

#### AIR CONDITIONING

### **VRF Outdoor Units**

#### 4,5,6HP: AJY040LCLAH / AJY045LCLAH / AJY054LCLAH

## System outline

#### Space saving and low sound level design

Economical individual air conditioning is realized by ALL-DC technology, large capacity DC twin rotary compressor, and 3-row heat exchanger though the size is compact.room comfortable quickly.

# Flexible systems for homes, shops, small-size buildingss air conditioning

Due to compact size design and flexible piping design, J-IIS series can be installed easily at the place where the installation space is limited such as homes, shops, and small offices. Multiple indoor units of various capacities and types can be connected.



## Airstage J-IIS Range



## 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



## Advanced high efficiency technology

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.





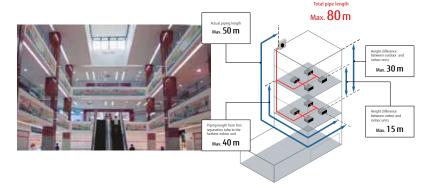


87 kg ▲ 26%



## Long piping length

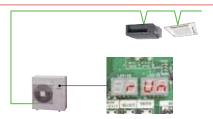
Our advanced refrigerant control technology allows us to achieve a total refrigerant piping length of 80 m. This opens up new possibilities in system design.





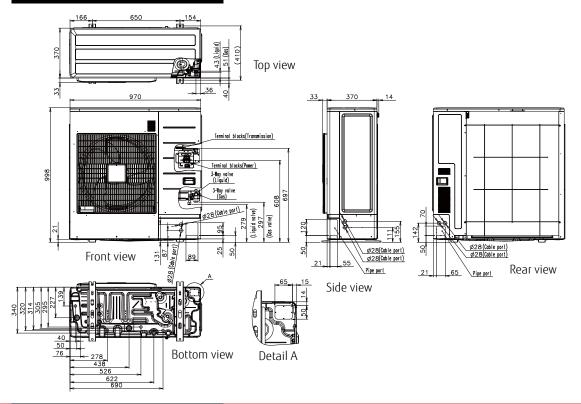
#### **Easier installation**

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



- Display connected indoor unit numbers
- Duplicately set address number of indoor unit can be displayed

Dimensions (Unit:mm)



Specifications (TENTATIVE)

Rating capacity range	Н	Р	4	5	6
Model name			AJY040LCLAH	AJY045LCLAH	AJY054LCLAH
Maximum connectable indoor unit			7	8	8
Power source	V/Ø/	Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling		12.1	14.0	15.1
	Heating		13.6	16.0	16.5
Input power	Cooling	kW	3.44	4.43	5.32
	Heating		3.09	3.93	4.26
EER	Cooling	W/W	3.52	3.16	2.84
COP	Heating		4.40	4.07	3.87
Airflow rate m³/h		4,040	4,200	4,200	
Sound Pressure	Cooling	dB	51 / 67	53 / 69	54 / 70
Power level	Heating	(A)	54 / 68	55 / 69	56 / 70
Min Recc MCB AMP		32	32	32	
Dimensions	Height	mm	998	998	998
	Width	mm	970	970	970
	Depth	mm	370	370	370
Weight	kg		86	86	87
Refrigerant charge	kg		4.0	4.0	4.0
Connection Pipe diameter	Liquid	mm	3/8	3/8	3/8
	Gas	111111	5/8	5/8	5/8
Total pipe length		80	80	80	
Max. Height difference		m	30	30	30
Operation	Cooling		-5 to 46	-5 to 46	-5 to 46
Range	Heating		-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.

#### Note

Cooling/heating capacities are based on the following conditions.

Cooling Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C

- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
   Sound power test is in accordance with EN12102
- Sound power test is in accordance with EN12102









 $\bullet \textbf{Specifications} \ \textbf{and} \ \textbf{design} \ \textbf{are} \ \textbf{subject} \ \textbf{to} \ \textbf{change} \ \textbf{without} \ \textbf{notice} \ \textbf{for} \ \textbf{further} \ \textbf{improvement}.$ 

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