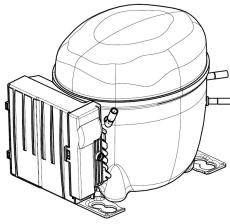


230V 3~



GENERAL DATA

Application: LBP
Refrigerant: R600a
Evaporating Temperature Range: -35°C to -10°C
Compressor Cooling: Static
Type: Hermetic reciprocating
Technology Type: VCC
Expansion Device: Capillary Tube
Packing Quantity: 80
Displacement: 11.14 cm³
Horse power: 1/4 hp
Approvals:

MECHANICAL DATA

Bore: 26 mm
Stroke: 21 mm
Oil Charge: 430ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
Weight: 10.99 kg

ELECTRICAL DATA

Motor Type: BPM
Starting Torque: LST
Voltage working range at 50 Hz: 207-253 V
Voltage working range at 60 Hz: 207-253 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 6.4 Ω (± 10%) at 25°C
Run Winding Resistance: 6.4 Ω (± 10%) at 25°C

MOUNTING ACCESSORIES

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

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	Inverter	VCC32456XXXX	
Motor Protection:		VCC32456XXXX	
Inverter:	Drop-in	VCC3 1156 A4 A 11 WHP	519306125

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	Slanted 60° up 40° + 35°

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%
114	59	0.55	1.23	1.93

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

1600 RPM

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	242	70	0.69	2.61	3.47
	-15	184	61	0.60	1.98	3.03
	-20	141	54	0.53	1.51	2.63
	-25	109	47	0.46	1.16	2.30
	-30	86	42	0.40	0.92	2.07
	-35	69	36	0.36	0.74	1.94

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	226	75	0.75	2.43	3.01
	-15	175	67	0.65	1.88	2.63
	-20	136	59	0.56	1.46	2.30
	-25	107	53	0.49	1.15	2.04
	-30	85	46	0.43	0.91	1.85
	-35	68	39	0.38	0.72	1.73

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	213	80	0.85	2.29	2.65
	-15	168	72	0.73	1.80	2.33
	-20	133	64	0.62	1.42	2.06
	-25	106	57	0.53	1.13	1.85
	-30	83	49	0.45	0.89	1.69

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

