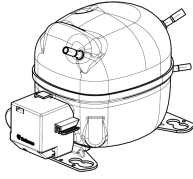


220-240V 50 1~



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

Approvals: 

MECHANICAL DATA

Bore: 24 mm
Stroke: 16 mm
Oil Charge: 180ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
Weight: 7.14 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: 25.8 Ω (± 10%) at 25°C
Run Winding Resistance: 26.2 Ω (± 10%) at 25°C

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Clip:	no	-
Grommets:	no	-
Sleeves:	no	-
Terminal:	no	-
Cover:	yes	213336008

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	PTC	V230	
Motor Protection:		AE37FN	

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	Copper(OD)	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%
120	86	0.60	1.29	1.40

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	244	107	0.62	2.63	2.27
	-15	197	97	0.60	2.11	2.02
	-20	157	87	0.59	1.68	1.80
	-25	124	77	0.57	1.32	1.60
	-30	95	67	0.56	1.02	1.43
	-35	72	57	0.54	0.77	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%
45°C	-10	239	112	0.64	2.57	2.14
	-15	191	101	0.62	2.05	1.89
	-20	150	90	0.60	1.61	1.66
	-25	116	80	0.58	1.24	1.45
	-30	87	70	0.56	0.93	1.25
	-35	62	60	0.54	0.67	1.04

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	231	117	0.67	2.48	1.96
	-15	183	106	0.64	1.97	1.73
	-20	143	94	0.61	1.53	1.52
	-25	109	83	0.59	1.16	1.32
	-30	80	72	0.56	0.85	1.12

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

