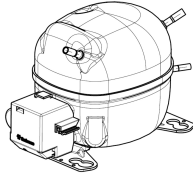


220-240V 50 1~**GENERAL DATA**

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: 9.04 cm³
Horse power: 1/6 hp

Approvals: 

MECHANICAL DATA

Bore: 24 mm
Stroke: 20 mm
Oil Charge: 180ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
Weight: 7.65 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: 24.75 Ω (± 10%) at 25°C
Run Winding Resistance: 21.55 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 6 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	213336006

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	PTC	V230	
Motor Protection:		T0357/07	

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 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%
158	118	0.78	1.69	1.34

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	319	156	0.84	3.43	2.04
	-15	255	142	0.81	2.73	1.79
	-20	200	126	0.77	2.15	1.58
	-25	155	110	0.74	1.66	1.41
	-30	120	93	0.69	1.28	1.30
	-35	94	75	0.65	1.00	1.25

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	311	159	0.88	3.35	1.95
	-15	248	143	0.84	2.67	1.73
	-20	195	127	0.79	2.09	1.53
	-25	150	110	0.75	1.60	1.36
	-30	113	94	0.71	1.21	1.20
	-35	85	78	0.67	0.91	1.09

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	300	170	0.92	3.23	1.77
	-15	240	150	0.86	2.57	1.60
	-20	187	130	0.81	2.01	1.44
	-25	143	112	0.76	1.53	1.27
	-30	106	95	0.72	1.13	1.11

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

