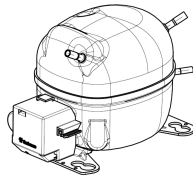


220-240V 50 1~



GENERAL DATA

Application: MBP
Refrigerant: R404A
Evaporating Temperature Range: -20°C to 10°C
Compressor Cooling: Fan
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube or Expansion Valve
Packing Quantity: 100
Displacement: 4.5 cm³
Horse power: 1/4 hp

Approvals: 

MECHANICAL DATA

Bore: 21 mm
Stroke: 13 mm
Oil Charge: 180ml
Oil Type Configuration: ESTER
Oil Type Viscosity: ISO22
Weight: 7.74 kg

ELECTRICAL DATA

Motor Type: CSIR
Starting Torque: HST
Voltage working range at 50 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 21.3 Ω (± 10%) at 25°C
Run Winding Resistance: 12.95 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 9 A

MOUNTING ACCESSORIES

| | Description | Code |
|------------------------------------|-------------|-----------|
| Anchorage: | no | - |
| Washer: | no | - |
| Pin: | no | - |
| Clip: | no | - |
| Sleeves: | no | - |
| Grommets: | yes | 2221011 |
| Capacitor Bracket: | yes | 2256008 |
| Terminal: | yes | 1027060 |
| Cover: | yes | 113346023 |
| Overload Protector Bracket: | yes | 2075247 |

ELECTRICAL COMPONENTS

| | Component type | Description | Code |
|--------------------------|----------------|----------------|---------|
| CSR / CSIR Box: | No | | |
| Start Capacitor: | | 43-53UF - 330V | 2252347 |
| Starting Device: | Relay | MTRP-34* | |
| Motor Protection: | | T0827/G6 | |

EXTERNAL CHARACTERISTICS

Base Plate: SMALL EUEM
Tray Holder: Yes
Height: mm

| | Internal Diameter (mm) | Material | Shape |
|----------------------------|------------------------|----------|---------------------------------|
| Suction Connector | 6.1 | Copper | Slanted 42° up + 45° to Back |
| Discharge Connector | 4.94 | Copper | Slanted parallel BP+24° to Back |
| Process Connector | 6.1 | Copper | Slanted 45° up + 45° to Back |

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% |
| 422 | 229 | 1.38 | 11.59 | 1.84 |

Test condition: EN 12900, Fan, Return Gas 20°C, Subcooling OK, Evaporating: -10°C, Condensing: 45°C, Ambient: 35°C

PERFORMANCE CURVE DATA**220V 50Hz**

| 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 | 1 009 | 262 | 1.51 | 25.71 | 3.85 |
| | 5 | 858 | 249 | 1.46 | 21.55 | 3.45 |
| | 0 | 723 | 235 | 1.41 | 17.95 | 3.07 |
| | -5 | 604 | 222 | 1.36 | 14.85 | 2.72 |
| | -10 | 500 | 208 | 1.31 | 12.19 | 2.40 |
| | -15 | 409 | 194 | 1.26 | 9.92 | 2.11 |
| | -20 | 332 | 179 | 1.22 | 7.97 | 1.85 |

| 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 | 861 | 300 | 1.66 | 24.88 | 2.87 |
| | 5 | 730 | 282 | 1.59 | 20.78 | 2.59 |
| | 0 | 614 | 264 | 1.52 | 17.24 | 2.32 |
| | -5 | 512 | 247 | 1.45 | 14.19 | 2.07 |
| | -10 | 422 | 229 | 1.38 | 11.59 | 1.84 |
| | -15 | 343 | 211 | 1.32 | 9.36 | 1.63 |
| | -20 | 276 | 192 | 1.26 | 7.46 | 1.44 |

| 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 | 700 | 344 | 1.82 | 23.69 | 2.04 |
| | 5 | 592 | 320 | 1.73 | 19.70 | 1.85 |
| | 0 | 497 | 297 | 1.64 | 16.27 | 1.67 |
| | -5 | 413 | 274 | 1.55 | 13.33 | 1.51 |
| | -10 | 339 | 250 | 1.46 | 10.83 | 1.36 |

Test condition: EN 12900, Fan, Return Gas 20°C, Subcooling OK, Ambient: 35°C

Model **EMT6152GK**

Code **51330621998ZA**

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CHANGE ON.