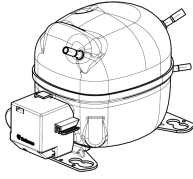


115V 60 1~**GENERAL DATA****Application:** HBP**Refrigerant:** R134a**Evaporating Temperature Range:** -5°C to 15°C**Compressor Cooling:** Fan**Type:** Hermetic reciprocating**Technology Type:** On-Off**Expansion Device:** Capillary Tube**Packing Quantity:** 100**Displacement:** 4.6 cm³**Horse power:** 1/6 hpApprovals:  **MECHANICAL DATA****Bore:** 21 mm**Stroke:** 13.3 mm**Oil Charge:** 160ml**Oil Type Configuration:** ESTER**Oil Type Viscosity:** ISO22**Weight:** 7.5 kg**ELECTRICAL DATA****Motor Type:** CSIR**Starting Torque:** LST**Voltage working range at 50 Hz:** 104-127 V**Voltage working range at 60 Hz:** 104-127 V**Maximum Motor Temperature:** 130 °C**Start Winding Resistance:** 8.85 Ω (± 10%) at 25°C**Run Winding Resistance:** 3.85 Ω (± 10%) at 25°C**MOUNTING ACCESSORIES**

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Cover:	no	-
Grommets:	no	-
Sleeves:	no	-
Terminal:	no	-
Clip:	yes	13143000

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Motor Protection:		4TM762NFBZZ-53	13634530
Starting Device:	Relay	213514067	

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	Slanted
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%
615	245	2.83	12.24	2.51

Test condition: ASHRAE, Fan, Return Gas 35°C, Subcooling 8.3K, Evaporating: 7.2°C, Condensing: 54°C, Ambient: 35°C

PERFORMANCE CURVE DATA

115V 60Hz

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	15	858	258	3.01	17.29	3.33
	10	717	229	2.88	14.33	3.14
	5	599	204	2.73	11.89	2.94
	0	505	183	2.58	9.94	2.76
	-5	433	167	2.41	8.51	2.60

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	15	851	263	2.95	17.14	3.24
	10	708	240	2.82	14.15	2.95
	5	585	219	2.71	11.60	2.67
	0	481	202	2.60	9.47	2.38
	-5	396	187	2.50	7.78	2.12

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	15	819	280	3.11	16.50	2.92
	10	682	259	2.93	13.63	2.64
	5	560	238	2.78	11.11	2.35
	0	454	220	2.66	8.96	2.07
	-5	365	202	2.56	7.16	1.80

Test condition: ASHRAE, Fan, Return Gas 35°C, Subcooling 8.3K, Ambient: 35°C

