

**1. Air Conditioning System
A: SPECIFICATIONS**

| Item | | Specifications |
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| Type of air conditioner | | Reheat air-mix type |
| Cooling capacity (IMACA) | | 4.885 kW (4,200 kcal/h, 16,666 BTU/h) |
| Refrigerant | | HFC-134a (CH ₂ FCF ₃) [0.6 — 0.7 kg (1.3 — 1.5 lb)] |
| Compressor | Type | 5-vane rotary, fix volume (DKV-14D) |
| | Discharge | 140 cm ³ (8.54 cu in)/rev |
| | Max. permissible speed | 7,000 rpm |
| Magnet clutch | Type | Dry, single-disc type |
| | Power consumption | 45 W |
| | Type of belt | V-Ribbed 4 PK |
| | Pulley dia. (effective dia.) | 125 mm (4.92 in) |
| | Pulley ratio | 1.064 |
| Condenser | Type | Corrugated fin (Multi-flow) |
| | Core face area | 0.215 m ² (2.31 sq ft) |
| | Core thickness | 19 mm (0.75 in) |
| | Radiation area | 4.7 m ² (51 sq ft) |
| Receiver drier | Effective inner capacity | 290 cm ³ (17.70 cu in) |
| Expansion valve | Type | External equalizing |
| Evaporator | Type | Aℓ-laminate |
| | Dimensions (W x H x T) | 74 x 224 x 235 mm (2.91 x 8.82 x 9.25 in) |
| Blower fan | Fan type | Sirocco fan |
| | Outer diameter x width | 150 x 75 mm (5.91 x 2.95 in) |
| | Power consumption | 230 W at 12 V |
| Condenser fan (Sub fan) | Motor type | Magnet |
| | Power consumption | 120 W at 12 V |
| | Fan outer diameter | 320 mm (12.60 in) |
| Radiator fan (Main fan) | Motor type | Magnet |
| | Power consumption | 120 W at 12 V |
| | Fan outer diameter | 320 mm (12.60 in) |
| Idling speed with F.I.C.D. in operation | MPFI model | 850±100 rpm (700±100 rpm "D" range in AT model) |
| Dual switch (Pressure switch) High-pressure line | <p>ON ——— 177±20 (1.8±0.2, 26±3) ——— 2,940±196 (30±2, 427±28)</p> <p>OFF ——— 186±29 (1.9±0.3, 27±4) ——— 588±196 (6±2, 85±28)</p> <p>kPa (kg/cm², psi)</p> <p>B4M0755A</p> | |
| Compressor relief valve blow-out pressure | <p>2,991 (30.5, 434)</p> <p>Valve closes. ——— 3,629±294 (37±3, 526±43) kPa (kg/cm², psi)</p> <p>Valve opens. ———</p> <p>B4M0084A</p> | |
| Thermo control amplifier working temperature (Evaporator outlet air) | <p>Diff. 2.5±0.3°C (37±0.5°F)</p> <p>OFF ——— 3.5±0.5°C (38±0.9°F) ——— ON</p> <p>B4M0756A</p> | |