

AIR CONDITIONER

DESCRIPTION

1. General

The air conditioner system in the IS200 has the following features:

- A fully automatic controlled type air conditioner system is used on all models.
- A semi-center location air conditioner unit, which the evaporator and heater core are placed in the center of the vehicle, has been newly adopted.
- A sub-cool condensor, which cools the refrigerant twice, has been adopted.
- The dial switch and touch switch type heater control panel is used.
- The display flashes for 10 seconds when the outside temperature display shows 3°C or less.
- The air filter can now be replaced from the glove box, thus realizing excellent serviceability.
- In addition to the normal A/C control signals, signals such as those for flashing the seat belt indicator light for the passenger seat or the SNOW signal of the snow switch, and PWR signal of the pattern select switch are input in the A/C ECU.
- This system contains a diagnosis function, and the diagnostic trouble codes (DTCs) can be accessed through the use of a hand-held tester. Refer to the Lexus IS200 Repair Manual (Pub. No. RM684E1)

► Performance ◀

Item		IS200
Heater	Heat Output W (Kcal/h)	4900 (4214)
	Air Flow Volume m ³ /h	280
	Power Consumption W	180
Air Conditioner	Heat Output W (Kcal/h)	4500 (3870)
	Air Flow Volume m ³ /h	425
	Power Consumption W	220

► Specifications ◀

Item			IS200
Ventilation and Heater	Heater Core	Type	Multi-Flow Type
		Size	100 x 264.1 x 27
		W x H x L mm (in.)	(3.9 x 10.4 x 1.1)
		Fin pitch mm (in.)	2.25 (0.09)
	Blower	Motor Type	S70F-14T
		Fan Type	Radial Fan
		Fan Size Dia. x H mm (in.)	180 x 70 (7.1 x 2.8)
Air Conditioner	Condenser	Type	Multi-Flow Type (Sub-Cool Type)
		Size	630 x 349.8 x 16
		W x H x L mm (in.)	(24.8 x 13.77 x 0.63)
		Fin pitch mm (in.)	4.0 (0.16)
	Evaporator	Type	Drawn Cup Type
		Size	291.6 x 215 x 58
		W x H x L mm (in.)	(11.4 x 8.5 x 2.3)
		Fin pitch mm (in.)	4.0 (0.16)
	Compressor	Type	10S15