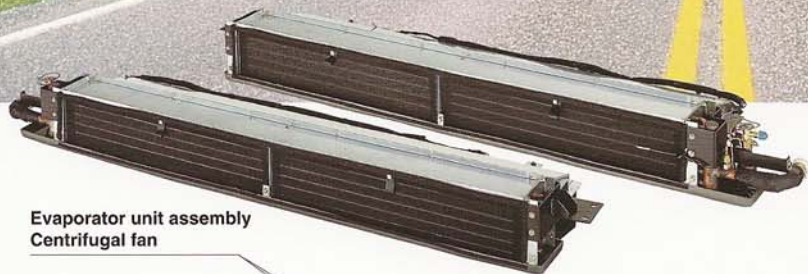
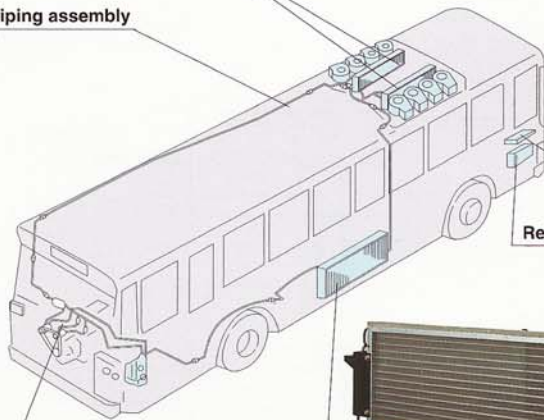


MITSUBISHI MAIN ENGINE-DRIVEN AIR CONDITIONER FOR LARGE BUSES



Evaporator unit assembly
Centrifugal fan

Piping assembly



Remote control
assembly

Relay box assembly



Condenser unit assembly
Fan equipment assembly

Compressor and clutch assembly

This compressor has the highest efficiency and the load to engine is minimal. And the 2 compressor system minimizes the fuel economy. Because after the cabin temperature cools down, this system do only 1 compressor operating automatically.



BM785

HFC134a is used as a refrigerant to protect the environment.

MSC200 (MITSUBISHI Scroll Compressor) system minimizes the total unit weight and current power, so the load to the engine is lighter than in any other units. The condenser unit is an under floor type making it easy to install and maintain. The fan noise is less than in any other units.

The duct in evaporators make it possible to minimize the installation space and passengers can have comfortable time in the car.

Safety devices such as high and low pressure switch, and discharge temperature thermostat have been already installed to the schematic diagram, so the operator can use this unit safely.



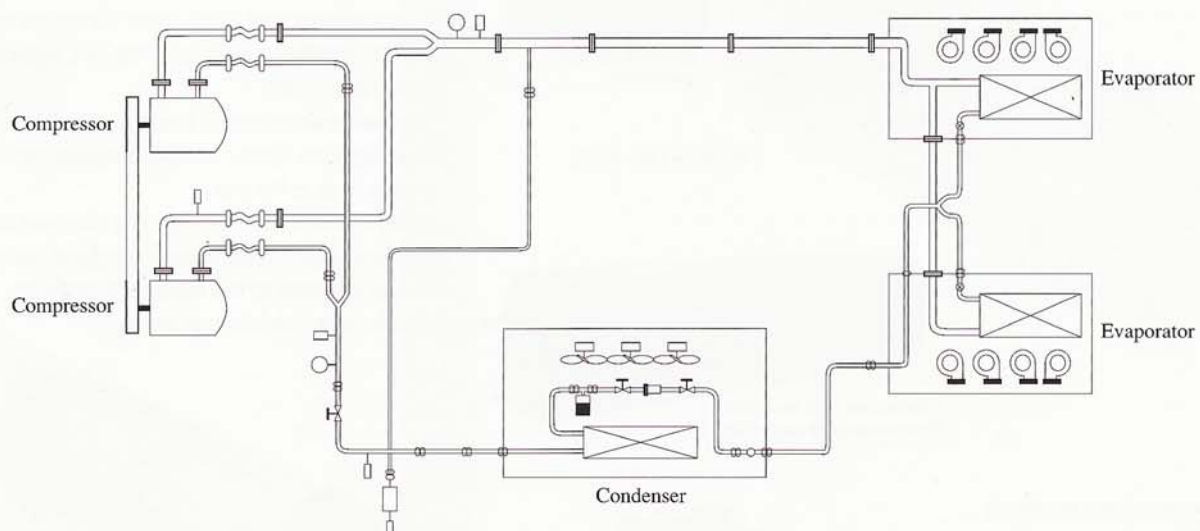
Specifications

Item		Specification	
Cooling capacity*	W	24,400	
	Kcal/h	21,000	
Refrigerant & charge quantity		kg	
Compressor	Model	Mitsubishi MSC200 × 2	
	Method	Scroll Type	
	Displacement	cc/rev	201
	Electromagnetic Clutch	W	42 (Pulley outer diameter: ϕ 159, V belt A type × 3
	Number in Use		2
Condenser	Coil type	Air cooled aluminum fin & copper tube (alum. fin)	
	Blower type	Motor directly-coupled type axial blower	
Evaporator	Coil type	Air cooled aluminum fin & copper tube	
	Blower type	Motor directly-coupled type multi-vane blower	
	Air flow capacity	m ³ /h	Hi: 1,500±100 Me: 1,200±100 Lo: 900±100
	Expansion valve		Automatic thermal control external equalizer tube type 2.4RT×1
	Number in use		2
Security Device		High pressure switch	
		Low pressure switch	
		Fusible control	
Control Device		Capacity plug	
Power Supply	V	DC24	
Current Consumption	A	60	
Total Weight	kg	151.5 (Excl. pipes, tubes & compressor bracket)	

* Cooling capacity is measured at following conditions:

Outside : 35°C DB/24°C WB

Inside : 27°C DB/19.5°C WB



Because of our policy of continuous improvement, we reserve right to make changes in all specifications without notice.
 ISO9001 Our Air Conditioning & Refrigeration Machinery Works is an ISO9001 approved factory
 for residential air conditioners and commercial-use air conditioners(including heat pumps).

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