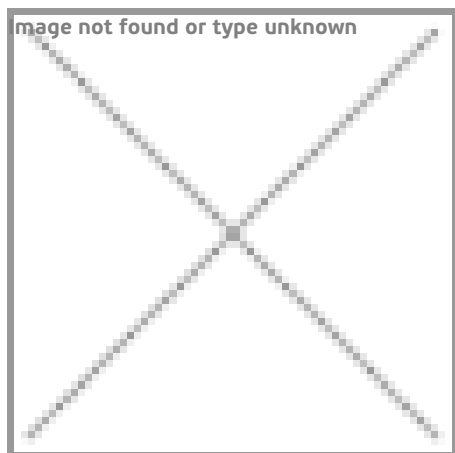


115V 60Hz 1~



GENERAL DATA

Application: L/M/HBP
Refrigerant: Blend
Evaporating Temperature Range: -35°C to 15°C
Compressor Cooling: Fan
Fan air flow: m3/h
Maximum Condensing Pressure - Operating: kgf/cm2 (psig)
Maximum Condensing Pressure - Peak: kgf/cm2 (psig)
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube
Packing Quantity:

Approvals:    

MECHANICAL DATA

Bore: 26 mm
Stroke: 21 mm
Free Internal Volume: - l
Maximum Recommended Refrigerant Charge: - ml
Weight: 11.44 kg

ELECTRICAL DATA

Motor Type: RSIR/CSIR -
Starting Torque: LST -
Maximum Motor Temperature: - °C
Start Winding Resistance: 6.03 Ω (± 10%) at 25°C
Run Winding Resistance: 1.23 Ω (± 10%) at 25°C
Locked Rotor Amperage (RLA): - A

MOUNTING ACCESSORIES

Description	Code
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ELECTRICAL COMPONENTS

Component type	Description	Code
CSR / CSIR Box: No	-	-
Start Capacitor: 460-552	-	-
Starting Device: CURRENT RELAY	Sub Cj Rele Curto 12.5A 115V -4mm/Cap	-
Motor Protection:	MRT20AKN-5590 -	-

EXTERNAL CHARACTERISTICS

Base Plate: UNI V2
Tray Holder: No
Height:

	Internal Diameter (mm)	Material	Shape
Suction Connector	8.2	Copper plated steel	Straight
Discharge Connector	6.5	Copper plated steel	Straight
Process Connector	6.5	Copper plated steel	Straight

RATED POINT DATA
115V 60Hz

Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
	±5%	±5%	±5%	±7%
1 458	634	6.98	37.25	2.30

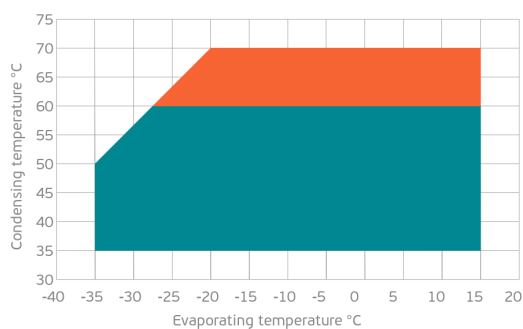
PERFORMANCE CURVE DATA
115V 60Hz

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
		±5%	±5%	±5%	±5%	±7%
35°C	15	1 896	682	7.67	48.94	2.78
	10	1 662	624	7.24	42.61	2.67
	5	1 437	568	6.84	36.63	2.53
	0	1 224	516	6.49	31.05	2.37
	-5	1 026	467	6.18	25.91	2.20
	-10	846	422	5.91	21.27	2.00
	-15	685	381	5.68	17.17	1.79
	-20	546	345	5.48	13.66	1.58
	-25	432	314	5.31	10.80	1.38
	-30	346	288	5.18	8.63	1.20
	-35	290	268	5.08	7.19	1.08

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
		±5%	±5%	±5%	±5%	±7%
45°C	15	1 873	705	7.61	48.32	2.66
	10	1 629	644	7.14	41.77	2.53
	5	1 398	586	6.73	35.64	2.39
	0	1 182	532	6.36	29.96	2.22
	-5	983	481	6.05	24.81	2.05
	-10	804	434	5.78	20.22	1.85
	-15	647	391	5.56	16.23	1.66
	-20	516	353	5.38	12.92	1.46
	-25	413	321	5.25	10.31	1.29
	-30	339	294	5.15	8.46	1.15
	-35	299	273	5.10	7.42	1.09

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
		±5%	±5%	±5%	±5%	±7%
55°C	15	1 846	735	7.78	47.62	2.51
	10	1 591	670	7.26	40.79	2.37
	5	1 351	609	6.79	34.45	2.22
	0	1 129	551	6.38	28.64	2.05
	-5	927	498	6.03	23.41	1.86
	-10	748	448	5.74	18.81	1.67
	-15	594	403	5.50	14.90	1.47
	-20	468	364	5.32	11.72	1.29
	-25	373	329	5.19	9.31	1.13
	-30	310	301	5.10	7.73	1.03





- Operating Condition
- Transient Condition
- Superheating

NOTE: usage of compressors outside of intended working range cannot make use of the warranty, or should be consulted with Technical support.