AIR CONDITIONING

■ DESCRIPTION

1. General

The air conditioning system in the new Hilux has the following features:

- As in the previous model, a 2-flow level type heater unit is used on all models.
  In addition, a max. cool damper has been provided to reduce the ventilation resistance when the temperature control lever is in the max. cool position and to increase the outlet air volume.
- 2 types of heater control panels are used: rotary switch and lever type, and lever type. The rotary switch and lever type heater control panel has been adopted on models for Europe, Australia and G.C.C. Countries. The lever type heater control panel is used on models for General Countries.
- An aluminum heater core has been adopted.
- A multi-flow type condenser that provides excellent heat-exchanging efficiency is used.
- The defroster nozzle inner wall is modified into a radial configuration for smoother air flow.
- A water valve has been discontinued.

▶ Performance ◀

Item		New	Previous
Heater	Heat Output W (Kcal/h)	4400 (3780) 4600 (3960)*	4070 (3500) 4240 (3650)*
	Air Flow Volume m^3/h	280*, 290	260
	Power Consumption W	150	160
Air Conditioning	Heat Output W (Kcal/h)	4150 (3570)	4070 (3500)
	Air Flow Volume m^3/h	410	←
	Power Consumption W	190	210

*: Models with Heavy Duty Heater

▶ Specifications ◀

Item			New	Previous
Ventilation and Heater	Heater Core	Type	Flat Tube Type	Flat Tube Type Dimpled Tube Type*
		Size W x H x L mm (in.)	143.1 x 220 x 27 (5.6 x 8.7 x 1.1)	140.5 x 220 x 32 (5.5 x 8.7 x 1.3)
		Fin Pitch mm (in.)	1.6 (0.06)*, 2.2 (0.09)	2.0 (0.08)
	Blower	Motor Type	S70F14T	S70F12T
		Fan Size Dia. x H mm (in.)	150 x 75 (5.9 x 2.9)	140 x 65 (5.5 x 2.6)
Air Conditioning	Condenser	Type	Multi Flow Type	Serpentine Type
		Size W x H x L mm (in.)	530 x 283.3 x 16 (20.9 x 11.2 x 0.6)	546 x 273 x 22 (21.5 x 10.7 x 0.9)
		Fin Pitch mm (in.)	3.6 (0.14)	3.4 (0.13)
	Evaporator	Type	Serpentine Type	←
		Size W x H x L mm (in.)	267 x 196 x 85.3 (10.5 x 7.7 x 3.4)	240 x 196 x 85.3 (9.4 x 7.7 x 3.4)
		Fin Pitch mm (in.)	3.8 (0.15)	3.4 (0.13)
	Compressor	Type	10PA15C	←
	Refrigerant	Type	HFC134a (R134a)	←

*: Models with Heavy Duty Heater