


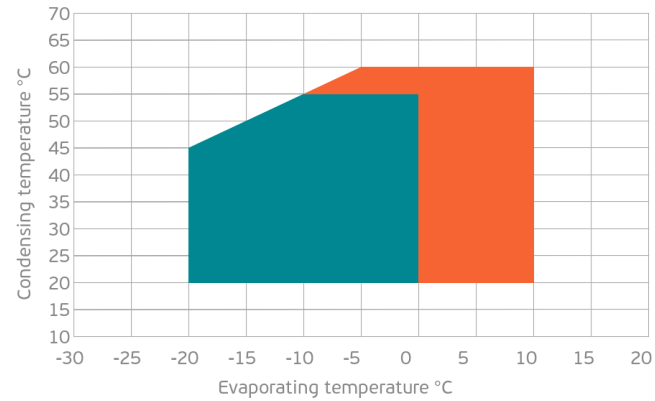


GENERAL DATA

Application:	MBP
Refrigerant:	R404A
Evaporating Temperature Range:	-20°C to 10°C
Compressor Cooling:	Fan
Fan air flow:	520 m3/h
Maximum Condensing Pressure - Operating:	24.71 kgf/cm2 (psig)
Maximum Condensing Pressure - Peak:	27.71 kgf/cm2 (psig)
Type:	Hermetic reciprocating
Technology Type:	On-Off
Expansion Device:	Capillary Tube or Expansion Valve
Packing Quantity:	Single - 1 pc
Institute Approvals:	  

OPERATING ENVELOPE



MECHANICAL DATA

Bore:	26.5 mm
Stroke:	15.92 mm
Free Internal Volume:	2.1 cm ³
Maximum Recommended Refrigerant Charge:	350 ml
Weight:	10.7 kg

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL DATA

Motor Type:	CSIR -
Starting Torque:	HST -
Maximum Motor Temperature:	130 °C
Start Winding Resistance:	34.8 Ω (± 10%) at 25°C
Run Winding Resistance:	5.26 Ω (± 10%) at 25°C
Locked Rotor Amperage (RLA):	- A

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL COMPONENTS

	Component type	Description	Code
Inverter:	-	-	-
Run Capacitor:	-	-	-
CSR / CSIR Box:	-	-	-
Start Capacitor:	-	53-64 MFD 330V	2252346
Motor Protection:	External 3/4"	T0660/G6	2319095
Starting Device:	Current relay	MTRP-0029-65	2334105

ACCESSORIES

Description

Code

For additional accessories please contact our technical support

EXTERNAL CHARACTERISTICS

	Shape	Material	Internal Diameter (mm)
Suction Connector	Slanted 42°	Copper	8.1
Discharge Connector	Straight	Copper	6.1
Process Connector	Slanted 42°	Copper	6.1

MOUNTING ACCESSORIES

Description	Code
At maximum evaporating temperature and maximum ambient temperature.	

PERFORMANCE CURVE DATA

Standard: ASHRAE / w

50 Hz

	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
35°C Condensing Temperature	10°C	1 984	494	2.92	45.18	4.01
	5°C	1 670	470	2.82	37.58	3.55
	0°C	1 392	445	2.72	30.99	3.13
	-5°C	1 149	419	2.61	25.36	2.74
	-10°C	942	390	2.50	20.64	2.41
	-15°C	770	360	2.38	16.78	2.14
	-20°C	634	328	2.26	13.72	1.93
45°C Condensing Temperature	10°C	1 703	569	3.23	43.04	2.99
	5°C	1 434	538	3.09	35.77	2.67
	0°C	1 197	504	2.95	29.50	2.37
	-5°C	991	469	2.80	24.19	2.11
	-10°C	817	432	2.64	19.78	1.89
	-15°C	674	392	2.48	16.22	1.72
	-20°C	563	350	2.31	13.45	1.61
55°C Condensing Temperature	10°C	1 438	650	3.59	41.06	2.21
	5°C	1 204	609	3.40	33.90	1.98
	0°C	998	565	3.20	27.73	1.77
	-5°C	819	519	3.00	22.51	1.58
	-10°C	668	470	2.79	18.18	1.42

		Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
54.4°C Condensing Temperature	Rated point	7.2°C	1 318	623	3.46	37.03	2.12