

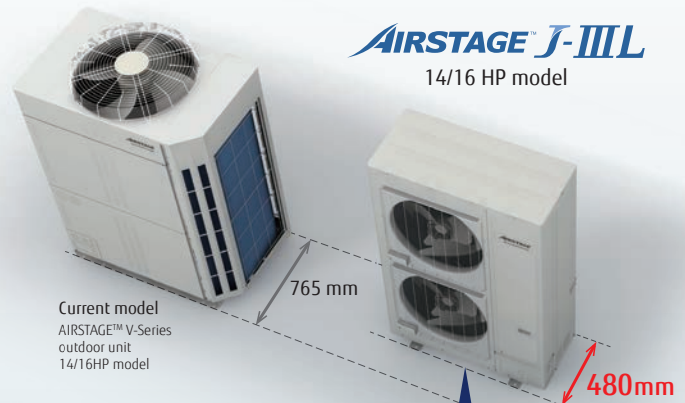
AIRSTAGE™ J-III L series - Range Extension

AJY126LELAH - 40kW

AJY144LELAH - 45kW



AIRSTAGE™ J-III L
14/16 HP model



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

Depth difference

-285mm

J-III L all models
Compared with current V-III models

Space area

-45%!

Compared with
current 14/16HP model

23% Weight Reduction



Slim & Compact Design

Point

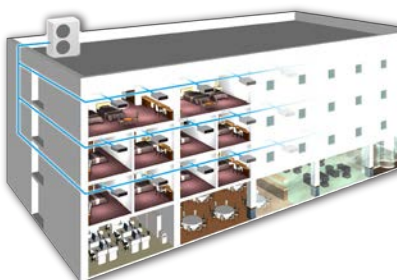
This model is front blow type and slim & low body, so installation space is compact. Building windows are not blocked and space saving multiple units installation is possible.

Small Room Application

Point

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. (*16HP models, 14HP models = 36 units.)



Connectable
Indoor unit
Max. **40** units

Top class low operating sound

Point

Large propeller fan and large scroll compressor realize low noise. Units can be installed in various places without special soundproofing work.

Ø570mm



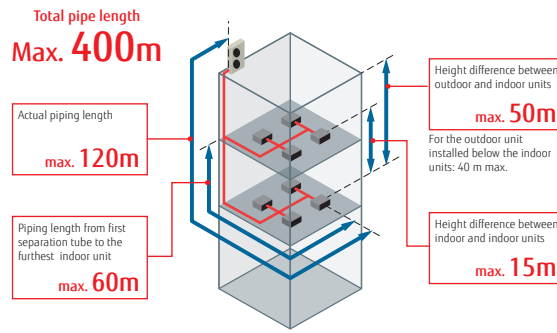
15-120rps



Installation Flexibility

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.



High Static Pressure

External static pressure is available up to 60Pa.



Specifications

Rating Capacity range		HP	14	16
Model name			AJY126LELAH	AJY144LELAH
Maximum connectable indoor unit			1 - 36	1 - 40
Power source		Ø/V/Hz	3 Phase ~ 400V, 50Hz	
Capacity	Cooling	kW	40.0	45.0
	Nominal Heating		40.0	45.0
	Max Heating		45.0	50.0
Input power	Cooling	kW	12.12	14.96
	Max Heating		11.82	14.29
EER / SEER (LOT21)	Cooling	W/W	3.30 / 6.33	3.01 / 6.16
COP / SCOP (LOT21)	Max Heating	W/W	3.81 / 3.52	3.50 / 3.51
Airflow rate		m ³ /h	13,000	14,000
Sound power level	Cooling	dB(A)	75	77
	Heating		62	64
Sound pressure Level	Cooling	dB(A)	63	65
	Heating		63	65
Dimensions (H*W*D)		mm	1,638 × 1,080 × 480	1,638 × 1,080 × 480
Weight		kg	211	211
Static Pressure		Pa	60	60
Refrigerant	Type		R410A	R410A
	Charge	kg	11	11
Connection pipe diameter	Liquid	Inch	1/2	1/2
	Gas		1 - 1/8	1 - 1/8
Total pipe length		m	400	400
Max. height difference			50 / 40 (Outdoor unit : Upper / Lower)	
Operation temperature range	Cooling	°CDB	-5 to 46*	-5 to 46*
	Heating		-20 to 21	-20 to 21

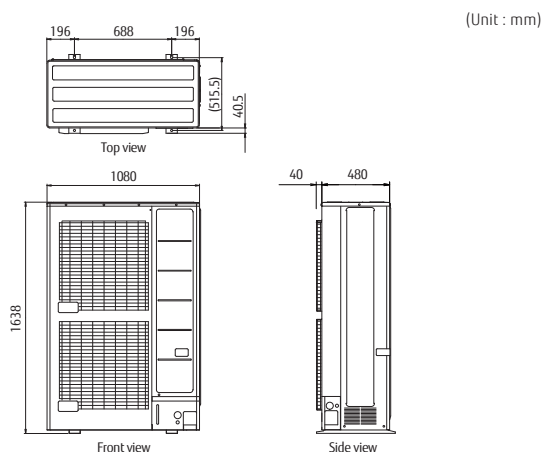
Note : Specifications are based on the following conditions.
 Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.
 Heating : Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.
 Pipe length : 7.5 m; Height difference between outdoor unit and indoor unit : 0 m.

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

Dimensions

Models:

AJY126LELAH
AJY144LELAH



Various indoor units and controllers



Connectable indoor unit
15 types 82 models
 capacity range 1.1kW to 14.0kW



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FUJITSU GENERAL AIR CONDITIONING (UK) LTD
 Unit 150 Centennial Park, Centennial Avenue, Elstree, Herts. WD6 3SG
www.fujitsu-general.com/uk
 Tel: +44 (0)208 731 3450 Fax: +44 (0)208 731 3451
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