AIR CONDITIONER

■ DESCRIPTION

The air conditioner in the new Kluger has the following features:

- An automatic air conditioner is a standard equipment in all models.
- A semi-center location air conditioner unit, in which the evaporator and heater core are placed in the vehicle's longitudinal direction, has been adopted.
- A compact, lightweight, and highly efficient straight flow (full-path flow) aluminum heater core is used for the front air conditioner.
- A multi-tank, super-slim structure evaporator has been adopted.
- The heater exchange efficiency has been improved through the adoption of the sub-cool condenser.
- The air conditioner ECU is equipped with a self-diagnosis function. If there is a malfunction in the system, it stores the DTCs (Diagnostic Trouble Codes) in its memory.
- The rear heater for rear No.2 seat is optional equipment on the models with rear No.2 seat.

▶ Performance ◀

			Front Automatic Air Conditioner	Rear Heater
Heater	Heat Output	W (Kcal/h)	5550 (4773)	1700 (1462)
	Air Flow Volume	m^3/h	340	90
	Power Consumption	W	210	40
Air Conditioner	Cooling Capacity	W (Kcal/h)	5600 (4816)	—
	Air Flow Volume	m^3/h	530	—
	Power Consumption	W	260	—

BE

▶ Specifications ◀

				Front Automatic Air Conditioner	Rear Heater
Ventilation and Heater Core	Heater Core	Type		Straight Flow (Full-path Flow)	U-turned Flow Aluminum
		Size W x H x L	mm (in.)	228.7 x 140 x 27 (9.0 x 5.5 x 1.06)	92.7 x 110 x 27 (3.65 x 4.33 x 1.06)
		Fin Pitch	mm (in.)	1.8 (0.07)	2.5 (0.098)
	Blower	Motor Type		S80Fs-12.5T	50Fs-23W40Y
		Fan Type		Radial Fan	Sirocco Fan
		Fan Size	Dia. x H mm (in.)	180 x 70 (7.1 x 2.8)	115.3 x 65 (4.54 x 2.56)
Air Conditioner	Condenser	Type		Multi-flow (Sub-cool)	—
		Size W x H x L	mm (in.)	690 x 425.8 x 16 (27.2 x 16.8 x 0.6)	—
		Fin Pitch	mm (in.)	4.0 (0.16)	—
	Evaporator	Type		Drawn Cup (Multi-tank, Super-slim Structure)	—
		Size W x H x L	mm (in.)	259.8 x 255 x 58 (10.2 x 10.0 x 2.3)	—
		Fin Pitch	mm (in.)	4.0 (0.16)	—
	Compressor	Type		10S17	—
	Refrigerant	Type		HFC134a (R134a)	—
		Volume	g	650±50	—