AIR CONDITIONING

■ DESCRIPTION

- The automatic air conditioning using multi-zone automatic climate control and neural network control is standard equipment.
- A multi-zone automatic climate control independently regulates the outlet air temperatures for the following four zones: the driver seat, the front passenger seat, the right side of the rear No. 1 and No. 2 seats, and the left side of the rear No. 1 and No. 2 seats. This offers comfortable space for all occupants.
- For further comfort enhancement for rear passengers, the rear air conditioning unit is provided.
- The air conditioning system has the following features:

Item	Features
High Performance	● Neural network control is used so passengers can control the air conditioning accurately for maximum comfort. ● The up/down independent temperature control is used to achieve further comfort. The up/down independent temperature control adjusts the difference in temperature of the air blown over the upper body and lower body based on signals from the solar sensor. ● Automatic FOOT/DEF mode control is used to improve defroster performance. ● The sub-cool accelerator system has been provided. This system consists of inner and outer pipes, and is capable of improving the cooling performance because of its effective heat exchanging design. ● A pollen removal type, which has a pollen removal effect, is used as the clean air filter. ● The blower control has 9 steps to allow precise control.
Lightweight	A BUS connector with a built-in IC is used in a lightweight wire harness design to allow a reduced number of wires. The use of this connector means that pulse pattern type servomotors are used.
Others	The following parts are used to ensure high cooling performance while realizing a compact and lightweight construction. ● Semi-center location air conditioning unit ● RS (Revolutionary super-slim Structure) evaporator ● SFA (Straight Flow Aluminum)-II heater radiator ● MF (Multi-Flow)-IV sub-cool condenser