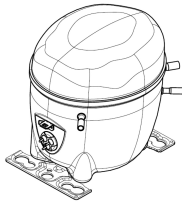


115-127V 60 1~**GENERAL DATA**

Application: LBP
Refrigerant: R134a
Evaporating Temperature Range: -35°C to -10°C
Compressor Cooling: Fan
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube
Packing Quantity: 72
Displacement: 7.15 cm³
Horse power: 1/3- hp

Approvals: **C** **RU** **US**

MECHANICAL DATA

Bore: 22.5 mm
Stroke: 18 mm
Oil Charge: 230ml
Oil Type Configuration: ESTER
Oil Type Viscosity: ISO10
Weight: 10.63 kg

ELECTRICAL DATA

Motor Type: RSIR/CSIR
Starting Torque: LST
Voltage working range at 60 Hz: 104-140 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 7.2 Ω (± 10%) at 25°C
Run Winding Resistance: 3 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		
Motor Protection:		4TM 771NFBZZ-53	
Starting Device:	Relay	213516001	
Start Capacitor:		233-280UF - 180V	

EXTERNAL CHARACTERISTICS

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

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

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%
271	170	2.20	5.25	1.60

Test condition: ASHRAE, Fan, 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	-10	566	200	2.41	11.06	2.82
	-15	452	182	2.28	8.81	2.49
	-20	357	164	2.16	6.93	2.18
	-25	278	146	2.06	5.39	1.91
	-30	213	128	1.96	4.12	1.67
	-35	160	109	1.87	3.09	1.47

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	553	225	2.58	10.82	2.46
	-15	440	201	2.40	8.58	2.19
	-20	345	178	2.25	6.70	1.93
	-25	264	156	2.11	5.12	1.70
	-30	197	133	1.98	3.80	1.47
	-35	140	111	1.87	2.70	1.26

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	531	248	2.75	10.38	2.14
	-15	419	218	2.52	8.16	1.92
	-20	323	189	2.32	6.28	1.71
	-25	242	161	2.14	4.68	1.51
	-30	172	133	1.98	3.33	1.30

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

