

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

Item		Specifications
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) [0.55 — 0.65 kg (1.21 — 1.43 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	Internal 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 style="text-align: right;">B4M0755A</p>	
Compressor relief valve blow-out pressure	<p style="text-align: right;">B4M0084A</p>	
Thermo control amplifier working temperature (Evaporator outlet air)	<p style="text-align: right;">B4M0756A</p>	