

AIRSTAGE™ J-III L

NEW

14/16 HP models & 8/10/12 HP models



Fujitsu General provides perfect total air conditioning systems that take into account energy saving, low noise, comfortable airflow, small room application and centralized control for small-sized office buildings with many small rooms.

Image: 8/10/12 HP models

Slim & Compact Design

NEW
AIRSTAGE J-III L
14/16 HP model

Current model AIRSTAGE™ V-Series outdoor unit 14/16 HP model
765 mm
480 mm

Depth difference **-285 mm**
J-III L all models
Compared with current all models

Space area **-45%!**
Compared with current 14/16 HP model

Height difference **-262 mm**
Compared with current 8 HP model

AIRSTAGE J-III L
8/10/12 HP model

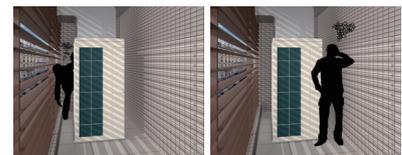
Current model AIRSTAGE™ V-Series outdoor unit 8/10 HP model
1,690 mm
1,428 mm

Space area **-26%!**
Compared with current 8/10 HP model

Inhouse installation



AIRSTAGE™ J-Series outdoor unit



AIRSTAGE™ V-Series outdoor unit

Low noise in consideration for the nearby residents

This model is front blow type and about 1000 mm wide, so flexible installation is possible even at narrow inhouse space.

Installation at building back side



AIRSTAGE™ J-Series outdoor unit

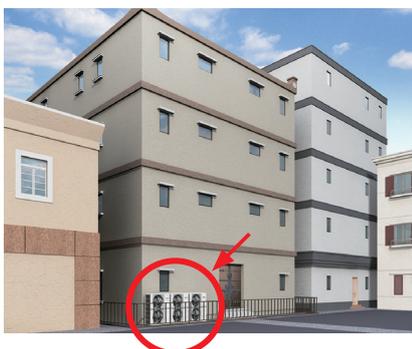


AIRSTAGE™ V-Series outdoor unit

Space saving

Due to compact and thin model, direct ground installation or wall mounted installation is possible even at narrow off-street.

Installation at back street of building



AIRSTAGE™ J-Series outdoor unit



AIRSTAGE™ V-Series outdoor unit

Flexible installation

This model is front blow type and slim & low body, so installation space is compact. Building windows are not blocked and space saving multiple units installation is possible.

NEW

Heat Pump for Small Capacity Type

AIRSTAGE J-III L

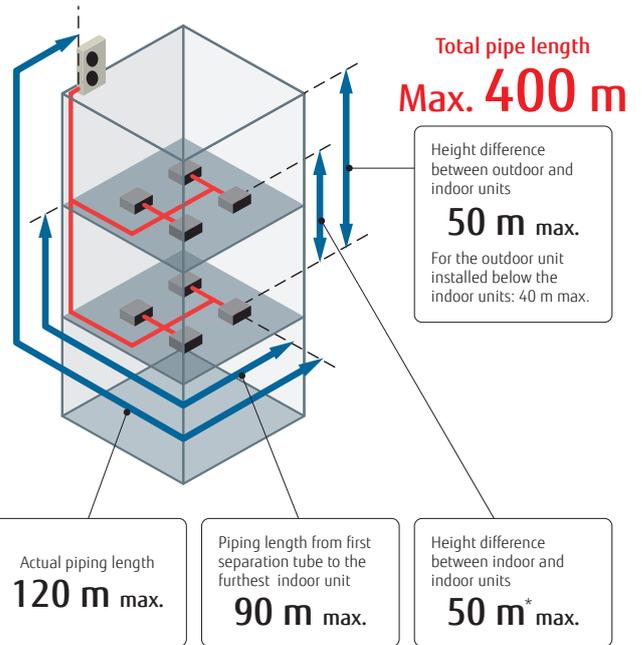


Long Piping Length

Our advanced refrigerant control technology allows us to achieve a total refrigerant piping length of 400 m. This opens up new possibilities in system design.

Up to 40 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 40 units. *: 16 HP models. 8, 10, 12, 14 HP models are 30 units.



*: Only when new indoor units and J-III L series are combined

High Static Pressure

External static pressure is available up to 60Pa for 14/16HP. (20Pa for 8/10HP, 30Pa for 12HP)

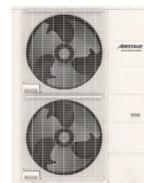


Top Class Low Operating Sound

Top class low operating sound is realized. Highly suited to densely populated areas thanks to their low operating sound.

Sound Power Level

66 dB(A)



J-III L (8HP)

77 dB(A)

-11 dB(A)



Current model (8HP)

8,10,12HP: AJY072LELAH / AJY090LELAH / AJY108LELAH
 14,16HP: AJY126LELAH / AJY144LELAH



Specifications

			Tentative				
Rating Capacity range	HP		8	10	12	14	16
Model name			AJY072LELAH	AJY090LELAH	AJY108LELAH	AJY126LELAH	AJY144LELAH
Maximum Connectable Indoor Unit			1-20	1-25	1-30	1-36	1-40
Power source			3 phase, ~400V, 50Hz				
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0
	Nominal Heating		22.4	28.0	33.5	40.0	45.0
	Max Heating		25.0	31.5	37.5	45.0	50.0
Input power	Cooling	kW	6.30	8.59	10.42	12.12	14.96
	Nominal Heating		4.65	6.61	8.18	9.71	11.81
	Max Heating		5.45	8.29	10.25	11.82	14.29
EER	Cooling		3.56	3.26	3.22	3.30	3.01
COP	Nominal Heating	W/W	4.82	4.24	4.10	4.12	3.81
	Max Heating		4.56	3.80	3.66	3.81	3.50
Airflow rate		m ³ /h	8,400	9,000	11,000	13,000	14,000
Sound pressure level / Power level	Cooling	dB(A)	52/66	54/69	59/73	62/75	64/77
	Heating		54/-	57/-	61/-	63/-	65/-
Net Dimensions	Height	mm	1,428	1,428	1,428	1,638	1,638
	Width		1,080	1,080	1,080	1,080	1,080
	Depth		480	480	480	480	480
Weight		kg	170	177	178	210	210
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO ₂ eq-T)	7.0 (14.6)	7.5 (15.7)	7.5 (15.7)	11.0 (22.9)	11.0 (22.9)
Connection pipe diameter	Liquid	mm	9.52	9.52	12.70	12.70	12.70
	Gas		19.05	22.20	28.58	28.58	28.58
Total pipe length		m	400	400	400	400	400
Max. height difference			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*
	Heating		-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.

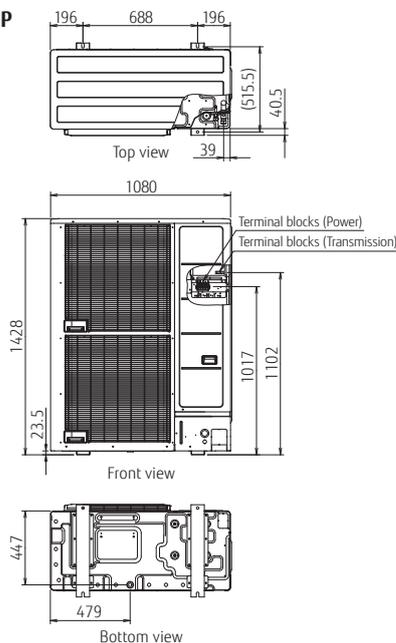
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.

* The cooling operation range of -15 to 46°C is allowed only when all of the indoor units connected to the system are higher than capacity of 5.6kW.

Dimensions

(Unit : mm)

8, 10, 12 HP



14, 16 HP

