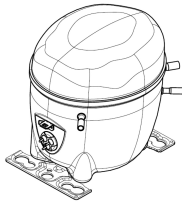


220-240V 50 1~**GENERAL DATA**

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: 72
Displacement: 13.54 cm³
Horse power: 1/3 hp
Approvals:

MECHANICAL DATA

Bore: 28 mm
Stroke: 22 mm
Oil Charge: 280ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
Weight: 11.24 kg

ELECTRICAL DATA

Motor Type: RSCR
Starting Torque: LST
Voltage working range at 50 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 21.2 Ω (± 10%) at 25°C
Run Winding Resistance: 19.6 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 5 A

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Clip:	no	-
Grommets:	no	-
Sleeves:	no	-
Terminal:	yes	2075231
Cover:	yes	113846000

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Run Capacitor:		4UF - 350V	513556007
Starting Device:		TSD-220V TSD2-220V	
Motor Protection:		4TM283KFBYY-53 4TM283KFBYY-73	

EXTERNAL CHARACTERISTICS

Base Plate: SMALL
Tray Holder: No
Height: mm

	Internal Diameter (mm)	Material	Shape
Suction Connector	6.1	Copper	Slanted
Discharge Connector	4.94	Copper	Slanted
Process Connector	6.1	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%
224	122	0.56	2.40	1.83

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	429	138	0.65	4.62	3.11
	-15	336	121	0.58	3.61	2.78
	-20	266	109	0.52	2.85	2.44
	-25	213	99	0.48	2.28	2.15
	-30	171	90	0.44	1.83	1.91
	-35	135	78	0.39	1.44	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%
45°C	-10	413	152	0.71	4.44	2.72
	-15	329	135	0.63	3.53	2.44
	-20	264	122	0.57	2.83	2.17
	-25	213	110	0.52	2.28	1.93
	-30	170	98	0.46	1.82	1.73
	-35	128	83	0.40	1.37	1.55

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	397	166	0.77	4.27	2.39
	-15	319	148	0.68	3.43	2.16
	-20	258	132	0.61	2.76	1.95
	-25	206	118	0.54	2.21	1.75
	-30	159	101	0.47	1.70	1.57

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

