

## 1. Specifications

Item		Specifications	
Type of air conditioner		Reheat air-mix type	
Cooling capacity		5.2 kW (4,471 kcal/h, 17,741 BTU/h)	
Refrigerant		HFC-134a (CH <sub>2</sub> FCF <sub>3</sub> ) [0.65±0.05 kg (1.43±0.11 lb)]	
Compressor	Type	5-vane rotary, fix volume (DKV-14G)	
	Discharge	140 cm <sup>3</sup> (8.54 cu in)/rev	
	Max. permissible speed	7,000 rpm	
Magnet clutch	Type	Dry, single-disc type	
	Power consumption	38 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	0.241 m <sup>2</sup> (2.59 sq ft)	
	Core thickness	19 mm (0.75 in)	
	Radiation area	6.52 m <sup>2</sup> (70 sq ft)	
Receiver drier	Effective inner capacity	250 cm <sup>3</sup> (15.26 cu in)	
Expansion valve	Type	Internal equalizing	
Evaporator	Type	Single tank	
	Dimensions (W × H × T)	235 × 224 × 60 mm (9.25 × 8.82 × 2.36 in)	
Blower fan	Fan type	Sirocco fan	
	Outer diameter × width	150 × 75 mm (5.91 × 2.95 in)	
	Power consumption	220 W at 12 V	
Condenser fan (Sub fan)	Motor type	Magnet	
	Power consumption	75 W at 12 V	
	Fan outer diameter	300 mm (11.81 in)	
Radiator fan (Main fan)	Motor type	Magnet	
	Power consumption	75 W at 12 V	
	Fan outer diameter	300 mm (11.81 in)	
Idling speed (A/C ON)		MPFI model 850±100 rpm	
Dual switch (Pressure switch)	Low-pressure switch operating pressure	ON → OFF	177±25 kPa (1.80±0.25 kg/cm <sup>2</sup> , 25.6±3.6 psi)
		OFF → ON	216 <sup>+39</sup> / <sub>-25</sub> kPa (2.2 <sup>+0.4</sup> / <sub>-0.25</sub> kg/cm <sup>2</sup> , 31 <sup>+5.7</sup> / <sub>-3.6</sub> psi)
	High-pressure switch operating pressure	ON → OFF	2,942±196 kPa (30±2 kg/cm <sup>2</sup> , 427±28 psi)
		DIFF	588±196 kPa (6±2 kg/cm <sup>2</sup> , 85±28 psi)
Thermo control amplifier working temperature (Evaporator outlet air)		<p>Diff. 3.0±0.3°C (37±0.5°F)</p> <p>ON</p> <p>OFF</p> <p>1.5±0.5°C (35±0.9°F)</p>	

B4M2237A