AIR CONDITIONER

■ DESCRIPTION

The new models have an air conditioner system with the following equipments.

—: Not Available ●: Standard OP: Option

Destination		Europe		Australia	G.C.C. Countries	General Countries
Grade		Standard	SOL	Standard	Standard	Standard
Air Conditioner	Without	●	OP	●	—*1/●*2	●
	Manual	OP	●	OP	●*1/OP*2	OP
	Automatic	—	OP	—	—	—
Heater	Standard	●	●	●	OP*1/●*2	●
	Combustion Type Power Heater	OP*3	OP*3	—	—	—
	Partial Recirculation System	OP*4	OP*4	—	—	—
	Partial Recirculation System & PTC Heater	OP*5	OP*5	—	—	—
	Boost Vent	—	—	—	●*1/OP*2	OP*6
Clean Air Filter		OP*5	OP*7	—	—	—
Rear Footwell Register Duct		OP*5	OP*5	—	—	—

*1: Only for Hatchback Models
*2: Only for Sedan Models
*3: Only for Cold Area Specification LHD Models with 1ND-TV Engine
*4: Only for Cold Area Specification LHD Models with 1KR-FE Engine
*5: Only for Cold Area Specification LHD Models
*6: Only for Hatchback LHD Models and Sedan Models
*7: Only for Cold Area Specification LHD Models or Models with Automatic Air Conditioner

- On the cold area specification LHD models with the 1ND-TV engine, the combustion type power heater is used to realize excellent heater performance.
- The partial recirculation system is provided on cold area specification LHD models, achieving a faster heating effect in cold areas.
- The PTC heater system uses a PTC (Positive Temperature Coefficient) element to warm the air that passes through the heater core to ensure the proper heater performance.

▶ Performance ◀

Heater	Heater Output	W (Kcal/h)	4600 (3955)
	Air Flow Volume	m^3/h	280
	Power Consumption	W	Less than 170
Air Conditioner	Cooling Capacity	W (Kcal/h)	4275 (3675)
	Air Flow Volume	m^3/h	420
	Power Consumption	W	Less than 210

▶ Specifications ◀

Ventilation and Heater Core	Heater Core	Type	SFA-II (Straight Flow Aluminum-II)
		Size W x H x L mm (in.)	201.5 x 140 x 27 (7.9 x 5.5 x 1.1)
		Fin Pitch mm (in.)	1.8 (0.07)
	Blower	Motor Type	K62-11.5T*1 / K62-12.5T*2
		Fan Type	Stabilized Scroll Flow
		Fan Size Dia. x H mm (in.)	145 x 65 (5.7 x 2.6)
Air Conditioner	Condenser	Type	Multi-flow IV (Sub Cool)
		Size W x Hx L mm (in.)	520 x 325.4 x 16 (20.5 x 12.8 x 0.6) 680 x 325.4 x 16 (26.8 x 12.8 x 0.6)*3 500 x 325.4 x 16 (19.7 x 12.8 x 0.6)*4
		Fin Pitch mm (in.)	2.75 (0.11)/3.15 (0.12)*3
	Evaporator	Type	RS (Revolutionary & super slim Structure)
		Size W x H x L mm (in.)	199.3 x 231 x 38 (7.8 x 9.1 x 1.5)
		Fin Pitch mm (in.)	2.6 (0.10)*1/3.0 (0.12)*2
	Compressor	Type	5SER09
		Pulley	Plastic DL (without Magnetic Clutch)
	Refrigerant	Type	R134a
		Charge Volume g	360 ± 30/380 ± 30*3
Clean Air Filter			High Efficiency
Low Heat Source Countermeasure			● Combustion Type Power Heater ● Air Inlet Mode ● Air Inlet Mode & PTC Heater

*1: LHD Models
*2: RHD Models
*3: G.C.C. Countries Models
*4: TMMF Models