

AIR CONDITIONER

■ DESCRIPTION

1. General

The air conditioner system for the new IS300/200 and IS300 SportCross models is basically the same as the system for the previous IS200, except for the following changes:

- A variable-capacity type compressor (7SBU16) has been adopted on the IS300/IS300 SportCross models.
- The fin pitch of the heater core of the IS300/IS300 SportCross Europe LHD models, which was 2.5 mm on the IS200, has been changed to 1.8 mm.
- The automatic air conditioner control of all models has adopted a low-temperature FOOT/DEF control to improve defogger performance when the outside air temperature is low.

► Performance ◀

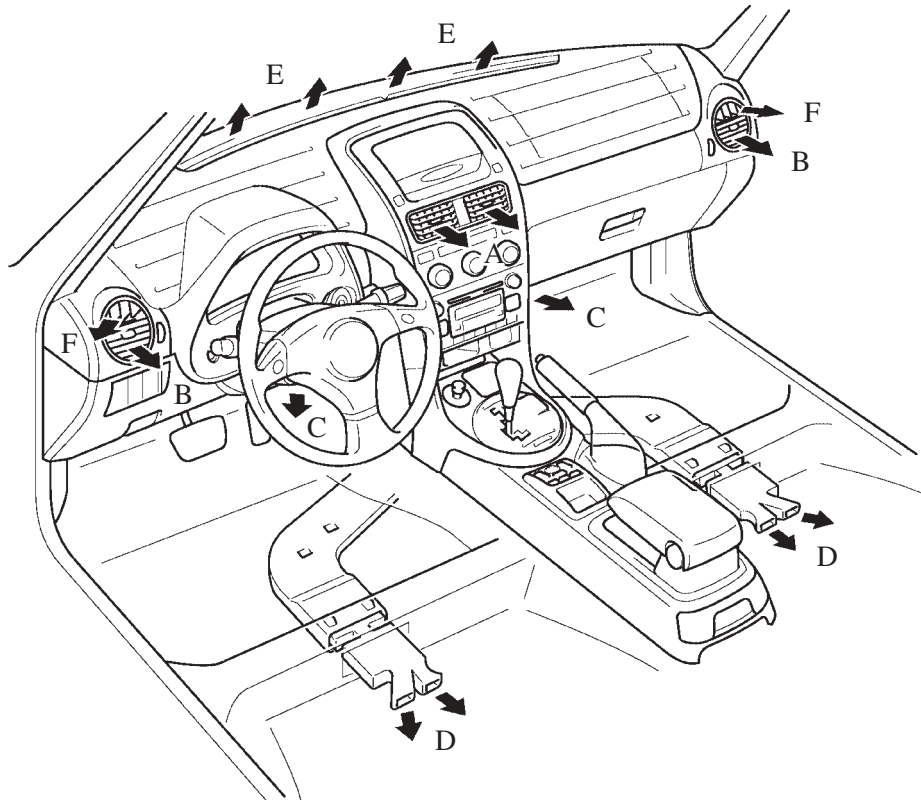
Item		IS300/200 and IS300 SportCross
Heater	Heat Output W (Kcal/h)	4900 (4214)
	Air Flow Volume m ³ /h	315
	Power Consumption W	180
Air Conditioning	Heat Output W (Kcal/h)	4900 (4214)
	Air Flow Volume m ³ /h	490
	Power Consumption W	220

► Specifications ◀

Item			IS300/IS300 SportCross	IS200
Ventilation and Heater	Heater Core	Type	Multi-Flow Type Straight Flow (Full-Path Flow)	←
		Size W x H x L mm (in.)	100 x 264.1 x 27 (3.9 x 10.4 x 1.1)	←
		Fin pitch mm (in.)	1.8 (0.07)*, 2.25 (0.09)	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 Conditioning	Condenser	Type	Multi-Flow Type (Sub-Cool Type)	←
		Size W x H x L mm (in.)	630 x 349.8 x 16 (24.8 x 13.77 x 0.63)	←
		Fin pitch mm (in.)	4.0 (0.16)	←
	Evaporator	Type	Drawn Cup Type (Multi-Tank, Super Slim)	←
		Size W x H x L mm (in.)	291.6 x 215 x 58 (11.4 x 8.5 x 2.3)	←
		Fin pitch mm (in.)	4.0 (0.16)	
	Compressor	Type	7SBU16	10S15

*: Europe LHD Models

2. Air Outlets and Air Volume Ratios



204BE01

NF

☐ : Newly adopted function

Air Outlet Mode	Selectable Mode		Register		Foot well		Defroster	
	Automatic	Manual	Center	Side	Front	Rear	Front	Side
FACE 187BE24	●	●	○	○				
BI-LEVEL 187BE25	●	●	○	○	○	○		
FOOT 187BE26		●		○	○	○		
	●			○	○	○	○	○
FOOT/DEF 187BE27	●	●		○	○	○	○	○
DEF 187BE28		●		○			○	○
Air Outlet Position Symbol			A	B	C	D	E	F

The size of the circle ○ indicates the proportion of air flow volume.