: LST
Voltage working range at 50 Hz: 104-140 V
Voltage working range at 60 Hz: 104-140 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 8.1 Ω (± 10%) at 25°C
Run Winding Resistance: 2.35 Ω (± 10%) at 25°C

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Cover:	no	-
Grommets:	no	-
Sleeves:	no	-
Terminal:	no	-
Clip:	yes	13143000

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	Relay	213516094* 213516132	
Motor Protection:		4TM762NFBZZ-53	13634530
Start Capacitor:		243-292UF - 100V	

EXTERNAL CHARACTERISTICS

Base Plate: UNI V2
Tray Holder: No
Height: mm

	Internal Diameter (mm)	Material	Shape
Suction Connector	6.5	Copper	Slanted
Discharge Connector	6.5	Copper	Slanted
Process Connector	6.5	Copper	Slanted

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%
242	176	2.31	4.70	1.37

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**115V 60Hz**

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	-5	675	236	2.77	13.24	2.85
	-10	554	217	2.63	10.83	2.56
	-15	446	196	2.49	8.69	2.27
	-20	352	176	2.36	6.83	2.00
	-25	272	156	2.23	5.27	1.74
	-30	207	136	2.11	4.01	1.52
	-35	158	116	2.01	3.06	1.37

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	-5	645	266	2.95	12.66	2.42
	-10	525	240	2.76	10.27	2.19
	-15	418	214	2.57	8.14	1.95
	-20	324	189	2.40	6.29	1.72
	-25	245	164	2.24	4.74	1.49
	-30	180	141	2.11	3.49	1.28
	-35	132	118	2.00	2.55	1.12

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	-5	608	291	3.12	11.94	2.09
	-10	490	257	2.87	9.58	1.90
	-15	384	226	2.64	7.49	1.70
	-20	292	196	2.43	5.68	1.49
	-25	214	167	2.25	4.15	1.28
	-30	152	140	2.10	2.93	1.08

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

