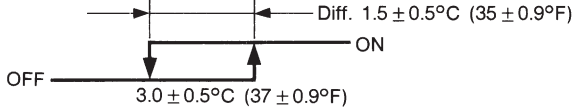


1. Air Conditioning System

Item		Specifications	
Type of air conditioner		Reheat air-mix type	
Cooling capacity (IMACA)		5.234 kW (4,500 kcal/h, 17,856 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 (CR-14)	
	Discharge	144 cm ³ (8.79 cu in)/rev	
	Max. permissible speed	7,000 rpm	
Magnet clutch	Type	Dry, single-disc type	
	Power consumption	47 W	
	Type of belt	V-Ribbed 4 PK	
	Pulley dia. (effective dia.)	120 mm (4.72 in)	
	Pulley ratio	1.8 model: 1.11, 1.6 model: 0.92	
Condenser	Type	Corrugated fin (Multi-flow)	
	Core face area	0.196 m ² (2.1 sq ft)	
	Core thickness	19 mm (0.75 in)	
	Radiation area	4.7 m ² (51 sq ft)	
Receiver drier	Effective inner capacity	250 cm ³ (15.26 cu in)	
Expansion valve	Type	External equalizing	
Evaporator	Type	Single tank	
	Dimensions (W x H x T)	86 x 222 x 235 mm (3.39 x 8.74 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 (A/C ON)		MPFI model 850±50 rpm (700±50 rpm "D" range in AT model)	
Dual switch (Pressure switch)	Low-pressure switch operating pressure kPa (kg/cm ² , psi)	ON → OFF	176±20 (1.80±0.20, 25.5±2.9)
		OFF → ON	186±29 (1.90±0.30, 27.0±4.2)
	High-pressure switch operating pressure kPa (kg/cm ² , psi)	ON → OFF	2,648±196 (27±2, 384±28)
		DIFF	588±196 (6±2, 85±28)
Compressor relief valve blow-out pressure kPa (kg/cm ² , psi)		3,727±196 (38±2.0, 540±28)	
Thermo control amplifier working temperature (Evaporator outlet air)		 <p style="text-align: right;">G4M0938</p>	
Compressor thermocut temperature		140±5°C (284±9°F) Diff. 15±5°C (59±9°F)	