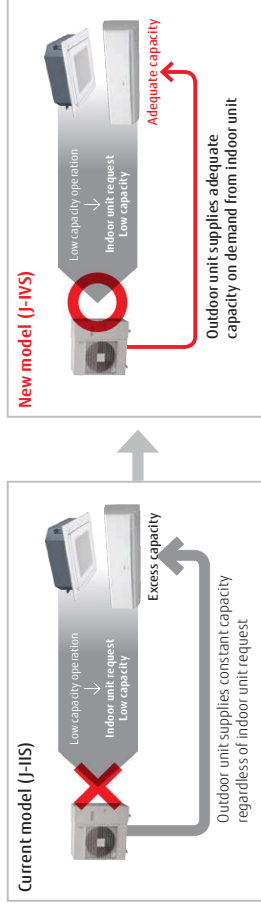


Heat Pump for Small Capacity Type

AIRSTAGE™ J-IVS

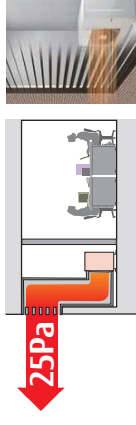
New intelligent refrigerant control

Fujitsu general proposes New outdoor unit which includes New refrigerant control. New refrigerant control can be operated with suitable control corresponding to heat load of the room and can offer a more comfortable space. New refrigerant control can also provide more energy savings.

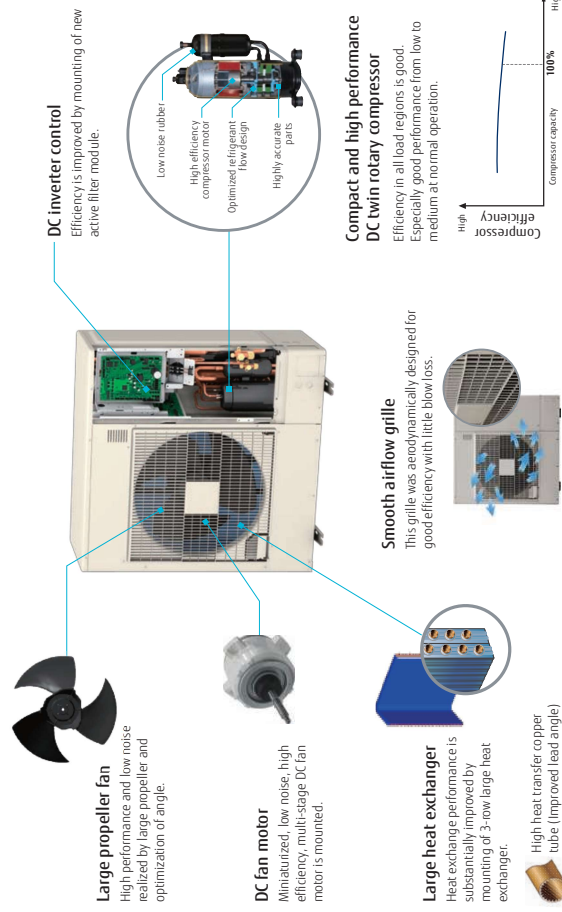


High Static Pressure

External static pressure is available up to 25Pa for 4/5/6HP.

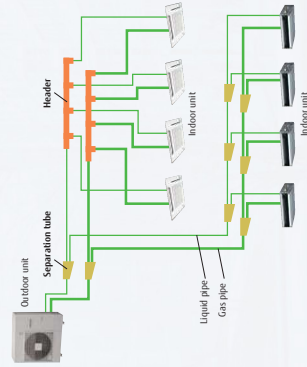


Advanced high efficiency technology



System configuration example

- This system is used for small and medium-sized buildings. 1 refrigerant system is used for each outdoor unit.
- Connection of multiple indoor units using separation tubes and headers.



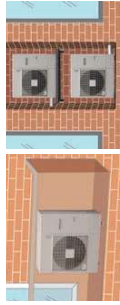
4,5 6HP: AJY040CLLBH / AJY045CLLBH / AJY054CLLBH

It Can be Easily Carried and Installed



Small and light weight outdoor unit

This model is much more compact than conventional 6HP comparable outdoor units. Even when installed on the balcony it fits within the height of the fence. The compact size with a height of less than 1 m allows it to be installed under windows and in tight spaces

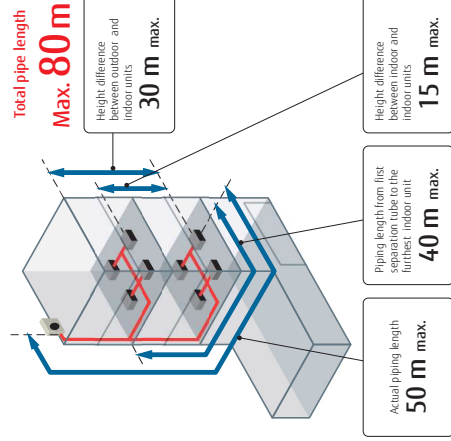


Low sound level design

Significantly low sound level is improved by using DC twin rotary compressor, inverter technology, and advanced airflow structure design.

Long piping length

Our advanced refrigerant control technology allows us to achieve a total refrigerant piping length of 80 m. This opens up possibilities in system design.



Up to 13 units* can be connected

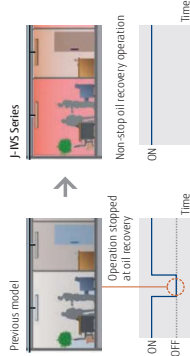
The combination of the smallest but adequate capacity indoor unit and a new outdoor unit with the optimum heat exchanger structure has realized the industry's top class connection of 13 units.

* 6 HP model

Model	Current model (J-IVS)			New model (J-IVS)		
Rating Capacity range (HP)	4	5	6	4	5	6
Max. Connectable indoor unit	1-7	1-8	1-8	1-11	1-12	1-13

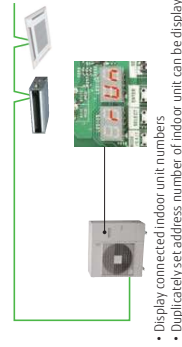
Non-stop oil recovery operation

A comfortable room condition is maintained during oil recovery mode because the product continues to operate without stopping the cooling or heating operation.



Easier Installation

Connection check function - Possible to confirm whether wiring connection and address setting are correct by a quick check run function.



Specifications

Rating Capacity range		HP	4	5	6
Model name	Maximum Connectable Indoor Unit				
Power source		Single phase, ~230V, 50Hz			
Capacity	Cooling	12.1		14.0	15.1
	Nominal Heating	12.1		14.0	15.1
	Max. Heating	13.6		16.0	16.5
Input power	Cooling	3.44		4.43	5.03
	Nominal Heating	2.55		3.11	3.52
	Max. Heating	3.27		3.93	4.11
EER	Cooling	3.52		3.16	3.00
	Nominal Heating	4.74		4.51	4.30
	Max. Heating	4.16		4.07	4.01
Airflow rate	Cooling	4,040		4,200	4,200
	Nominal Heating	51.67		53.69	54.70
	Power level	54.68		56.70	56.70
Heat exchanger fin	Blue fin	998		998	998
	Height	970		970	970
	Width	370		370	370
Net Dimensions	Depth	86		86	87
	Weight	R410A (2.088)		R410A (2.088)	R410A (2.088)
	Refrigerant	Charge	4.0 (6.4)	4.0 (6.4)	4.0 (6.4)
Connection pipe diameter	Liquid	9.52		9.52	9.52
	Gas	15.88		15.88	15.88
	Total pipe length	80		80	80
Max. height difference	m	30		30	30
	Cooling	-5 to 46		-5 to 46	-5 to 46
	Heating	-20 to 21		-20 to 21	-20 to 21
Operation range	°C	-20 to 21		-20 to 21	-20 to 21

Note: Specifications are based on the following conditions
Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB
Heating: Indoor temperature of 20°CDB / 15°CWB, and outdoor temperature of 7°CDB / 6°CWB
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.
The protective function may work when using it outside the operation range.

Dimensions

(Unit: mm)

