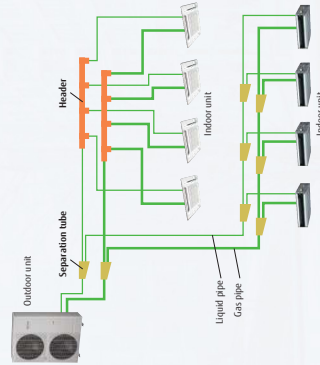


Heat Pump for Small Capacity Type

AIRSTAGE™ J-IV

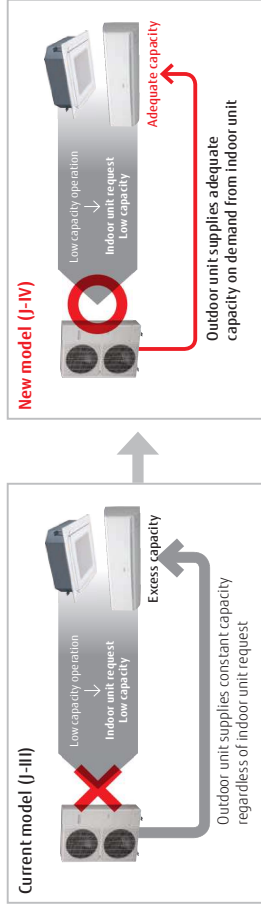
System configuration example

- 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.



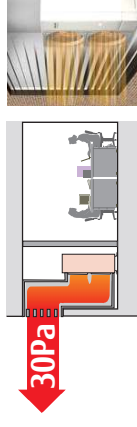
New intelligent refrigerant control

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.

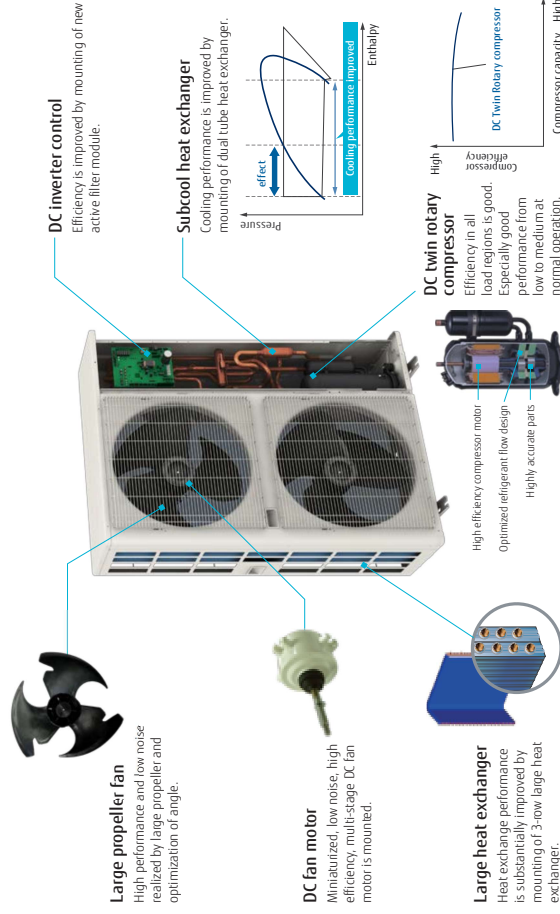


High Static Pressure

External static pressure is available up to 30Pa for 4/5/6HP.



Advanced high efficiency technology



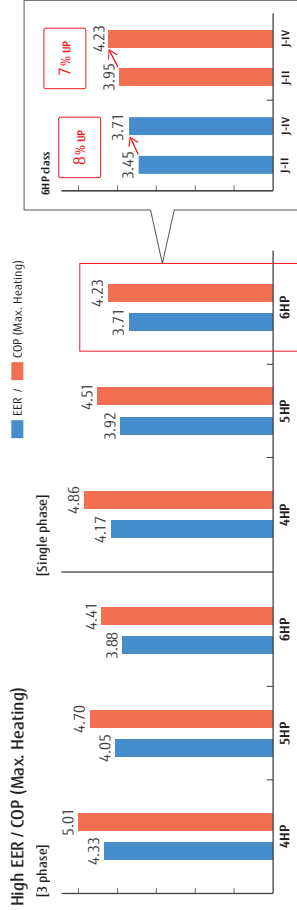
4.5.6HP: AJY040LBLEBH / AJY045LBLEBH / AJY054LBLEBH
AJY040LELBH [3 phase] / AJY045LELBH [3 phase] / AJY054LELBH [3 phase]

NEW



Efficiency in actual operation

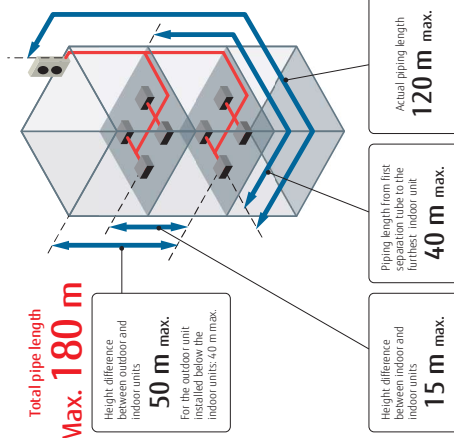
Top class high COP (Max. Heating) is achieved for all models by large heat exchanger, high efficient DC twin compressor, and our own technologies.



Long piping length

Our advanced refrigerant control technology allows us to achieve a total refrigerant piping length of 180 m. This opens up new possibilities in system design.

**Total pipe length
Max. 180 m**



Up to 14 units* can be connected

Up to 14 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 14 units.

*: 6 HP model

Model	Current model (J-II/III)			New model (J-IV)		
Rating Capacity range (HP)	4	5	6	4	5	6
Max. Connectable indoor unit	1-9	1-10	1-13	1-11	1-12	1-14

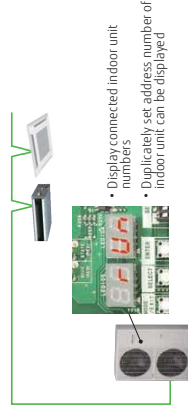
Non-stop oil recovery operation

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	AJY045LELBH		AJY045LELBH		AJY045LELBH		AJY054LELBH	
Maximum Connectable Indoor Unit	1+11		1+11		1+12		1+14	
Power source	Single phase, ~230V, 50Hz							
Capacity	Cooling	kW	12.1	14.0	14.0	15.5	15.5	15.5
	Nominal Heating	kW	12.1	14.0	14.0	15.5	15.5	15.5
	Max Heating	kW	13.6	16.0	16.0	18.0	18.0	18.0
Input power	Cooling	kW	2.90	3.57	3.57	4.18	4.18	4.18
	Nominal Heating	kW	2.39	2.97	2.97	3.50	3.50	3.50
	Max Heating	kW	2.80	3.55	3.55	4.26	4.26	4.26
EER	Cooling		4.17	3.92	3.92	3.71	3.71	3.88
	Nominal Heating		5.06	4.71	4.71	4.63	4.63	4.61
	Max Heating		4.86	4.51	4.51	4.23	4.23	4.41
Airflow rate	Cooling	m ³ /h	6,200	6,400	6,400	6,900	6,900	6,900
	Nominal Heating		507/65	517/65	517/65	537/66	537/66	537/66
	Max Heating		527/67	557/69	557/69	567/69	567/69	567/69
Sound pressure level / Power level	Cooling	dB(A)	Blue line	Blue line	Blue line	Blue line	Blue line	Blue line
	Nominal Heating		Blue line	Blue line	Blue line	Blue line	Blue line	Blue line
	Max Heating		Blue line	Blue line	Blue line	Blue line	Blue line	Blue line
Heat exchanger fin	Height	mm	1,334	1,334	1,334	1,334	1,334	1,334
	Width	mm	970	970	970	970	970	970
	Depth	mm	370	370	370	370	370	370
Net Dimensions	Height	kg	117	117	117	119	119	119
	Width		117	117	117	119	119	119
	Depth		370	370	370	370	370	370
Weight	Type (Gas/Heating/Phase)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Refrigerant	Charge	4.8 (10.0)	5.3 (11.1)	5.3 (11.1)	5.3 (11.1)	5.3 (11.1)	5.3 (11.1)
	Connection pipe diameter	mm	9.52	9.52	9.52	9.52	9.52	9.52
Total pipe length	Liquid	mm	15.88	15.88	15.88	15.88	15.88	15.88
	Gas		180	180	180	180	180	180
	Max. height difference	m	50/40 (Outdoor unit: Upper/Lower)	50/40 (Outdoor unit: Upper/Lower)	50/40 (Outdoor unit: Upper/Lower)	50/40 (Outdoor unit: Upper/Lower)	50/40 (Outdoor unit: Upper/Lower)	50/40 (Outdoor unit: Upper/Lower)
Operation range	Cooling	°C	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46
	Heating		-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21
	Operation range		-20 to 21	-20 to 21	-20 to 21	-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 inside the operation range.

Dimensions

(Unit: mm)

