

Частное предприятие "Юдилен-Холод" || +375296803378 || <https://купизапчасть.бел> || Минская обл., Минский р-н, Щомыслицкий с/с, 92/4
220-240V 50 1~



GENERAL DATA

Application: LBP
Refrigerant: R134a
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: 10.61 cm³
Horse power: 1/3+ hp

Approvals: 

MECHANICAL DATA

Bore: 26 mm
Stroke: 20 mm
Oil Charge: 230ml
Oil Type Configuration: ESTER
Oil Type Viscosity: ISO22
Weight: 11.23 kg

ELECTRICAL DATA

Motor Type: RSIR/CSIR
Starting Torque: LST
Voltage working range at 50 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 34.7 Ω (± 10%) at 25°C
Run Winding Resistance: 7.6 Ω (± 10%) at 25°C

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Cover:	no	-
Sleeves:	no	-
Grommets:	yes	13146411
Pin:	yes	13146721
Clip:	yes	13146730
Washer:	yes	13146748
Terminal:	yes	219105055

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	Relay	213516442 213516469*	
Start Capacitor:		72-88UF - 220V	
Motor Protection:		4TM 319NFBYY-53	13634572

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%
302	221	1.74	5.85	1.37

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	665	251	1.82	13.01	2.65
	-15	527	226	1.78	10.27	2.33
	-20	412	204	1.74	8.00	2.02
	-25	318	184	1.69	6.15	1.73
	-30	241	168	1.64	4.65	1.43
	-35	178	155	1.57	3.43	1.15

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	627	290	1.92	12.26	2.16
	-15	495	259	1.84	9.65	1.91
	-20	387	229	1.77	7.51	1.69
	-25	297	200	1.70	5.76	1.48
	-30	225	174	1.64	4.35	1.30
	-35	166	149	1.56	3.21	1.11

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	589	312	1.99	11.51	1.89
	-15	462	278	1.88	9.00	1.66
	-20	357	244	1.79	6.94	1.46
	-25	272	210	1.71	5.26	1.29
	-30	202	177	1.64	3.91	1.14

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

