

DENSO

LD8i

Global Leader in Advanced Technology

LD8i Bus Air-Conditioning Pod

LATEST TECHNOLOGY AND DESIGN

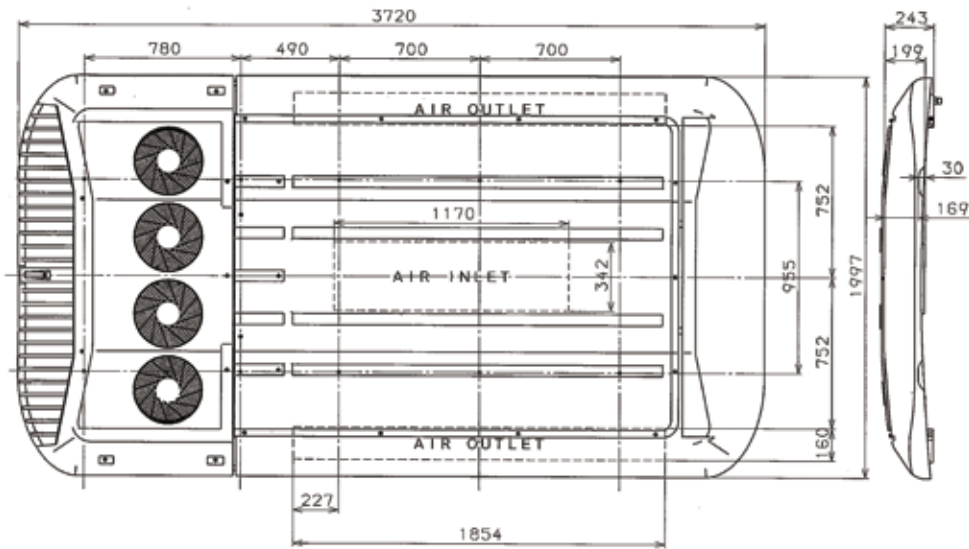
- ✓ HIGH PERFORMANCE
- ✓ WIDE, SLIM DESIGN
- ✓ ENVIRONMENTALLY FRIENDLY



DENSO's new LD8i air-conditioning pod provides the latest technology and reliability, all encased within a brand new slim line, environmentally friendly design. Combined with DENSO's comprehensive warranty and service, the LD8i is sure to take the market by storm.

DENSO is the global leader in bus and coach air-conditioning with a market share of over 25%. More than two million DENSO bus air-conditioners have been sold worldwide, with DENSO the most experienced and reliable supplier on Australian soil.

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The New LD8i Direct Drive System Compact Package

HIGH PERFORMANCE

- High cooling performance and air flow volume have been achieved with the introduction of a highly efficient evaporator and condenser, and lowering air flow resistance.
- This high performance standard model is more than capable of handling harsh Australian conditions.

WIDE, SLIM DESIGN

- Slim and curved design fits nicely onto the roof of the bus, creating a smooth integration of the A/C system into the bus.
- Wide design ensures smooth flow of cool air directly into the ducting inside the bus, eliminating the need for sub-ducts.

ENVIRONMENTALLY FRIENDLY

- 6% further reduction of refrigerant amount to 4.5kg. This amount is far less than any other manufacturer's indicated specification.
- Fuel saving has been achieved by increased refrigeration cycle efficiency with the new multi-flow condenser and front design for improved air intake.

Roof Unit	Max. Cooling Capacity	28kw (J.I.S)	24,000 kcal/h (J.I.S)	128,000 btu/hr (Max rated)
	Max. Air Flow	6,600 m ³ /h (Free Blow)		
	Weight	180kg		
	Size	L 3720mm x W 2000mm		
	Electric power consumption	68 amp (at 24 V DC)		
Heating Capacity		40kw, Hot water heating Rated: At 20 litres/minute coolant flow rate and 38°C temperature difference between coolant and air inlet		
Compressor	Model	6C500		
	Displacement	495cc		
	Compressor Oil Type	ND-Oil 8		
Condenser	Type	All aluminium multi-flow type		
Condenser Fan and Motor	Fan	Sirocco fan type		
	Motor	Ferrite motor (DENSO 112F)		
	No. of units	4 pcs		
	Power consumption	560 watt (140w x 4)		
Evaporator	Type	Copper tube and aluminium fin type		
Evaporator Fan and Motor	Fan	Sirocco fan type		
	Motor	Ferrite motor (DENSO T70F)		
	No. of units	8 pieces		
	Power consumption	1120 watt (140w x 8)		
Expansion Valve	Type	External equalizer type		
Dryer	Contents	Zeolite (cartridge type)		
Receiver Tank	Type	Horizontal		
Piping		Refrigerant rubber hoses and copper pipes		
Refrigerant	Type	R134a		
	Amount (Approx)	4.5kg (one cycle)		

Technical and Back-up Service

DENSO global network assures full support on warranty service, installation and maintenance.

Specs and sizes are subject to change without notice. The figures in the above table are for reference only. Specs herein refer to those as of September 2006.

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