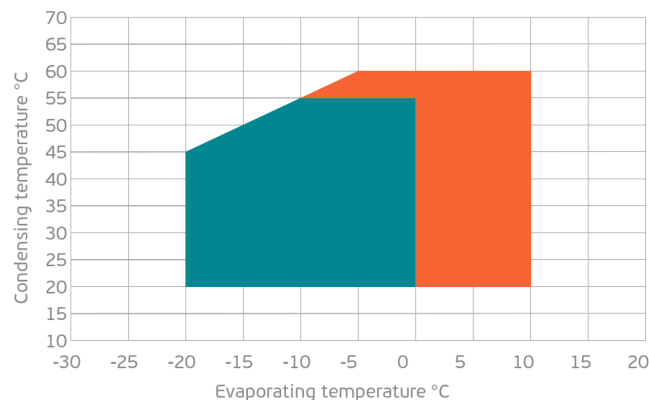


GENERAL DATA

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:	CE CCC

OPERATING ENVELOPE



MECHANICAL DATA

Bore:	26.5 mm
Stroke:	13.2 mm
Free Internal Volume:	2.1 cm ³
Maximum Recommended Refrigerant Charge:	350 ml
Weight:	10.3 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:	29.57 Ω (± 10%) at 25°C
Run Winding Resistance:	7.96 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:	-	43-53 MFD 330V	2252347
Starting Device:	Current relay	MTRP-41-65	2334121
Motor Protection:	External 3/4"	T0874/G6	2319093

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	1 659	430	2.68	37.78	3.86
	5°C	1 400	400	2.55	31.50	3.50
	0°C	1 170	371	2.43	26.05	3.15
	-5°C	968	346	2.33	21.36	2.80
	-10°C	794	324	2.24	17.41	2.45
	-15°C	649	305	2.18	14.15	2.13
	-20°C	533	291	2.13	11.54	1.83
45°C Condensing Temperature	10°C	1 424	489	2.88	35.97	2.91
	5°C	1 198	457	2.74	29.88	2.62
	0°C	999	424	2.60	24.61	2.35
	-5°C	825	392	2.48	20.12	2.10
	-10°C	676	360	2.36	16.37	1.88
	-15°C	553	330	2.25	13.31	1.68
	-20°C	456	301	2.15	10.90	1.52
55°C Condensing Temperature	10°C	1 199	532	3.07	34.23	2.25
	5°C	1 006	502	2.92	28.32	2.00
	0°C	837	470	2.78	23.24	1.78
	-5°C	689	435	2.63	18.94	1.59
	-10°C	565	398	2.49	15.38	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	1 100	513	2.98	30.91	2.14