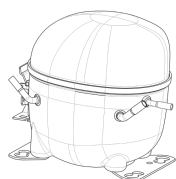


208-230V 60 1~

GENERAL DATA

Application: MBP
Refrigerant: R404A
Evaporating Temperature Range: -20°C to 10°C
Compressor Cooling: Fan
Fan air flow: 520 m³/h
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube or Expansion Valve
Packing Quantity: Single - 1 pc
Displacement: 8.77 cm³
Horse power: 1.2 hp

Approvals:   

MECHANICAL DATA

Bore: 26.5 mm
Stroke: 15.92 mm
Oil Charge: 350ml +/-15ml
Free Internal Volume: 2.1 cm³
Maximum Recommended Refrigerant Charge: 350 g
Oil Type Configuration: Polyolester
Oil Type Viscosity: ISO22
Compressor pressurization: Dry air charge
Weight: 11.5 kg

ELECTRICAL DATA

Motor Type: CSR
Starting Torque: HST
Voltage working range at 60 Hz: 187-244 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 15.17 Ω (± 10%) at 25°C
Run Winding Resistance: 3.87 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 22 A

MOUNTING ACCESSORIES

	Description	Code
Terminal Board:	no	-
Anchorage:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Clip:	no	-
Rotolock valve:	no	-
Overload Protector Bracket:	yes	2075299
Cover:	yes	2075278
Grommets:	yes	2221003
Sleeves:	yes	2222015

ELECTRICAL COMPONENTS

	Component type	Description	Code
Motor Protection:	External 3/4"	T0798/G9	2321100
Start Capacitor:		43-53 MFD 330V	2252268
Starting Device:	Potential relay	RVA4AH3C-648	1253027
Run Capacitor:		7.5 MFD	2253320
CSR / CSIR Box:	yes		1272425

EXTERNAL CHARACTERISTICS

Base Plate: Universal
Tray Holder: No
Height: 200 mm

	Internal Diameter (mm)	Material	Shape
Suction Connector	8.1	Copper	Slanted 42°
Discharge Connector	6.45	Copper	Straight
Process Connector	6.45	Copper	Slanted 42°



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%
817	562	3.04	30.24	1.45

Test condition: ARI 540, Fan, Return Gas 4.4°C, Subcooling OK, Evaporating: -6.7°C, Condensing: 49°C, Ambient: 35°C

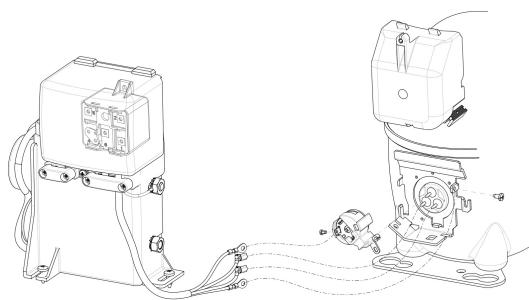
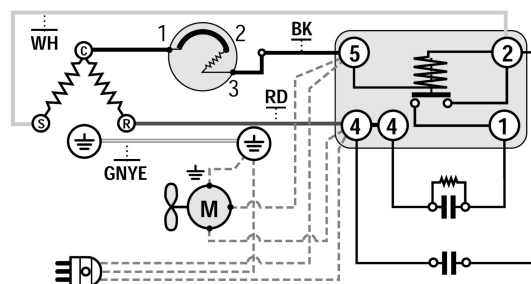
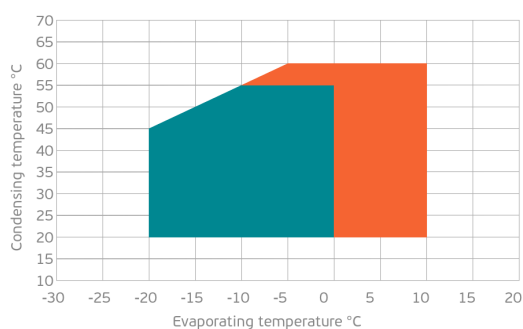
PERFORMANCE CURVE DATA**208V 60Hz**

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	10	2 313	594	3.24	73.56	3.89
	5	1 867	576	3.14	58.06	3.24
	0	1 488	552	3.03	45.34	2.69
	-5	1 175	523	2.92	35.21	2.25
	-10	930	490	2.80	27.48	1.90
	-15	752	452	2.68	21.95	1.66
	-20	640	408	2.55	18.42	1.57

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	1 932	642	3.38	72.06	3.01
	5	1 556	621	3.28	56.55	2.51
	0	1 236	594	3.16	43.84	2.08
	-5	972	560	3.04	33.75	1.73
	-10	764	521	2.90	26.08	1.47
	-15	612	476	2.75	20.64	1.29
	-20	516	425	2.58	17.23	1.21

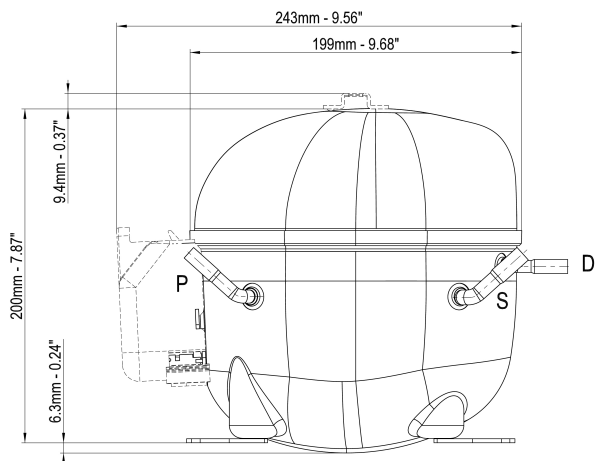
Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
55°C	10	1 524	691	3.56	70.01	2.20
	5	1 224	667	3.45	54.58	1.83
	0	968	635	3.32	41.98	1.52
	-5	758	597	3.17	32.02	1.27
	-10	594	551	3.01	24.50	1.08

Test condition: ARI 540, Fan, Return Gas 4.4°C, Subcooling OK, Ambient: 35°C

ASSEMBLY INSTRUCTION**WIRING DIAGRAM****OPERATING ENVELOPE**

- 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.



	Ø mm	Ø in	Material
S - Suction	8.10 - 8.20	0.32	Cu
P - Process	6.45 - 6.55	0.25	Cu
D - Discharge	6.45 - 6.55	0.25	Cu

