

Light Commercial & Commercial, Residential

VRF

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VRF Outdoor Units



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VRF Indoor Units

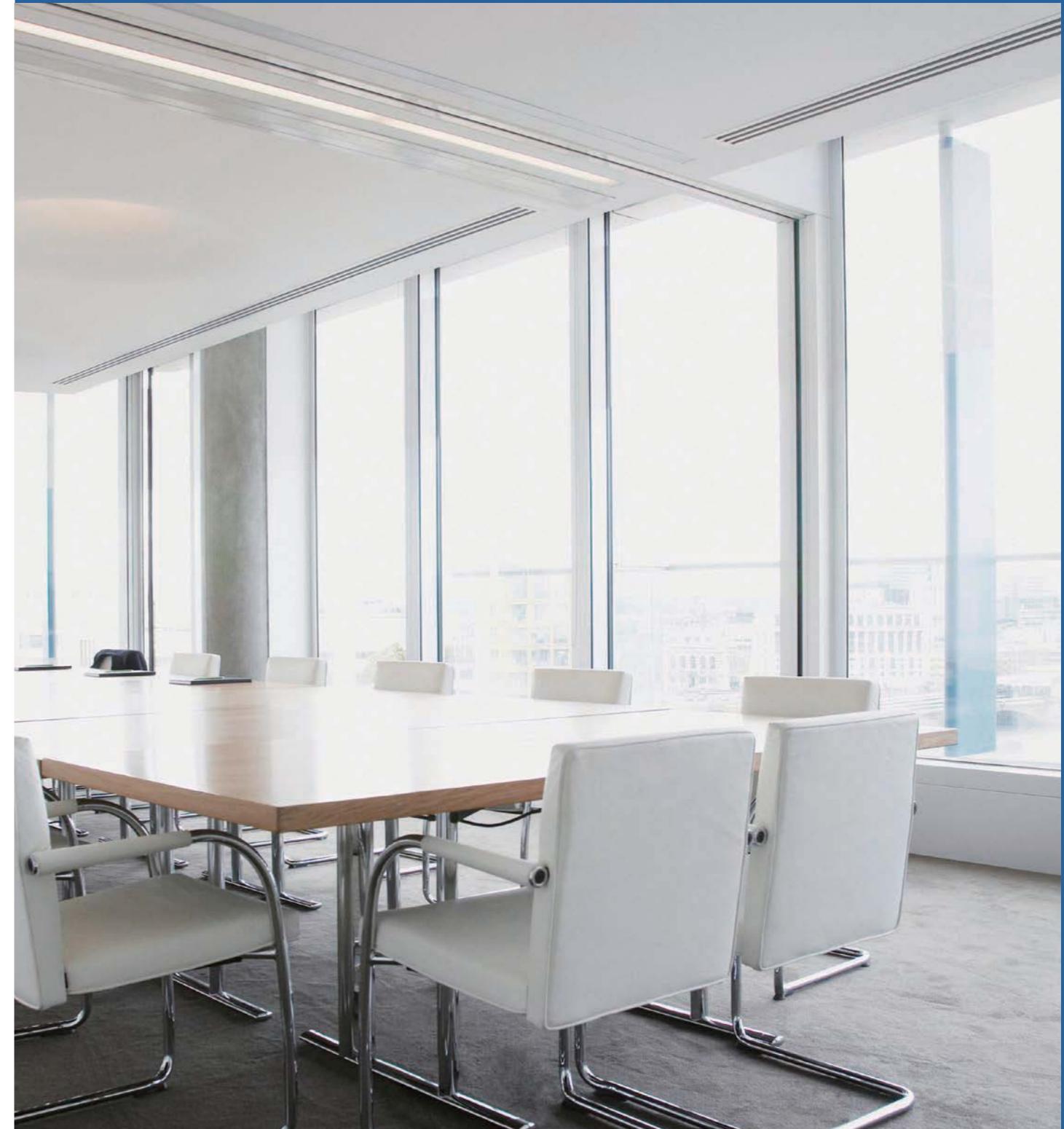
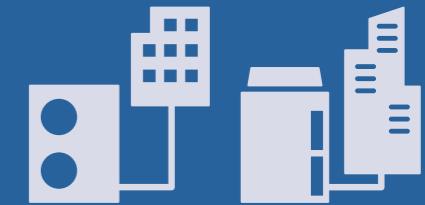
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FUJITSU GENERAL (Euro) GmbH participates in the ECP programme for AIR CONDITIONERS.
Check ongoing validity of certificate:
www.eurovent-certification.com
* Models so marked are not ECC certified.

AIRSTAGE™ VRF Systems can be designed to create an air conditioning solution to suit most buildings requirements.

AIRSTAGE™ VRF Systems can be designed to effectively provide an air conditioning solution from a large domestic residence through to a large scale commercial building.



AIRSTAGE™ J-Series Overview

Fujitsu General provides air conditioning systems for a wide range of applications from small office buildings and hotels to large stores, houses.



Max. 18 HP Heat Pump

AIRSTAGE™ J-III L

J-III L is an outdoor unit with a slim design offering a high degree of freedom of installation that is recommended for mid-size office buildings and hotels. Furthermore, you can connect up to 42* indoor units with newly added 14/16/18 HP model. 14/16/18 HP model is also ideal for hospitals and educational facilities with many rooms.

*: 18 HP model

Slim Outdoor Unit

Although this is a 14/16/18 HP model that can handle slightly larger properties, it has a slim depth of 480 mm. This model can be introduced and installed even in limited spaces.

Small room application

Up to 30-42 indoor units can be connected by the optimum heat exchanger structure. Available to various small rooms.

Top Class Low Operating Sound

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



8-12 HP models



New 18 HP model & 14/16 models

Max. 6 HP Heat Pump

AIRSTAGE™ J-III

J-III improves the system with up to 13 indoor units. This model is suitable for small buildings that bring together small stores.

High Energy Efficiency

Heat pump inverter control is used to achieve an efficient cooling and heating operation in any indoor unit combination.

Flexible systems for small- and medium-size buildings air conditioning

Space saving design and long piping design allow flexible installations on the roofs or balconies of small and medium-size buildings. Multiple indoor units of various capacities and types can be connected.



Max. 6 HP Heat Pump, Compact Design

AIRSTAGE™ J-II S

J-II S has a compact design with a height of 998 mm that does not obstruct visibility even when installed near waist-high windows. This model is also ideal for large houses, retail stores and other properties.

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.

Flexible systems for homes, shops, small-size buildings air conditioning

Due to compact size design and flexible piping design, J-II S 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™ V-Series Overview

AIRSTAGE™ V-Series Systems can be designed to effectively provide an air conditioning solution from a large domestic residence through to a large scale commercial building.



Max. 48 HP Heat Recovery AIRSTAGE™ VR-II

Smart and cutting-edge design.
Extensive lineup from 8 HP to 48 HP in 2 HP increment.
Connectable indoor unit capacity ratio up to 150%

Simultaneous cooling and heating operation using 1 refrigerant system

Cooling and heating can be freely selected for each indoor unit to provide simultaneous cooling and heating in rooms with large temperature differences.

Annual cooling operation

Use annual cooling operation for the rooms and other spaces that require constant temperature control throughout the year.

Handles changes in the temperature difference

The operation mode can be freely changed when there are large temperature differences during the day, such as between seasons.

Max. 54 HP Heat Pump AIRSTAGE™ V-III

Smart and cutting-edge design.
Extensive lineup from 8 HP to 54 HP in 2 HP increment.
Connectable indoor unit capacity ratio up to 150%

Excellent energy saving

Heat pump inverter type realizes the highly energy saving air conditioning for individual cooling and heating operation by all inverter technology for seasonal efficiency.

High design flexibility for various building air conditioning

High design flexibly meets the various needs of high-rise building air conditioning such as outdoor unit roof top concentrated installation and each floor installation by large capacity combination, sufficient connection capacity, and high static pressure design.

Easy installation and maintenance

The flexible communication method and piping connections make installation and maintenance easy even for large systems.



Max. 54 HP Heat Pump AIRSTAGE™ V-III

Fujitsu General tropical VRF is designed for tropical weather. Extensive lineup from 8 HP to 54 HP in 2 HP increment. Connectable indoor unit capacity ratio up to 130%

High ambient operation design

Possible to operate cooling up to 52°C outdoor temperature

Powerful cooling capacity design

Keeping high cooling power at even high ambient temperature

Anti-corrosion treatment design

All metallic and PCB components are protected against corrosion



Energy saving technology that boosted operation efficiency



1 Powerful large propeller fan

By using CFD*1 technology, a newly designed fan achieves high performance and low noise operation.

*1. CFD = Computational Fluid Dynamics



2 3 phase DC fan motor

Efficiency is substantially improved by high efficient motor with sophisticated driver control. In addition, low noise is realized by DC fan motor.



3 Sine-wave DC inverter control

High efficiency is realized by adoption of reduced switching loss IPM.



4 4-face heat exchanger

Heat exchange efficiency is significantly improved by the introduction of a new 4-face heat exchanger that increases effective surface area.



5 Subcool heat exchanger

High Heat Exchange efficiency is achieved by using an internal projection shape double pipe construction.



6 High efficient and large capacity DC inverter compressor

Large capacity high efficient DC twin rotary compressor with excellent intermediate capability.



7 Front intake port (Corner cut air inlet structure)

In multiple outdoor unit installations, the unique front intake design improves airflow into the Heat Exchanger.



VRF Outdoor Units Lineup

Capacity (kW)	12.1	14.0	15.1-15.5	22.4	28.0	33.5	40.0	45.0	50.4	55.9	61.5	67.0	73.5	78.5	85.0	90.0	95.0	100.5	107.0	112.0	118.5	123.5	130.0	135.0	140.0	145.0	150.0						
HP	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54						
J-IIIL Series																																	
J-III Series																																	
J-IIS Series																																	
VR-II Series Heat Recovery	Space Saving																																
	Set Model			AJY072 GALH	AJY090 GALH	AJY108 GALH	AJY126 GALH	AJY144 GALH	AJY162 GALH	AJY180 GALH	AJY198 GALH	AJY216 GALH	AJY234 GALH	AJY252 GALH	AJY270 GALH	AJY288 GALH	AJY306 GALH	AJY324 GALH	AJY342 GALH	AJY360 GALH	AJY378 GALH	AJY396 GALH	AJY414 GALH	AJY432 GALH									
V-III Series Heat Pump	Energy Efficiency																																
	Set Model			AJY072 LALBH	AJY090 LALBH	AJY108 LALBH	AJY126 LALBH	AJY144 LALBH	AJY162 LALBH	AJY180 LALBH	AJY198 LALBH	AJY216 LALBH	AJY234 LALBH	AJY252 LALBH	AJY270 LALBH	AJY288 LALBH	AJY306 LALBH	AJY324 LALBH	AJY342 LALBH	AJY360 LALBH	AJY378 LALBH	AJY396 LALBH	AJY414 LALBH	AJY432 LALBH	AJY450 LALBH	AJY468 LALBH	AJY486 LALBH						
V-III Tropical Series Heat Pump	Space Saving																																
	Set Model			AJY072 LNLBH	AJY090 LNLBH	AJY108 LNLBH	AJY126 LNLBH	AJY144 LNLBH	AJY162 LNLBH	AJY180 LNLBH	AJY198 LNLBH	AJY216 LNLBH	AJY234 LNLBH	AJY252 LNLBH	AJY270 LNLBH	AJY288 LNLBH	AJY306 LNLBH	AJY324 LNLBH	AJY342 LNLBH	AJY360 LNLBH	AJY378 LNLBH	AJY396 LNLBH	AJY414 LNLBH	AJY432 LNLBH	AJY450 LNLBH	AJY468 LNLBH	AJY486 LNLBH						
V-III Tropical Series Heat Pump	Energy Efficiency																																
	Set Model							AJY144 LNLBHH	AJY162 LNLBHH	AJY180 LNLBHH		AJY216 LNLBHH	AJY234 LNLBHH	AJY252 LNLBHH	AJY270 LNLBHH	AJY288 LNLBHH	AJY306 LNLBHH	AJY324 LNLBHH	AJY342 LNLBHH	AJY360 LNLBHH	AJY378 LNLBHH	AJY396 LNLBHH	AJY414 LNLBHH										

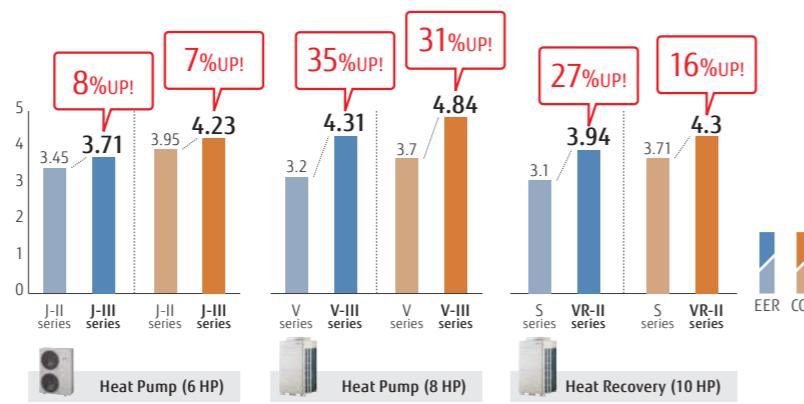
Feature

High Efficiency

Efficiency is improved significantly by using DC twin rotary compressor, inverter technology, and large heat exchanger

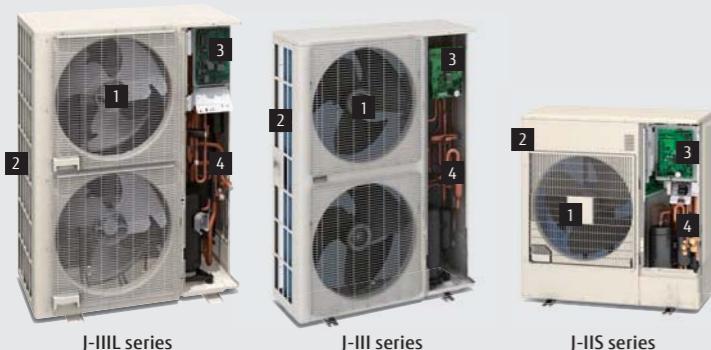


DC twin rotary compressor

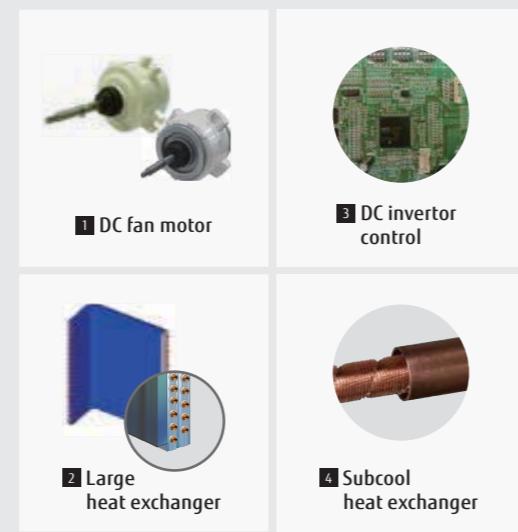


ALL DC High efficiency design with top class SEER/SCOP

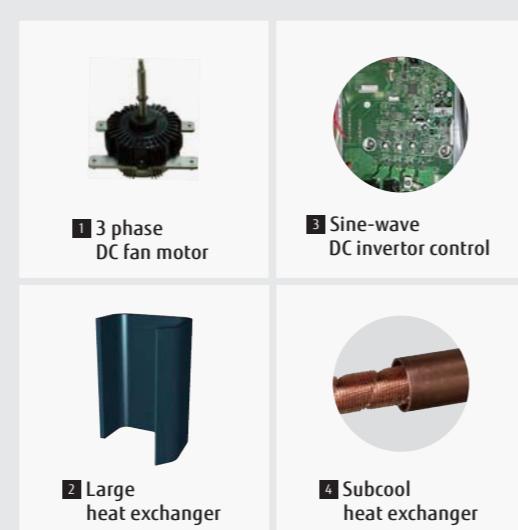
All VRF series including J-III series have DC technology to realize the high efficiency operation. This enhances the durability and reliability of VRF series.



J-III(L) series J-III series J-II(S) series



V-Series



Energy Saving Function

Economy operation

Economy operation can be set by remote controller. The temperature setting is offset automatically over a certain period of time.

Room temperature set point limitation

The minimum and maximum temperature ranges can be limited, which provide further energy saving while maintaining the comfort of the occupants.

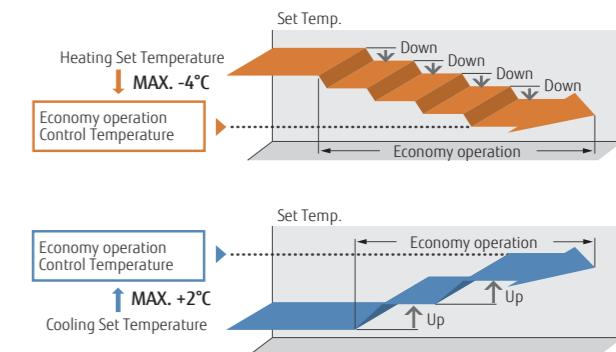
Auto-off timer

- The indoor unit automatically is turned off when it reaches to the preset operating time frame.
- The time frame of the "Auto off timer" can be flexibly scheduled.

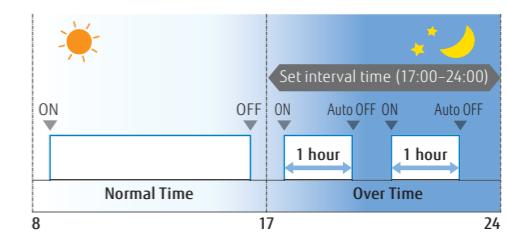
Capacity save operation

Operation capacity can be set in 5 steps for rated capability. The power consumption at peak is cut down and the maximum load is suppressed.

Room temperature set point limitation



Auto-off timer



More Comfort

Precision refrigerant flow control

Precise and smooth refrigerant flow control is achieved by using a DC Inverter control in conjunction with individual indoor unit electronic expansion valve control. This allows high precision comfortable temperature control of $\pm 0.5^{\circ}\text{C}$.

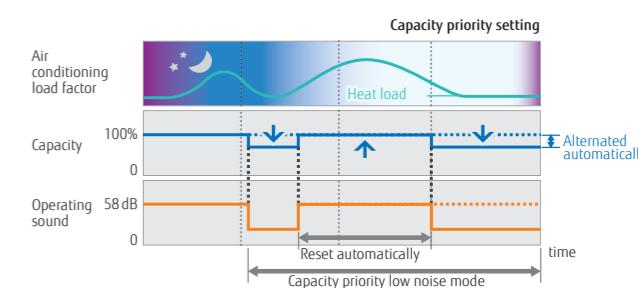
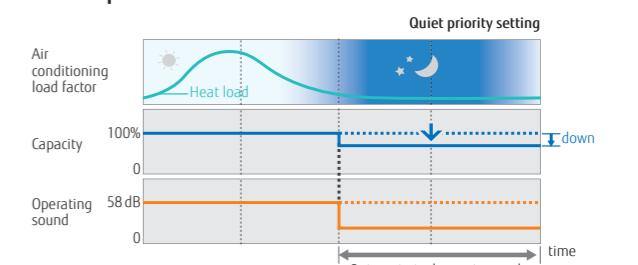
Auto changeover function

At Auto setting, the cooling/heating mode is automatically switched according to the set temperature and room temperature.

Quiet operation

Two low noise modes can be selected automatically by quiet priority setting and capacity priority setting depending on the indoor environment and outside temperature load. This feature can be controlled via outdoor unit external input and/or system controller.

Quiet operation



Design Flexibility

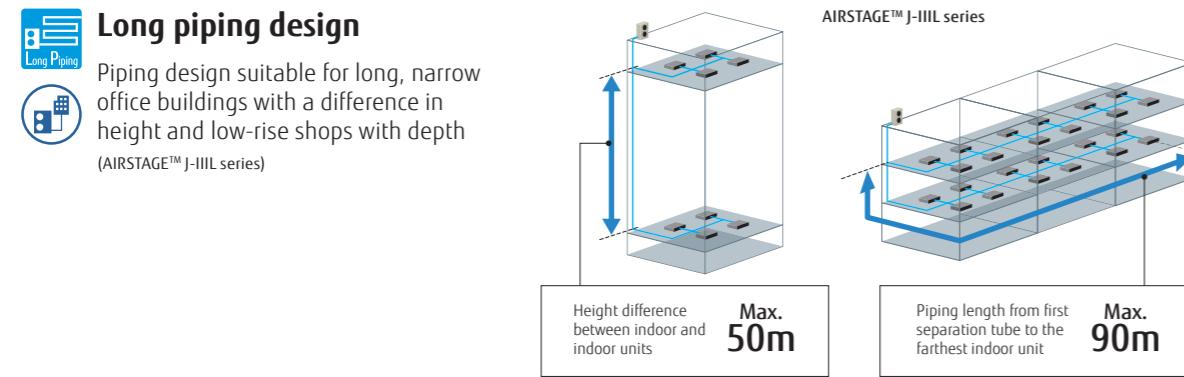
Top class Compact design

Compact outdoor unit can be attained at the top class in the industry by optimal airflow structure design. (Up to 18 HP)



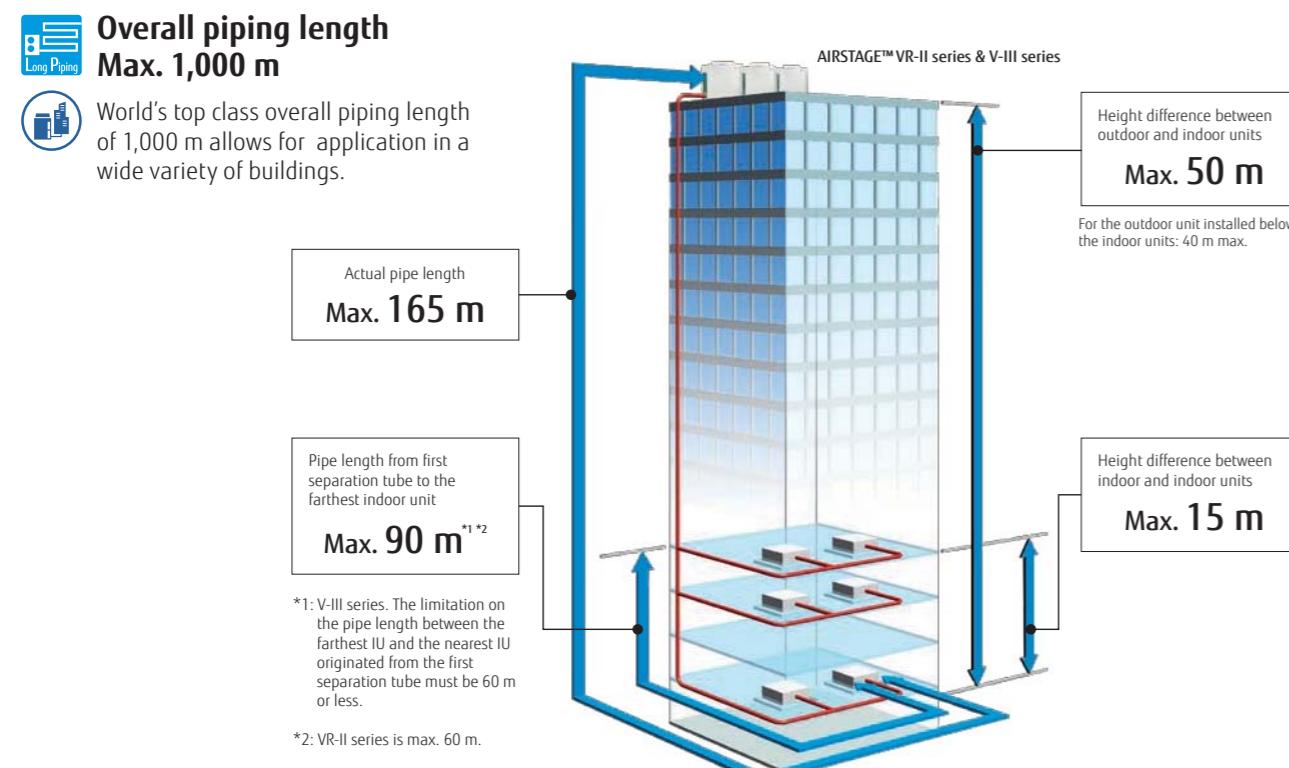
Long piping design

Piping design suitable for long, narrow office buildings with a difference in height and low-rise shops with depth (AIRSTAGE™ J-III series)



Overall piping length Max. 1,000 m

World's top class overall piping length of 1,000 m allows for application in a wide variety of buildings.



*1: V-III series. The limitation on the pipe length between the farthest IU and the nearest IU originated from the first separation tube must be 60 m or less.
*2: VR-II series is max. 60 m.

High capacity connection

Series	Connectable indoor unit capacity range	Connectable indoor unit number
AIRSTAGE™ J-III series 14/16/18 HP Heat Pump type	50% to 150%*3	up to 42*5
AIRSTAGE™ J-III series 8/10/12 HP Heat Pump type	50% to 150%*3	up to 30*6
AIRSTAGE™ J-III series Heat Pump type	50% to 150%*3	up to 13*7
AIRSTAGE™ J-II series Heat Pump type	50% to 130%*3	up to 8
AIRSTAGE™ VR-II series Heat Recovery Modular type	50% to 150%*3	up to 64
AIRSTAGE™ V-III series Heat Pump Modular type	50% to 150%*4	up to 64

*3: Conditions of maximum connectable indoor unit capacity ratio is as the chart.

*4: Max. capacities in the combinations including the 18 HP outdoor unit fall below 150%.

*5: J-III series 18 HP model only.

*6: J-III series 12 HP model only.

*7: J-III series 6 HP model only.

Designed for low refrigerant charge

Optimal design of indoor unit and outdoor unit reduces the refrigerant volume and special support is not required even when installing in a small room of about 15 m².

Various optional parts

- Intake fresh air with our Fresh Air Intake kit
- Comfortable temperature control with a remote sensor
- Operation by linking up to ventilation equipment and air handling unit with the DX-Kit



Low ambient operation

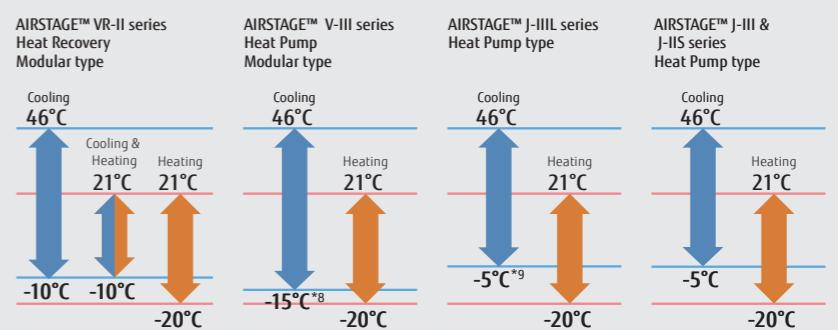
Refrigeration cycle technology allows cooling operation even at -15°C.



Wide operating range

Installation in extreme temperature conditions is possible due to an increase in operational range.

*8: Note: When a multiple outdoor unit connection is used, operating range is from -5°C to 46°C in cooling.
*9: Only when all indoor units are 5.6 kW or more in the system, the operation range is -15°C to 46°C.

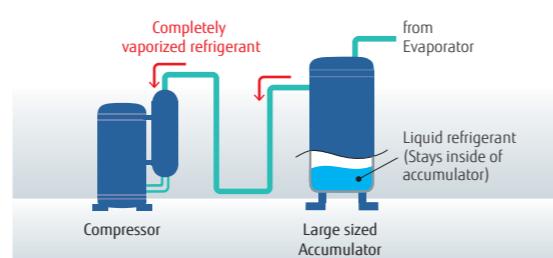


High Reliability



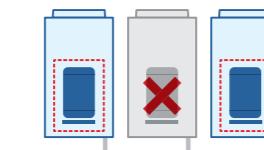
Liquid flow back protection

By adopting a large sized accumulator, not completely vaporised refrigerant stays inside of the accumulator to ensure no liquid refrigerant is being fed into the compressor.



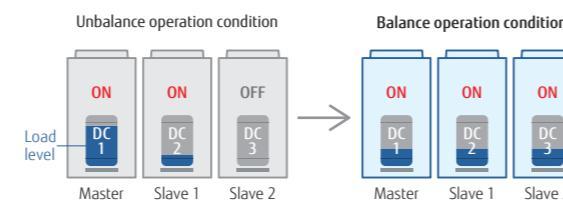
Backup operation

If one compressor fails, backup operation will be performed by the remaining compressors.*1



Advanced refrigerant control

Innovative compressor control logic has been introduced in order to balance the refrigerant mass flow rate of each outdoor unit by controlling the inverter speed.



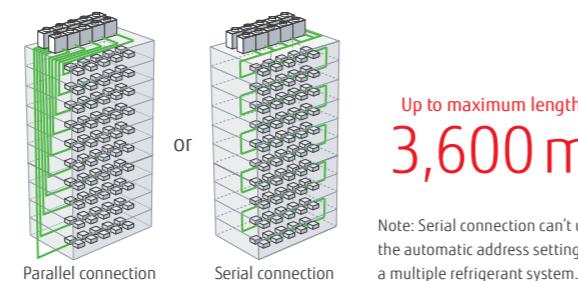
*1: Note: Backup operation may not be possible depending on the trouble state.

Easy Installation



Simple wiring work

Installation of the wiring systems is made easier as the communication wiring can be installed continuously between the indoor, outdoor and RB units.

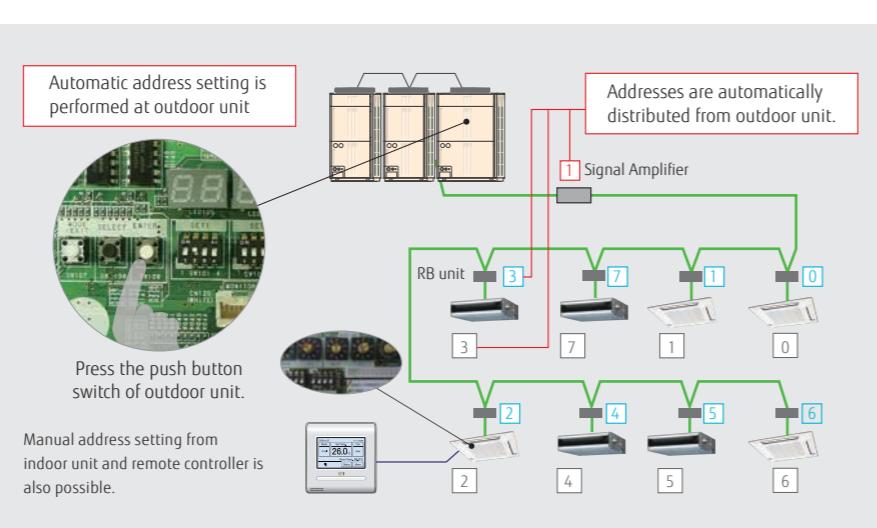


Up to maximum length
3,600 m

Note: Serial connection can't use the automatic address setting in a multiple refrigerant system.

Automatic address setting

The address of the indoor unit, RB unit and signal amplifier through the automatic function setting on the outdoor unit PCB.



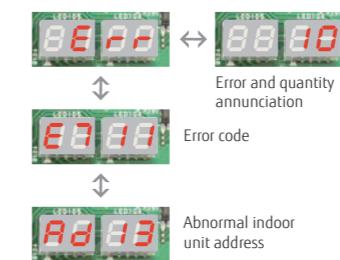
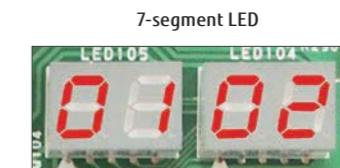
Easy Service & Maintenance

Design for easy maintenance

Easy to read 7-segment LED

Confirm detailed operational and error status without using any specific equipment.

- Operation mode status
- Discharge temperature/Pressure status
- Compressor operation indication
- Address/type/number of outdoor unit

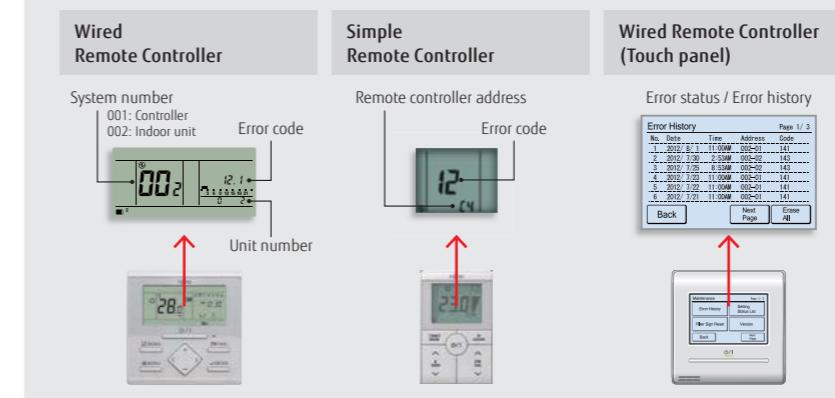


- Error status can be checked easily by outdoor unit display



Error status can be checked easily via the indoor unit wired controller

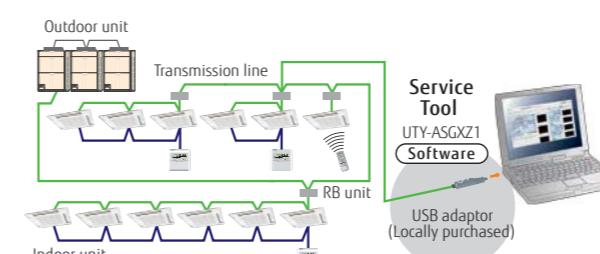
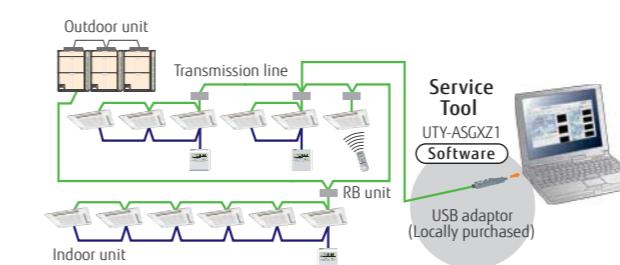
An error code is displayed on a liquid crystal screen.



Error diagnosis by Service Tool

Connection to Service Tool

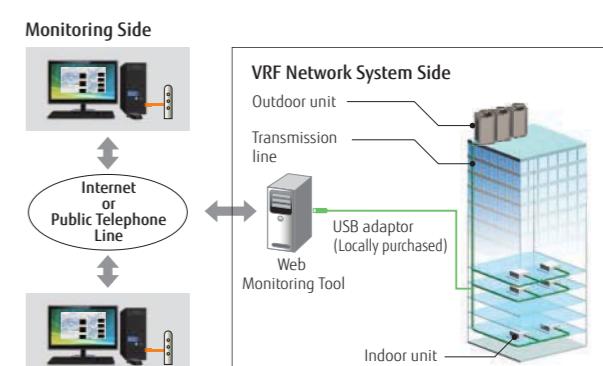
- Detail operation status and recent error history can be checked and analyzed by using the Service Tool.
- Last 5 min. operation memory can be also be recorded.



Remote monitoring

The Web Monitoring system allows you to view system operation anytime over the internet, ensuring issue free operation.

The operating VRF network system in the building can be monitored real time over the Internet.

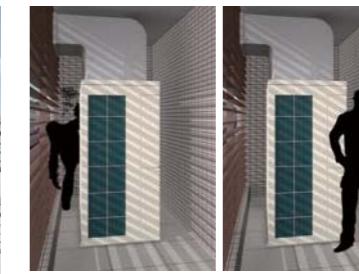




Slim & Compact Design



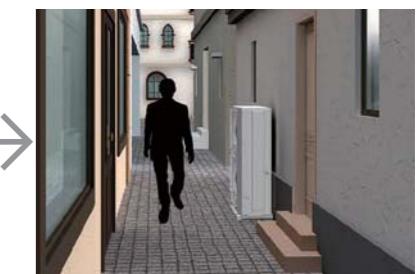
Various Installation



In house installation

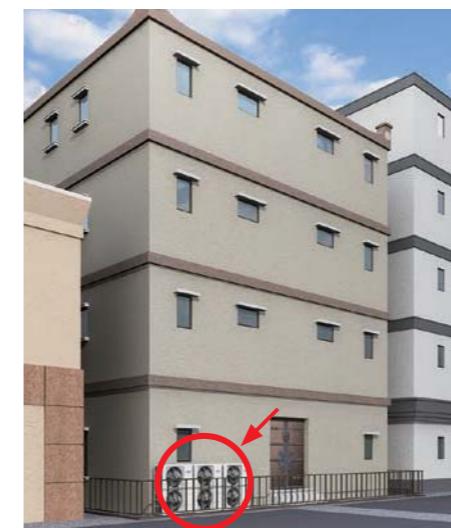
Low noise in consideration for the nearby residents

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



Narrow space behind building 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 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.

Heat Pump

for Small Capacity Type



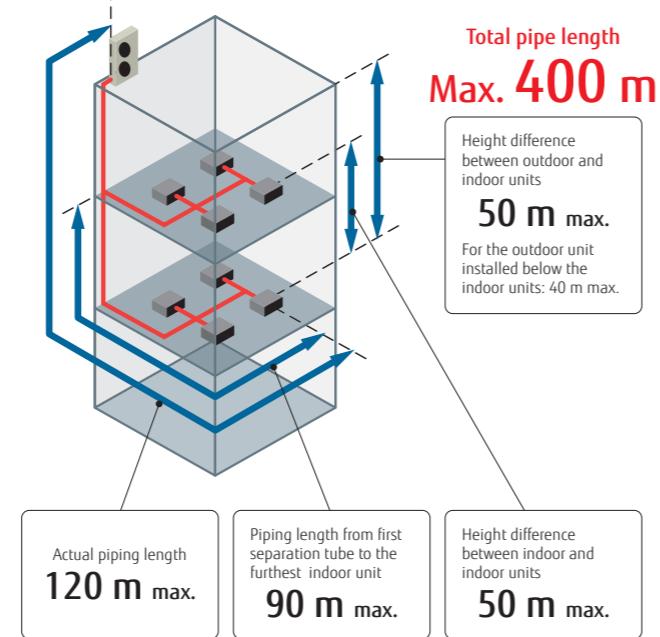
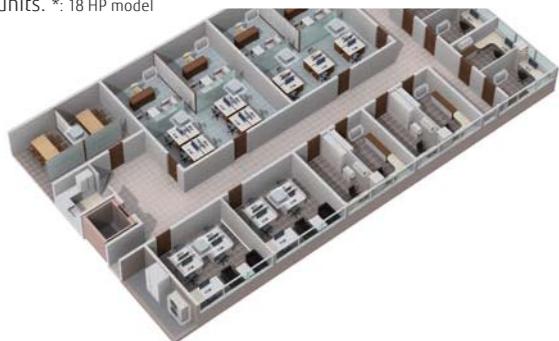
AIRSTAGE™ J-III L

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 42 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 42 units. *: 18 HP model



High Static Pressure

External static pressure is available up to 60Pa for 14/16/18HP. (20Pa for 8HP, 30Pa for 10/12HP)



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)



77 dB(A)
-11 dB(A)



8,10,12 HP: AJY072LELAH / AJY090LELAH / AJY108LELAH
14,16,18 HP: AJY126LELAH / AJY144LELAH / AJY162LELAH

AIRSTAGE™ J-III L



Specifications

Rating Capacity range	HP	8	10	12	14	16	18	
Model name		AJY072LELAH	AJY090LELAH	AJY108LELAH	AJY126LELAH	AJY144LELAH	AJY162LELAH	
Maximum Connectable Indoor Unit		1-20	1-25	1-30	1-36	1-40	1-42	
Power source		3 phase, ~400V, 50Hz						
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.0
	Nominal Heating		22.4	28.0	33.5	40.0	45.0	50.0
	Max Heating		25.0	31.5	37.5	45.0	50.0	55.0
Input power	Cooling	kW	6.30	8.59	10.42	12.12	14.96	18.52
	Nominal Heating		4.65	6.61	8.18	9.71	11.81	13.66
	Max Heating		5.45	8.29	10.25	11.80	14.29	16.66
EER	Cooling		3.56	3.26	3.22	3.30	3.01	2.70
COP	Nominal Heating		4.82	4.24	4.10	4.12	3.81	3.66
	Max Heating		4.56	3.80	3.66	3.81	3.50	3.30
Airflow rate	m³/h		8,400	9,000	11,000	13,000	14,000	14,800/15,300
Sound pressure level / Power level	Cooling	dB(A)	52/66	54/69	59/73	62/75	64/77	65/79
	Heating		54/-	57/-	61/-	63/-	65/-	68/-
Net Dimensions	Height	mm	1,428	1,428	1,428	1,638	1,638	1,638
	Width		1,080	1,080	1,080	1,080	1,080	1,080
	Depth		480	480	480	480	480	480
Weight	kg		170	177	178	213	213	217
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	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)	11.8 (24.6)
Connection pipe diameter	Liquid mm		9.52	9.52	12.70	12.70	12.70	12.70
	Gas		19.05	22.20	28.58	28.58	28.58	28.58
Total pipe length	m		400	400	400	400	400	400
Max. height difference			50/40 (Outdoor unit: Upper/Lower)					
Operation range	Cooling °C		-15 to 46	-15 to 46	-15 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

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.

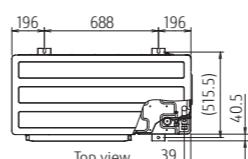
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.

* 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.

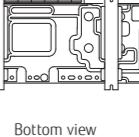
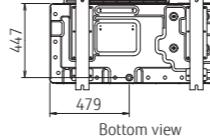
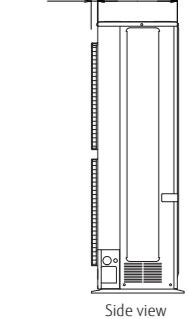
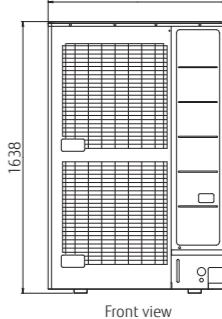
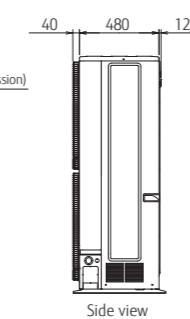
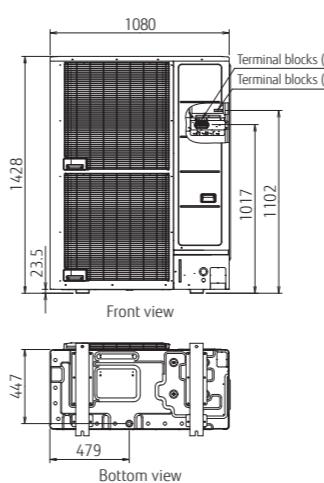
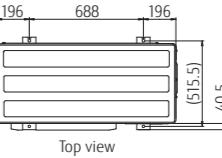
Dimensions

(Unit : mm)

8, 10, 12 HP



14, 16, 18 HP



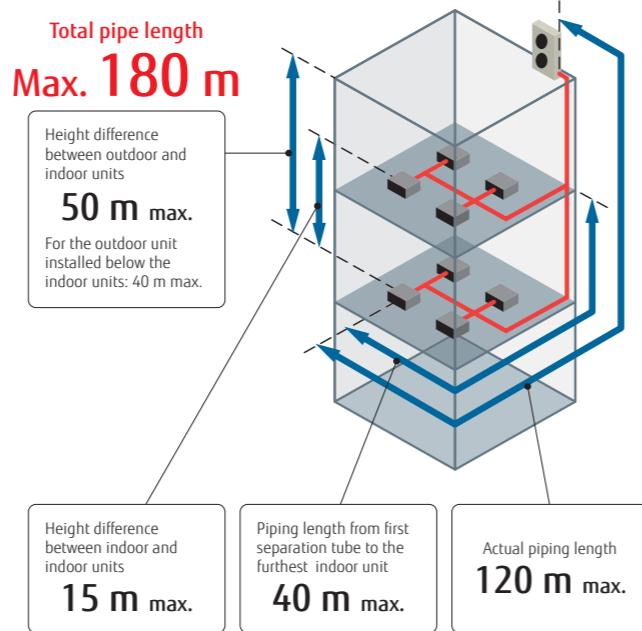
Heat Pump for Small Capacity Type

AIRSTAGE™ J-III



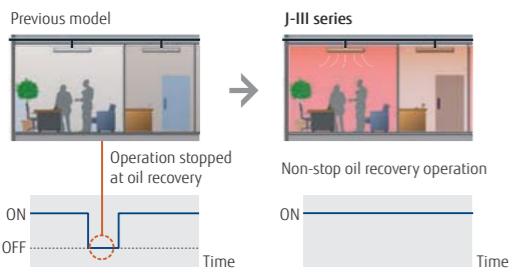
Long piping length

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.



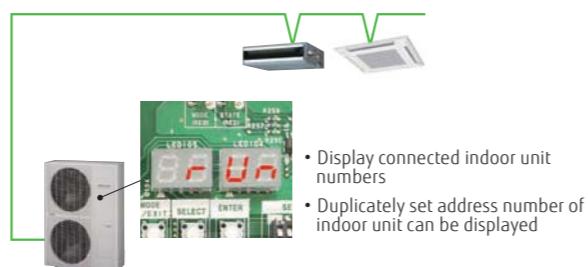
Non-stop oil recovery operation

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.



4,5,6HP : AJY040LBLAH / AJY045LBLAH / AJY054LBLAH
AJY040LELAH [3phase] / AJY045LELAH [3phase] / AJY054LELAH [3phase]



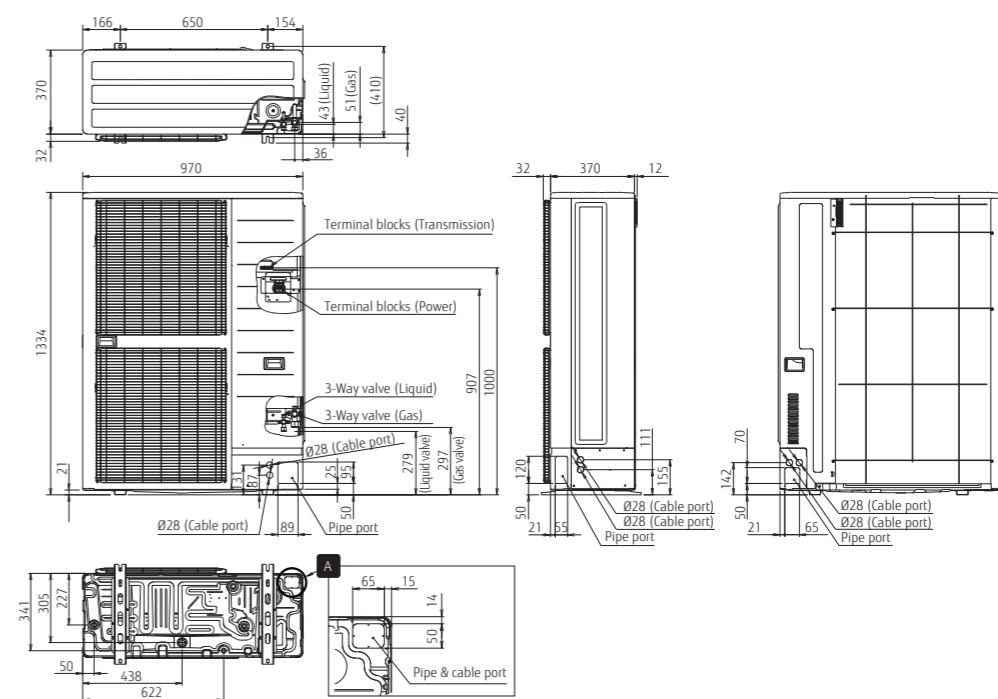
Specifications

Rating Capacity range	HP	4	5	6	
Model name		AJY040LBLAH	AJY045LBLAH	AJY054LBLAH	
Maximum Connectable Indoor Unit		1-9	1-10	1-13	
Power source		Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	12.1	14.0	
	Nominal Heating		12.1	14.0	
	Max Heating		13.6	16.0	
Input power	Cooling	kW	2.90	3.57	
	Nominal Heating		2.30	2.83	
	Max Heating		2.80	3.55	
EER	Cooling	W/W	4.17	3.92	
	Nominal Heating		5.27	4.96	
	Max Heating		4.86	4.51	
COP	Cooling	m³/h	6,200	6,400	
	Nominal Heating		52 / 68	53 / 69	
	Max Heating		55 / 71		
Airflow rate		Blue fin	Blue fin	Blue fin	
Sound pressure level / Power level	Cooling	50 / 66	51 / 67	53 / 69	
	Heating	52 / 68	53 / 69	55 / 71	
Heat exchanger fin		Blue fin	Blue fin	Blue fin	
Net Dimensions	Height	mm	1,334	1,334	
	Width		970	970	
	Depth		370	370	
Weight		kg	117	117	
Refrigerant	Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO ₂ eq-T)	4.8 (10.0)	5.3 (11.1)	
Connection pipe diameter	Liquid	mm	9.52	9.52	
	Gas		15.88	15.88	
Total pipe length		m	180	180	
Max. height difference			50/40 (Outdoor unit: Upper/Lower)		
Operation range	Cooling	°C	-5 to 46	-5 to 46	-5 to 46
	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.

Dimensions

(Unit : mm)

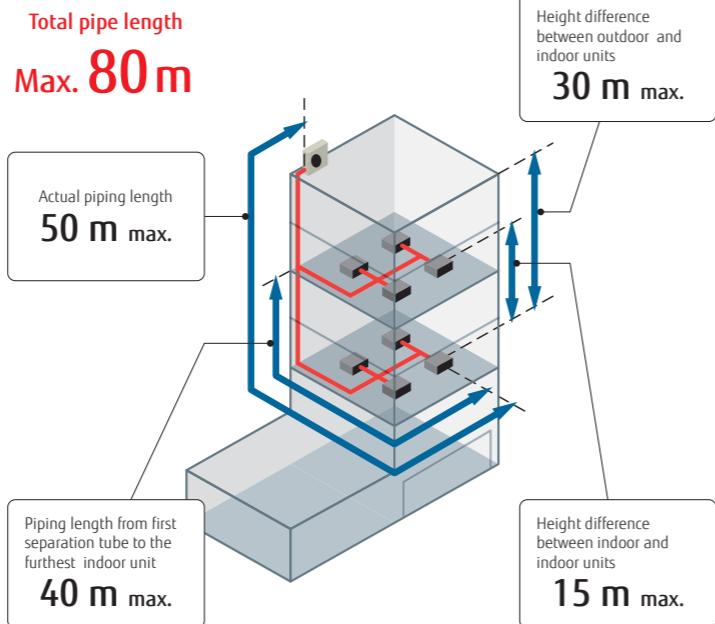


Heat Pump for Small Capacity Type

AIRSTAGE™ J-II S

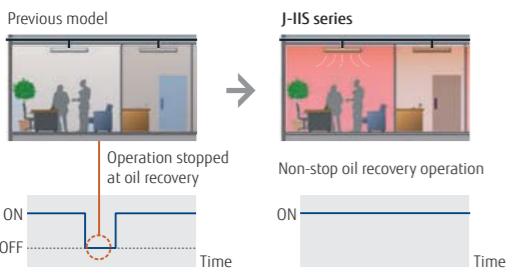
Long piping length

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



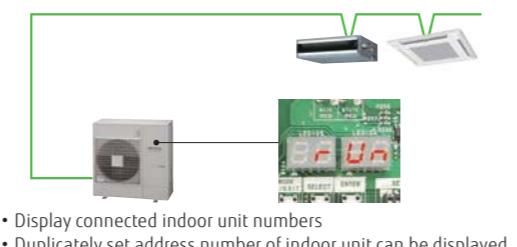
Non-stop oil recovery operation

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.



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



Specifications

Rating Capacity range	HP	4	5	6
Model name		AJY040LCLAH	AJY045LCLAH	AJY054LCLAH
Maximum Connectable Indoor Unit	7	8	8	8
Power source				
Capacity	Cooling Nominal Heating Max Heating	kW	12.1 12.1 13.6	14.0 14.0 16.0
Input power	Cooling Nominal Heating Max Heating	kW	3.44 2.51 3.09	4.43 3.11 3.93
EER	Cooling	W/W	3.52	3.16
COP	Nominal Heating Max Heating		4.83 4.40	4.51 4.07
Airflow rate		m³/h	4,040	4,200
Sound pressure level / Power level	Cooling Heating	dB(A)	51 / 67 54 / 68	53 / 69 55 / 69
Heat exchanger fin			Blue fin	Blue fin
Net Dimensions	Height Width Depth	mm	998 970 370	998 970 370
Weight		kg	86	86
Refrigerant	Type (Global Warming Potential) Charge	kg(CO ₂ eq-T)	R410A (2,088) 4.0 (8.4)	R410A (2,088) 4.0 (8.4)
Connection pipe diameter	Liquid Gas	mm	9.52 15.88	9.52 15.88
Total pipe length		m	80	80
Max. height difference		m	30	30
Operation range	Cooling Heating	°C	-5 to 46 -20 to 21	-5 to 46 -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.

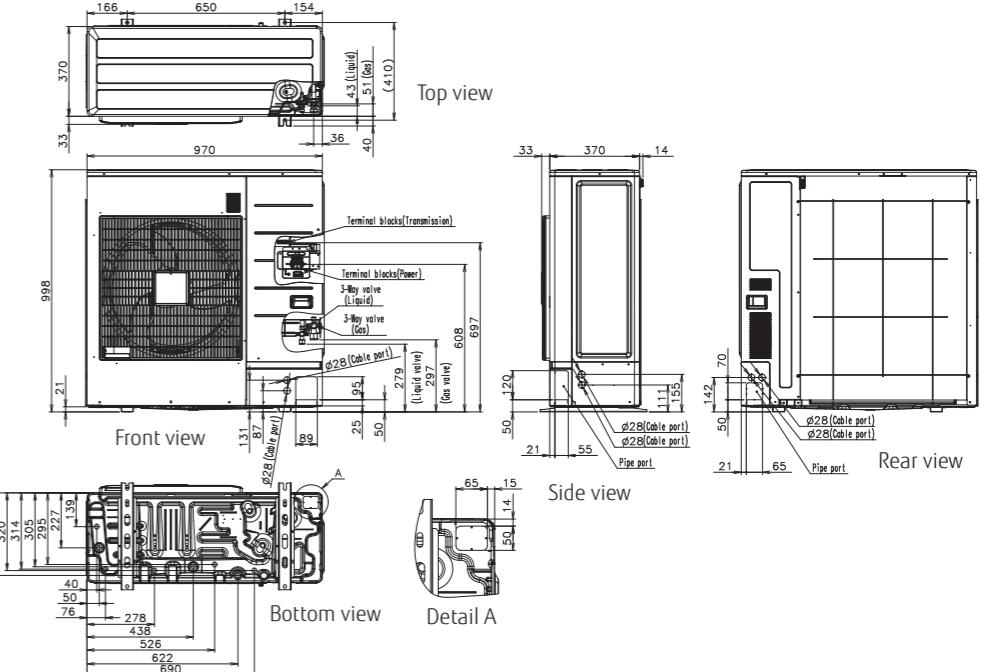
Heating : Indoor temperature of 20°CDB / 15°CWB, and outdoor temperature of 7°CDB / 6°CWB.

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)



Heat Recovery

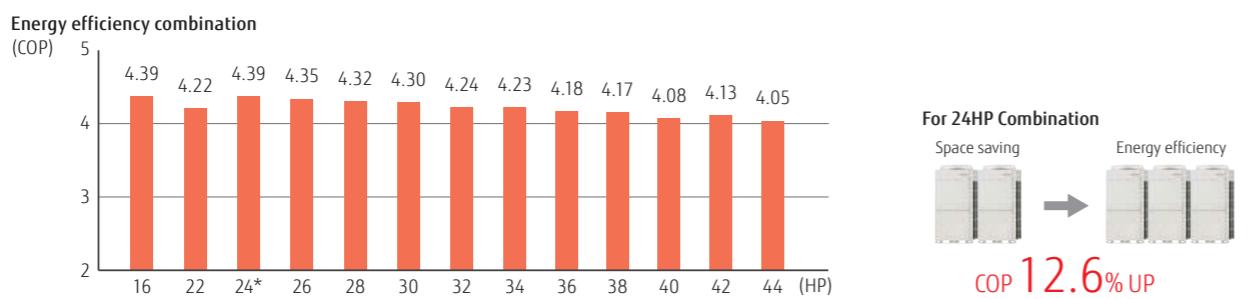
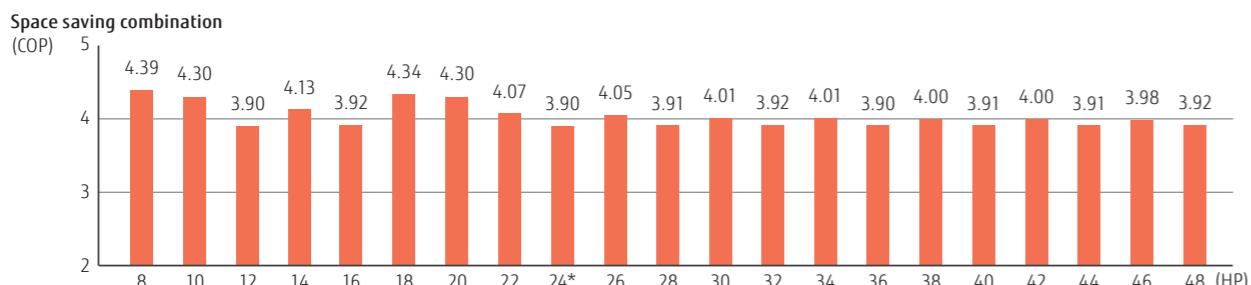
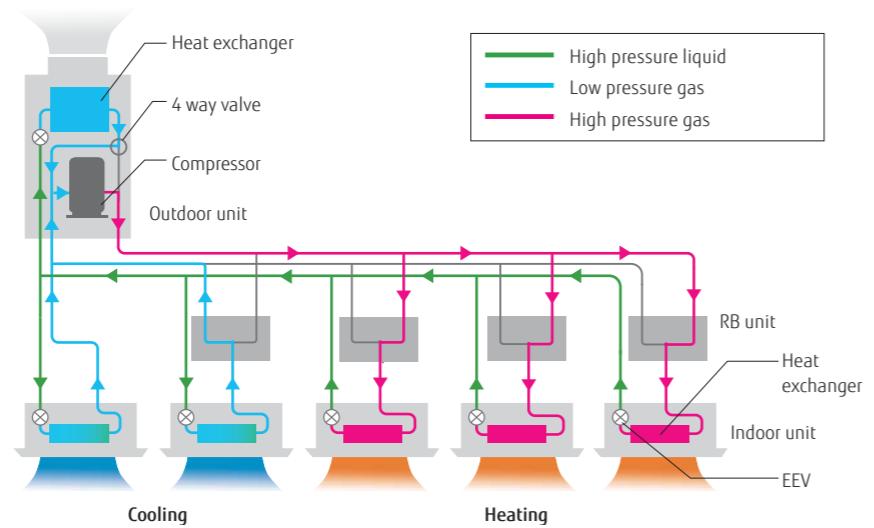
Modular Type



AIRSTAGE™ VR-II

High Operating Energy Efficiency

Our Heat recovery systems achieve high operating energy efficiency by drawing heat from the room to be cooled and transferring it as energy for rooms that are to be heated.



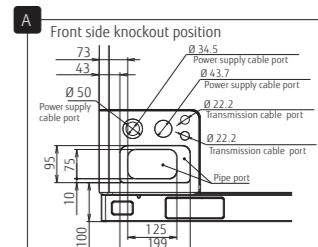
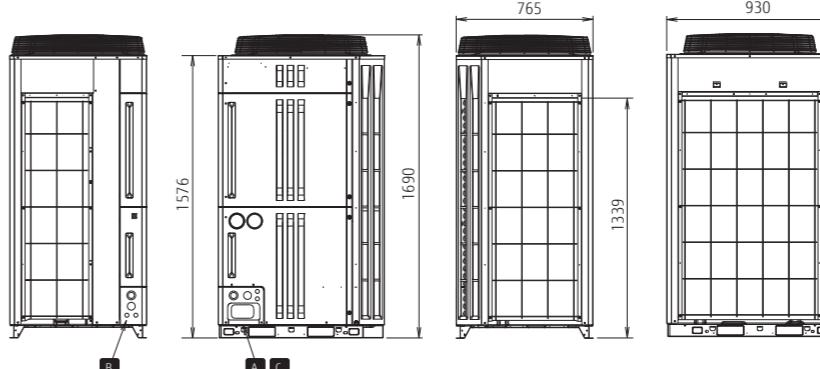
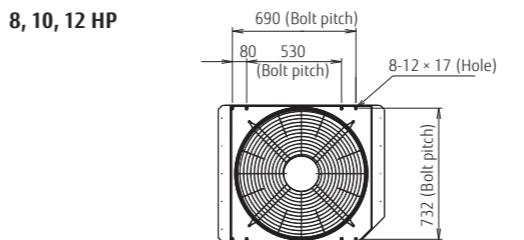
8,10,12HP : AJY-A72GALH / AJY-A90GALH / AJY-A108GALH
14,16HP : AJY-A126GALH / AJY-A144GALH



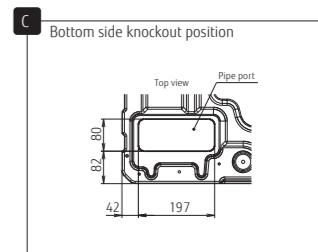
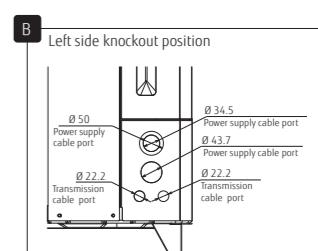
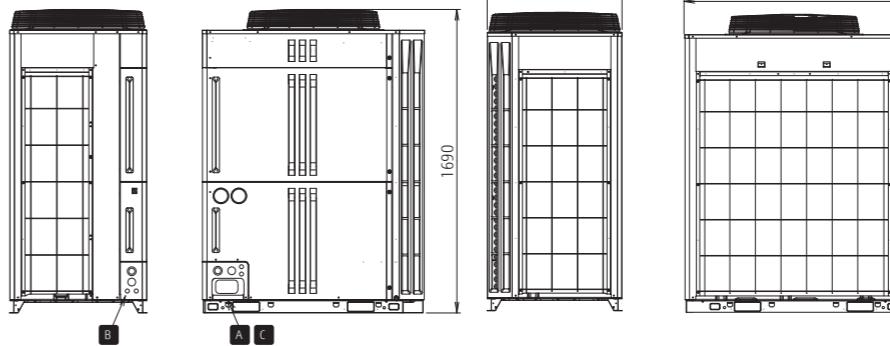
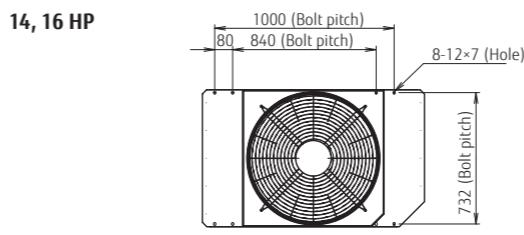
Dimensions

(Unit : mm)

8, 10, 12 HP



14, 16 HP



Outdoor units specifications

Space Saving Combination

Energy Efficiency Combination

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. the outdoor unit must be installed in a position that is higher than or equal to those of indoor units.

*1: Minimum connectable indoor unit number is 2.

*2: The noise value is the value when measured in an anechoic room. When measured in the actual installed state,

surrounding noise and reflections are received and the measured value is usually larger than the indicated value.

Heat Pump

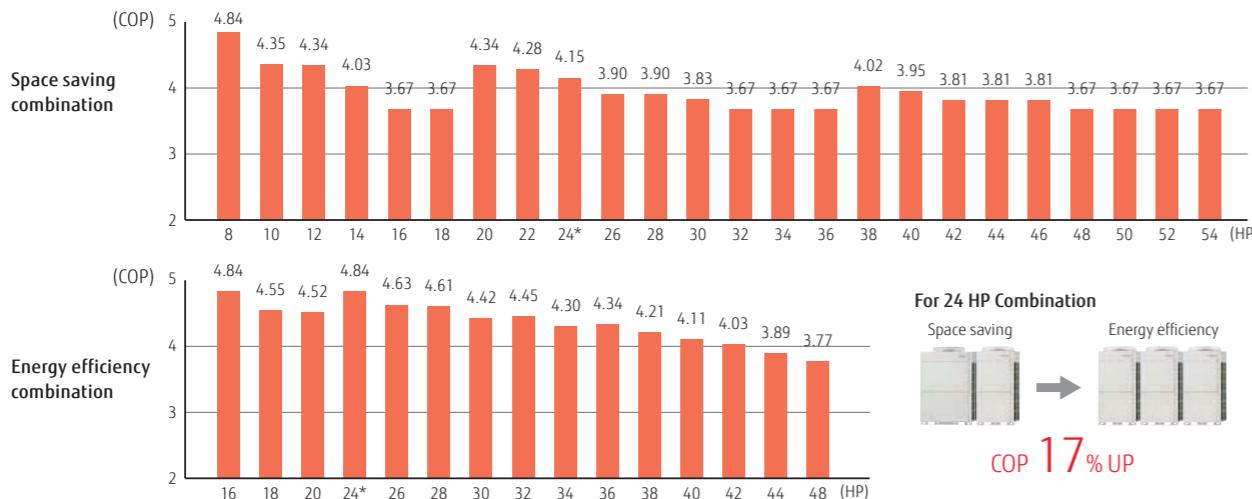
Modular Type



AIRSTAGE™ V-III

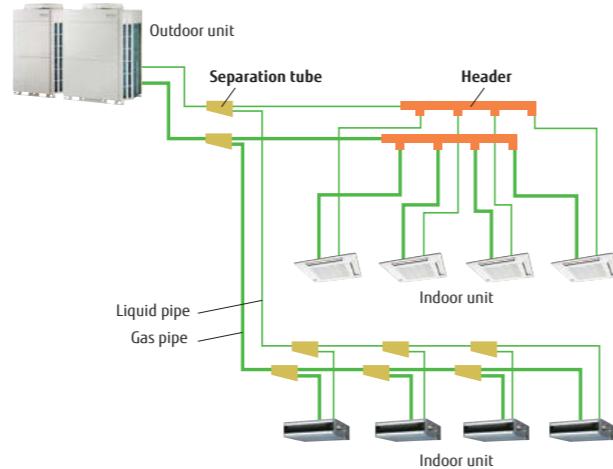
Efficiency in actual operation

Top class high COP is achieved for all combinations by our unique heat exchanger structure, high efficient DC twin compressor, and our own technologies.



System configuration example

- This system is used for medium-sized and large buildings. Connecting each outdoor unit makes it possible to create a high capacity system.
- Connection of multiple indoor units using separation tubes and headers.



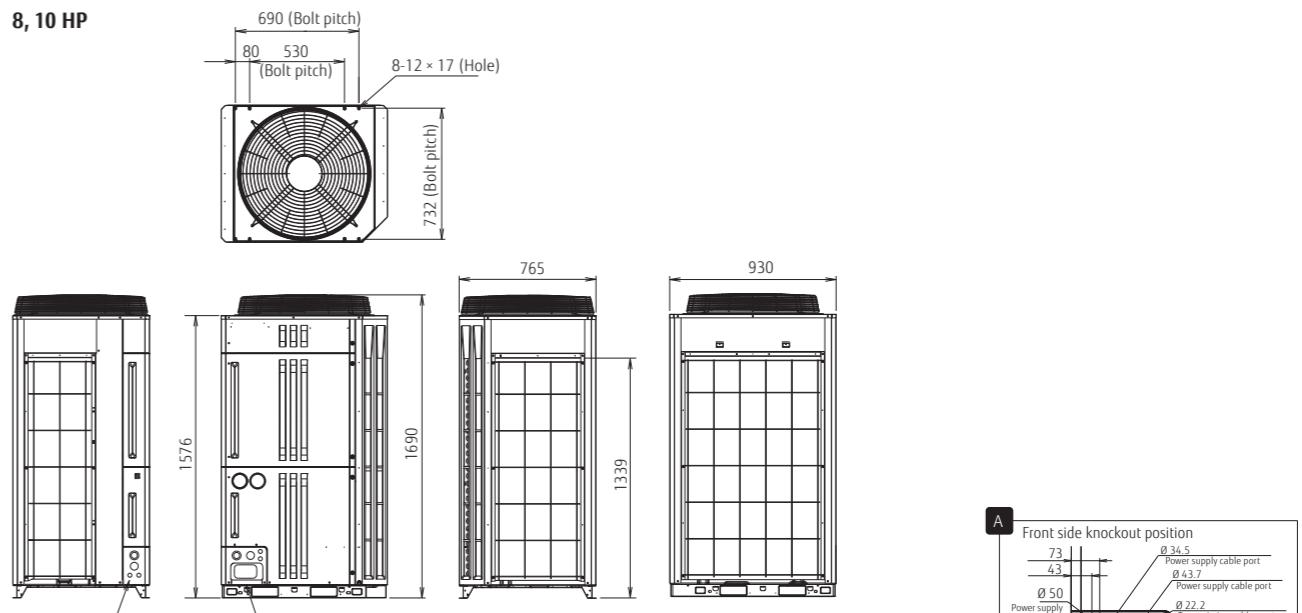
8,10HP: AJY072LALBH / AJY090LALBH
12,14,16,18HP: AJY108LALBH / AJY126LALBH / AJY144LALBH / AJY162LALBH



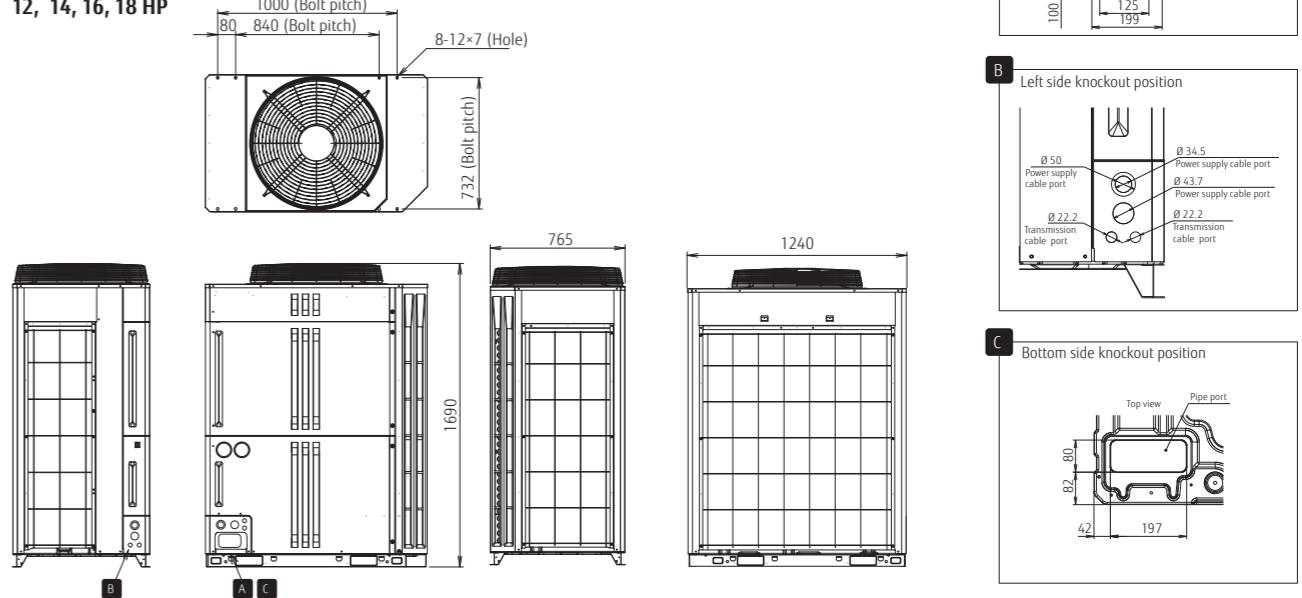
Dimensions

(Unit : mm)

8, 10 HP



12, 14, 16, 18 HP



Outdoor units specifications

Space Saving Combination

Energy Efficiency Combination

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

B. When cooling operation will be conducted at outdoor air temperature below -5°C,

B. the outdoor unit must be installed in a position that is higher than or equal to those of indoor units.

*1 Minimum connectable indoor unit number is 2.

However ARXC72 and ARXC90 can be used signal connection.

*2 The noise value is the value when measured in an anechoic room.

When measured in the actual installed state, surrounding noise and reflections are

received and the measured value is usually larger than the indicated value.

Heat Pump

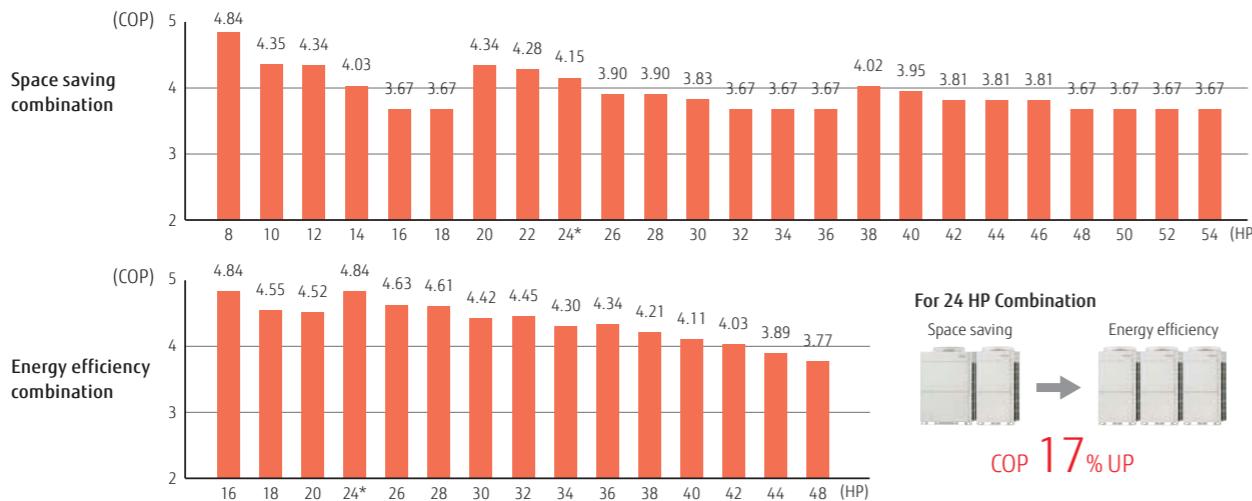
Modular Type



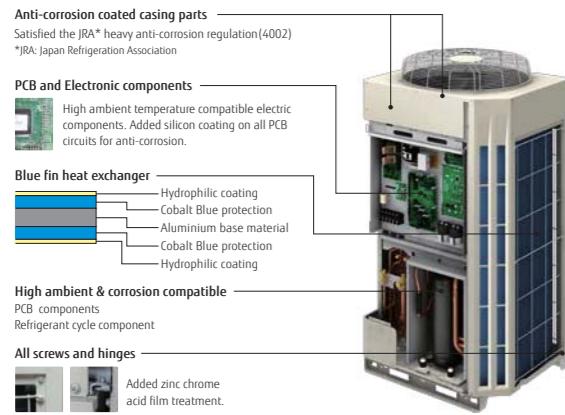
AIRSTAGE™ V-III 

Efficiency in actual operation

Top class high COP is achieved for all combinations by our unique heat exchanger structure, high efficient DC twin compressor, and our own technologies.

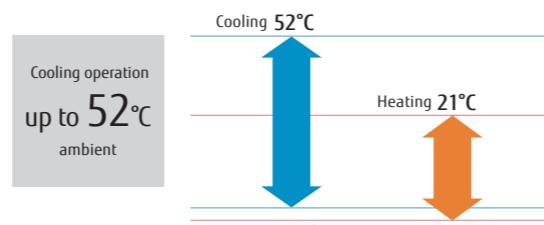


Heavy anti-corrosion treatment design



High ambient operation design

Possible to operate cooling up to 52°C outdoor temperature by adopting DC fan motor, large propeller fan and large heat exchanger.



*: When a multiple outdoor unit connection is used, operating range is from -5°C to 52°C in cooling.

8,10HP : AJY072LNLBH / AJY090LNLBH
12,14,16,18HP : AJY108LNLBH / AJY126LNLBH / AJY144LNLBH / AJY162LNLBH

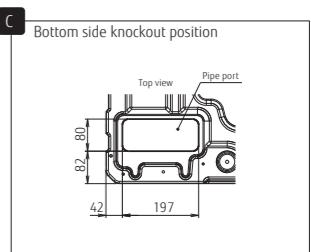
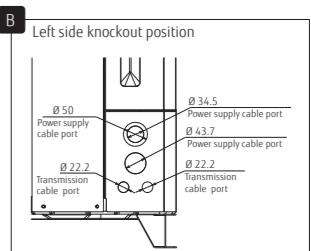
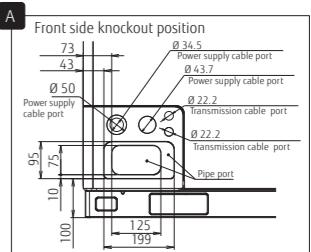
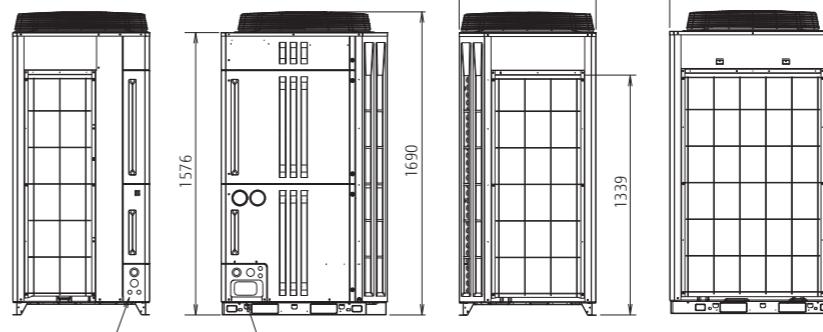
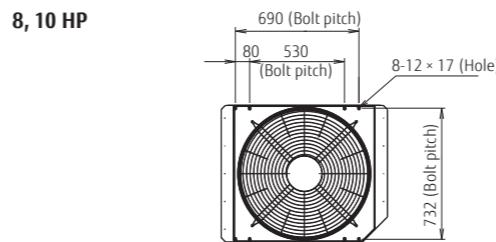
AIRSTAGE™ V-III 



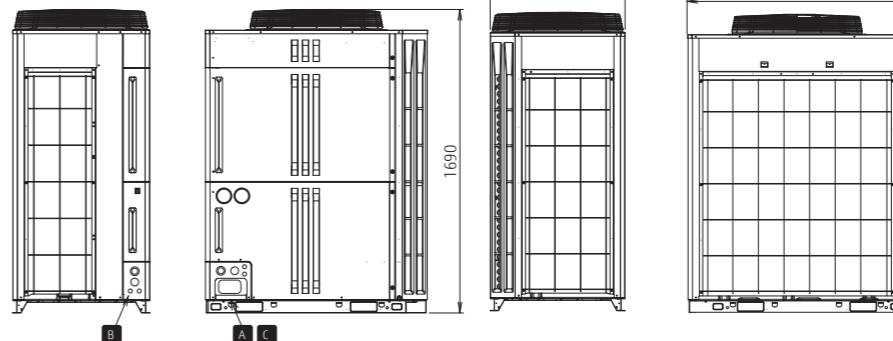
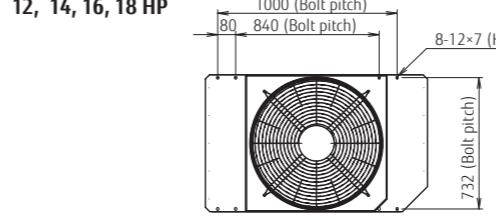
Dimensions

(Unit : mm)

8, 10 HP



12, 14, 16, 18 HP



For more information, please contact Fujitsu General Limited. (www.fujitsu-general.com)

Outdoor units specifications

Space Saving Combination

Energy Efficiency Combination

Note: Specifications are based on the following conditions.

Cooling(T1): Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB

Cooling(T3): Indoor temperature of 29°CDB / 19°CWB, and outdoor temperature of 46°CDB / 24°CWB

Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

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

VRF Indoor Unit Lineup

Capacity range (kW)			1.1	2.2	2.8	3.6	4.5	5.6	7.1	9.0	10.0	11.2	12.5	14.0	18.0	22.4	25.0	28.0	
Class			4	7	9	12	14	18	24	30	34	36	45	54	60	72	90	96	
Cassette	Compact Grid type / Standard type		AUXB 004 GLEH	AUXB 007 GLEH	AUXB 009 GLEH	AUXB 012 GLEH	AUXB 014 GLEH	AUXB 018 GLEH	AUXB 024 GLEH										
	Circular Flow Slim type				AUXN 009 GLAH* ⁴	AUXN 012 GLAH* ⁴	AUXN 014 GLAH* ⁴	AUXM 018 GLEH	AUXM 024 GLEH	AUXM 030 GLEH									
	Circular Flow Large type							AUXK 018 GLEH	AUXK 024 GLEH	AUXK 030 GLEH	AUXK 034 GLEH	AUXK 036 GLEH	AUXK 045 GLEH	AUXK 054 GLEH					
	3D Flow	NEW						AUXS 018 GLEH	AUXS 024 GLEH										
Duct	Mini Duct (With drain pump)	 004/007/009/ 012/014 018 024	ARXK 004 GLEH	ARXK 007 GLEH	ARXK 009 GLEH	ARXK 012 GLEH	ARXK 014 GLEH	ARXK 018 GLEH	ARXK 024 GLEH										
	Slim Duct (With drain pump)	 04/007/009/ 012/014 018 024	ARXD 04 GALH* ³	ARXD 007 GLEH	ARXD 009 GLEH	ARXD 012 GLEH	ARXD 014 GLEH	ARXD 018 GLEH	ARXD 024 GLEH										
	Medium Static Pressure Duct								ARXA 024 GLEH	ARXA 030 GLEH		ARXA 036 GLEH	ARXA 045 GLEH						
	High Static Pressure Duct	 036/45/60 072/090 096										ARXC 036 GTEH	ARXC 45 GATH		ARXC 60 GATH* ¹	ARXC 072 GTEH* ¹	ARXC 090 GTEH* ¹	ARXC 096 GTEH* ¹	
	Large Airflow Duct (Compact type)	 009/012/014 018 024/030			ARXN 009 GLBH* ⁴	ARXN 012 GLBH* ⁴	ARXN 014 GLBH* ⁴	ARXN 018 GLBH	ARXN 024 GTBH	ARXN 030 GTBH									
	Large Airflow Duct (Large type)							ARXN 18 GATH* ²	ARXN 24 GATH* ²	ARXN 30 GATH* ²	ARXN 34 GATH* ²	ARXN 36 GATH* ²	ARXN 45 GATH* ²						
Floor	Floor (*Same as Ceiling models)					ABYA 004 GCEH	ABYA 012 GTEH	ABYA 014 GTEH	ABYA 018 GTEH	ABYA 024 GTEH									
	Slim Concealed Floor (*Same as Slim Duct models)	 04/007/009/ 012/014 018 024	ARXD 04 GALH* ³	ARXD 007 GLEH	ARXD 009 GLEH	ARXD 012 GLEH	ARXD 014 GLEH	ARXD 018 GLEH	ARXD 024 GLEH										
	Compact Floor			AGYA 004 GCEH	AGYA 007 GCEH	AGYA 009 GCEH	AGYA 012 GCEH	AGYA 014 GCEH											
	Compact Floor (EEV external)			AGYE 004 GCEH	AGYE 007 GCEH	AGYE 009 GCEH	AGYE 012 GCEH	AGYE 014 GCEH											
With this model, connection of EV kit is necessary.																			
Ceiling			 012/014/018/ 024 030/036/045/ 054			ABYA 012 GTEH	ABYA 014 GTEH	ABYA 018 GTEH	ABYA 024 GTEH	ABYA 030 GTEH		ABYA 036 GTEH	ABYA 045 GTEH	ABYA 054 GTEH					
Wall Mounted	Wall Mounted	 004/007/009 012/014 18/24 030/034	ASYA 004 GTEH	ASYA 007 GTEH	ASYA 009 GTEH	ASYA 012 GCEH	ASYA 014 GCEH	ASYA 18 GBCH	ASYA 24 GBCH	ASYA 030 GTEH	ASYA 034 GTEH								
	Wall Mounted (EEV external)	 004/007/009 012/014	ASYE 004 GTEH	ASYE 007 GTEH	ASYE 009 GTEH	ASYE 012 GCEH	ASYE 014 GCEH												
With this model, connection of EV kit is necessary.																			

*1: ARXC60/072/090/096G cannot be connected to J-II series and J-III series.

*2: Large airflow duct (Large type ARXN**GATH) type can be connected to VR-II / V-III series only.

*3: ARXD04GALH cannot be connected to J-III series.

*4: AUXN009/012/014GLAH and ARXN009/012/014GLBH can be connected to J-II series and J-III series only.

Specifications and design are subject to change without notice.

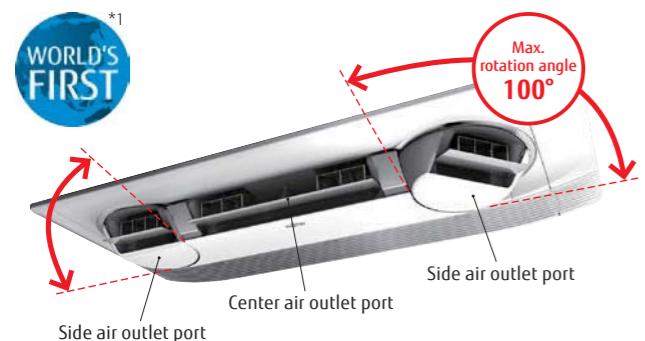
3D Flow Cassette



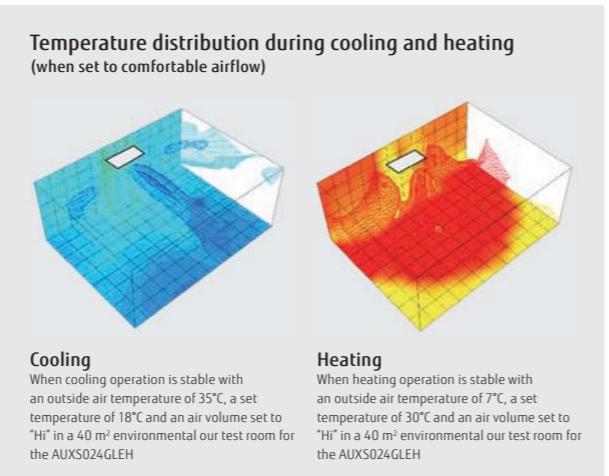
Model:
AUXS018GLEH / AUXS024GLEH

3 Air Outlet Ports can be controlled individually

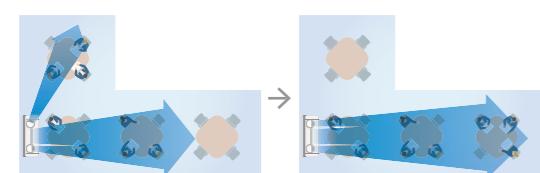
Using the "Comfortable airflow setting" function allows the left and right air outlet ports and the wide center air outlet ports to automatically create a comfortable space for improved comfort.



*1: Announced 2018. In room air conditioner for the home (our company's investigation)



Equipped with an "Individual airflow setting" function that optimizes the airflow setting in accordance with the installation location.



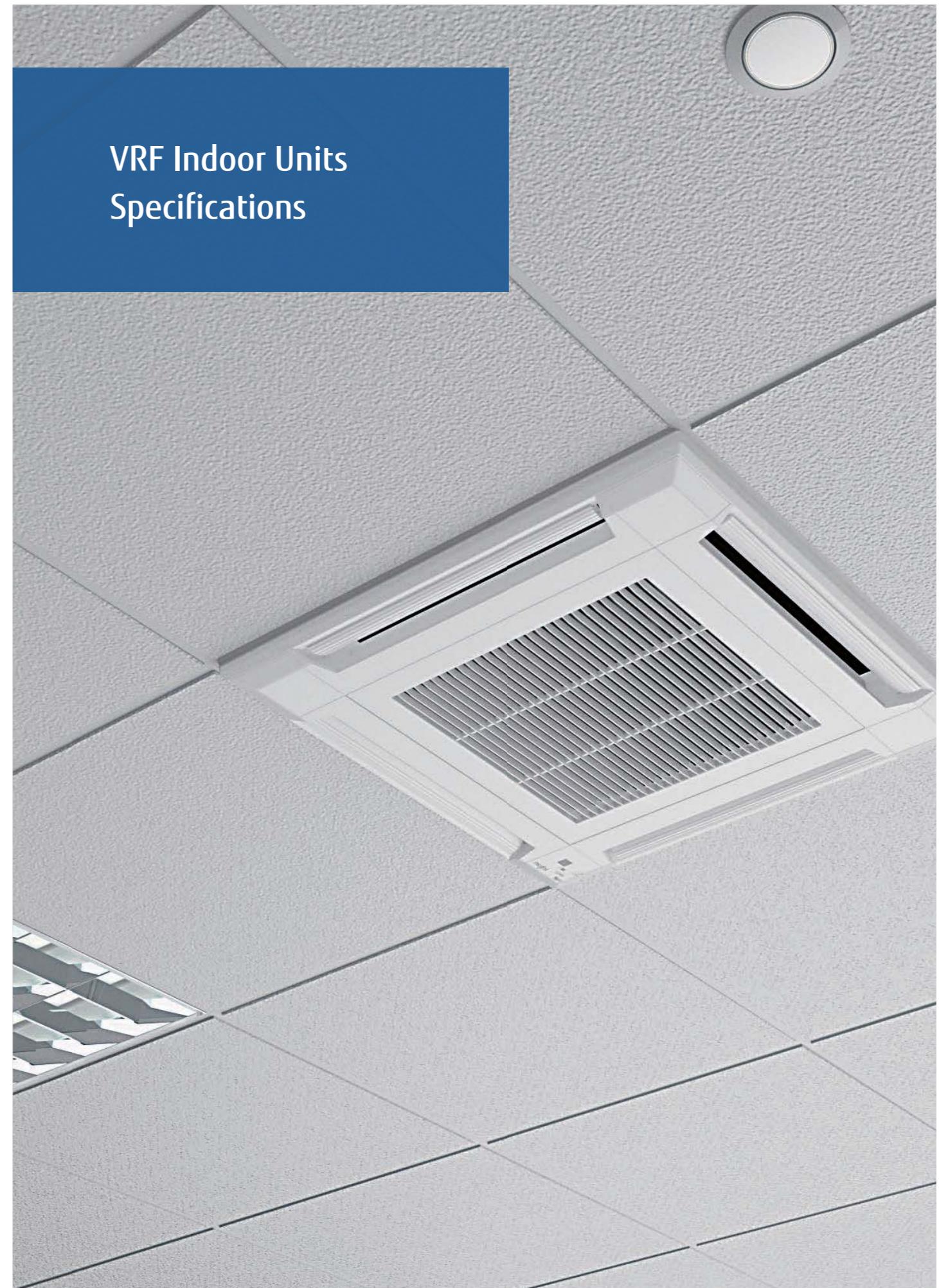
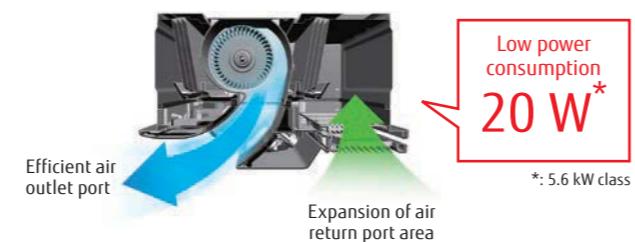
Suitably setting the side air outlet ports to match how the space is used achieves air conditioning with no waste.



*Wired Remote Controller (Touch Panel) UTY-RNRYZ3 only

High energy saving

The "New structural design" featuring large intake and smooth output reduces air blowing loss to achieve top class energy saving.



VRF Indoor Units Specifications

Compact Cassette



Model name		AUXB004GLEH	AUXB007GLEH	AUXB009GLEH	AUXB012GLEH	AUXB014GLEH	AUXB018GLEH	AUXB024GLEH
Single-phase, ~230V, 50Hz								
Power source								
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6
	Heating		1.3	2.8	3.2	4.1	5.0	6.3
Input power		W	23	25	25	29	35	36
	High	m³/h	530/530	540	550	600	680	710
	Med-H		490/480	500	520	560	620	660
	Med		450/430	460	480	520	560	590
	Med-L		420/380	420	440	480	500	520
	Low		390/340	390	400	430	440	460
	Quiet		350/300	350	350	390	390	400
	High		34/34	34	35	37	38	41
	Med-H		32/31	32	33	34	37	39
	Med		30/29	30	31	33	34	36
	Med-L		28/26	28	29	31	32	33
	Low		27/24	27	27	29	30	30
	Quiet		25/21	25	25	27	27	30
Net Dimensions (H × W × D)		mm	245 × 570 × 570					
Weight		kg(lbs)	15 (33)					
Connection	Liquid (Flare)		6.35					
pipe diameter	Gas (Flare)	mm	9.52					
Drain hose diameter (I.D./O.D.)			25/32					
Cassette	Model name		UTG-UFYE-W / UTG-UFCY-W					
Grille	Net Dimensions (H×W×D)	mm	49 × 620 × 620 / 49 × 700 × 700					
	Weight	kg(lbs)	2.3(5.1) / 2.6(6)					

Note : Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

*1: This value is under cooling operation.

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. Voltage : 230 [V].

Circular Flow Cassette



Model name		AUXN009GLAH	AUXN012GLAH	AUXN014GLAH	AUXM018GLEH	AUXM024GLEH	AUXM030GLEH	
Single-phase, ~230V, 50Hz								
Power source								
Capacity	Cooling	kW	2.8	3.6	4.5	5.6	7.1	
	Heating		3.2	4.0	5.0	6.3	8.0	
Input power		W	20	20	20	20	25	
	High	m³/h	1,050	1,050	1,050	1,050	1,120	
	Med-H		930	930	930	930	1,050	
	Med		900	900	900	900	930	
	Med-L		870	870	870	870	900	
	Low		810	810	810	810	870	
	Quiet		780	780	780	780	780	
	High		33	33	33	33	35	
	Med-H		32	32	32	32	36	
	Med		31	31	31	31	32	
	Med-L		30	30	30	30	32	
	Low		29	29	29	29	30	
	Quiet		28	28	28	28	28	
Net Dimensions (H × W × D)		mm	246 × 840 × 840					
Weight		kg(lbs)	24.5 (54)					
Connection	Liquid (Flare)		6.35					
pipe diameter	Gas (Flare)	mm	12.70					
Drain hose diameter (I.D./O.D.)			25/32					
Cassette	Model name		UTG-UKYC-W / UTG-UKYA-B					
Grille	Net Dimensions (H×W×D)	mm	53 × 950 × 950					
	Weight	kg(lbs)	6.0 (13)					

Large type

Model name		AUXK018GLEH	AUXK024GLEH	AUXK030GLEH	AUXK034GLEH	AUXK036GLEH	AUXK045GLEH	AUXK054GLEH
Single-phase, ~230V, 50Hz								
Power source								
Capacity	Cooling	kW	5.6	7.1	9.0	10.0	12.5	14.0
	Heating		6.3	8.0	10.0	11.2	12.5	14.0
Input power		W	40	40	47	47	61	89
	High	m³/h	1,420	1,420	1,440	1,440	1,620	1,820
	Med-H		1,360	1,360	1,440	1,440	1,500	1,590
	Med		1,300	1,300	1,340	1,340	1,400	1,500
	Med-L		1,270	1,270	1,300	1,300	1,340	1,400
	Low		1,200	1,200	1,280	1,280	1,280	1,300
	Quiet		1,150	1,150	1,150	1,150	1,150	1,150
	High		38	38	39	39	41	44
	Med-H		37	37	38	38	40	45
	Med		36	36	37	37	38	42
	Med-L		35	35	36	36	37	39
	Low		34	34	35	35	36	36
	Quiet		33	33	33	33	33	33
Net Dimensions (H × W × D)		mm	288 × 840 × 840					
Weight		kg(lbs)	26.5 (58)					
Connection	Liquid (Flare)		6.35					
pipe diameter	Gas (Flare)	mm	12.70					
Drain hose diameter (I.D./O.D.)			25/32					
Cassette	Model name		UTG-UKYC-W / UTG-UKYA-B					
Grille	Net Dimensions (H×W×D)	mm	53 × 950 × 950					
	Weight	kg(lbs)	6.0 (13)					

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. Voltage : 230 [V].

When AUX*018GLEH is connected to the outdoor unit other than J-III, pipe diameter

Mini Duct

Model name			ARXK004GLEH	ARXK007GLEH	ARXK009GLEH	ARXK012GLEH	ARXK014GLEH	ARXK018GLEH	ARXK024GLEH
Single-phase, ~230V, 50Hz									
Power source	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
Capacity	Heating	W	1.3	2.8	3.2	4.0	5.0	6.3	8.0
Input power		m³/h	26	28	28	35	66	73	80
Airflow rate	High		460	460	460	550	760	930	1,160
	Med-H		440	440	440	520	660	840	1,060
	Med		420	420	420	480	560	740	960
	Med-L		400	400	400	450	490	640	860
	Low		370	370	370	410	410	540	750
	Quiet		340	340	340	340	340	470	610
Static pressure range		Pa	0 to 30			0 to 50			
Standard static pressure			10			15			
	High	dB(A)	25	26	26	29	34	33	32
	Med-H		24	25	25	27	31	30	30
Sound pressure level	Med		23	24	24	26	28	28	28
	Med-L		22	23	23	25	26	26	27
	Low		21	22	22	24	24	25	25
	Quiet		20	21	21	22	22	22	22
Net Dimensions (H × W × D)	mm		198 × 700 × 450			198 × 900 × 450	198 × 1,100 × 450		
Weight	kg(lbs)	mm	14.5 (32)	15.5 (34)	16 (35)	19 (42)	22.5 (50)		
Connection pipe diameter	Liquid (Flare)		6.35			9.52			
	Gas (Flare)		9.52			12.70			
Drain hose diameter (I.D./O.D.)	mm		25/32			15.88			

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. Voltage : 230 [V].

High Static Pressure Duct

Model name			ARXC036GTEH	ARXC45GATH	ARXC60GATH	ARXC072GTEH	ARXC090GTEH	ARXC096GTEH
Single-phase, ~230V, 50Hz								
Power source	Cooling	kW	11.2	12.5	18.0	22.4	25.0	28.0
Capacity	Heating	W	12.5	14.0	20.0	25.0	28.0	31.5
Input power		m³/h	207	715	730	681	819	838
Airflow rate	High		1,990	3,000	3,350	3,900	4,300	4,850
	Med-High		1,810	-	-	3,600	4,150	4,550
	Med		1,680	2,700	2,850	3,300	4,000	4,250
	Med-Low		1,500	-	-	3,150	3,750	3,920
	Low		1,330	2,300	2,550	3,000	3,500	3,600
	Quiet		1,160	-	-	2,850	3,250	3,280
Static pressure range		Pa	0 to 200			100 to 250	100 to 300	0 to 300
Standard static pressure			100	100	100	150	150	150
	High	dB(A)	42	47	48	47	48	48
	Med-High		39	-	-	45	47	46
Sound pressure level	Med		36	43	44	43	46	45
	Med-Low		34	-	-	41	45	43
	Low		32	40	41	40	44	42
	Quiet		30	-	-	38	42	40
Net Dimensions (H × W × D)	mm		400 × 1,050 × 500			450 × 1,587 × 700	550 × 1,587 × 700	
Weight	kg(lbs)	mm	40 (88)	46 (101)	46 (101)	84 (185)	105 (231)	
Connection pipe diameter	Liquid		9.52 (Flare)			9.52 (Brazing)		
	Gas		15.88 (Flare)			19.05 (Flare)		
Drain hose diameter (I.D./O.D.)	mm		25/32			25/32		

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. Voltage : 230 [V].

Slim Duct / Slim Concealed Floor

Model name			ARXD04GALH	ARXD007GLEH	ARXD009GLEH	ARXD012GLEH	ARXD014GLEH	ARXD018GLEH	ARXD024GLEH
Single-phase, ~230V, 50Hz									
Power source	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
Capacity	Heating	W	1.3	2.8	3.2	4.0	5.0	6.3	8.0
Input power		m³/h	40	44	50	54	92	83	122
Airflow rate	High		510	550	600	600	800	940	1,330
	Med-High		-	480	510	530	680	820	1,140
	Med		400/470*1	440	460	490	600	730	1,020
	Med-Low		-	410	420	450	520	630	900
	Low		320/440*1	370	370	410	440	540	780
	Quiet		-	320	320	340	340	470	610
Static pressure range		Pa	0 to 90			0 to 90	0 to 90	0 to 90	0 to 50
Standard static pressure			25	25	25	25	25	25	25
	High	dB(A)	26	28	29	30	34	34	35
	Med-High		-	26	27	28	32	31	31
Sound pressure level	Med		21/25*1	25	25	27	30	29	29
	Med-Low		-	24	24	26	28	27	27
	Low		20/22*1	22	22	24	25	25	24
	Quiet		-	21	21	22	22	23	21
Net Dimensions (H × W × D)	mm		198 × 700 × 620			198 × 900 × 620	198 × 1,100 × 620		
Weight	kg(lbs)	mm	17 (37)	18 (40)	18 (40)	22 (48)	26 (57)		
Connection pipe diameter	Liquid (Flare)		6.35			9.52			
	Gas (Flare)		9.52			12.70			
Drain hose diameter (I.D./O.D.)	mm		25/32			15.88			

Note : Specifications are based on the following conditions.

Cool

Compact Floor

Model name			AGYA004GCEH	AGYA007GCEH	AGYA009GCEH	AGYA012GCEH	AGYA014GCEH	AGYE004GCEH	AGYE007GCEH	AGYE009GCEH	AGYE012GCEH	AGYE014GCEH	
			Single-phase, ~230V, 50Hz										
Power source	Cooling	kW	1.1	2.2	2.8	3.6	4.0	1.1	2.2	2.8	3.6	4.0	
Capacity	Heating		1.3	2.8	3.2	4.0	4.5	1.3	2.8	3.2	4.0	4.5	
Input power		W	12 / 14	16	17	22	29	12 / 14	16	17	22	29	
	High		380 / 430	470	500	590	670	380 / 430	470	500	590	670	
	Med-H		350	420	450	520	590	350	420	450	520	590	
	Med		320	390	400	470	520	320	390	400	470	520	
	Med-L		310	360	360	420	450	310	360	360	420	450	
	Low		280	330	330	390	390	280	330	330	390	390	
	Quiet		210	270	270	340	340	210	270	270	340	340	
	High		35 / 36	37	38	42	46	35 / 36	37	38	42	46	
	Med-H		33	35	36	39	42	33	35	36	39	42	
	Med		31	33	34	37	39	31	33	34	37	39	
	Med-L		30	31	31	35	36	30	31	31	35	36	
	Low		28	29	29	33	33	28	29	29	33	33	
	Quiet		22	22	22	30	30	22	22	22	30	30	
Net Dimensions (H x W x D)		mm	600 x 740 x 200				600 x 740 x 200						
Weight		kg(lbs)	15 (33)	15 (33)	15 (33)	15 (33)	15 (33)	14.5 (32)	14.5 (32)	14.5 (32)	14.5 (32)		
Connection	Liquid (Flare)		6.35				6.35				6.35		
pipe diameter	Gas (Flare)	mm	9.52				12.70				9.52		
Drain hose diameter (I.D./O.D.)			13.8/15.8 to16.7				13.8/15.8 to16.7				13.8/15.8 to16.7		
EV Kit (option)			-				UTR-EV09XB				UTR-EV14XB		

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. Voltage : 230 [V].
 When AGY*004GCEH, AGY*007GCEH, and AGY*009GCEH are connected to the outdoor unit other than J-IIIL, gas pipe diameter should be Ø12.70.

Floor/Ceiling

Model name			ABYA012GTEH	ABYA014GTEH	ABYA018GTEH	ABYA024GTEH
			Single-phase, ~230V, 50Hz			
Power source	Cooling	kW	3.6	4.5	5.6	7.1
Capacity	Heating		4.0	5.0	6.3	8.0
Input power		W	30	42	74	99
	High		660	780	1,000	1,000
	Med-High		620	740	910	930
	Med		580	690	830	870
	Med-Low		550	640	750	800
	Low		520	600	660	740
	Quiet		490	550	580	680
	High		36	40	46	47
	Med-High		34	39	44	45
	Med		33	38	42	43
	Med-Low		31	36	40	41
	Low		29	35	37	39
	Quiet		28	34	35	37
Net Dimensions (H x W x D)		mm	199 x 990 x 655			
Weight		kg(lbs)	25 (55)	26 (57)	26 (57)	27 (59)
Connection	Liquid (Flare)		6.35			
pipe diameter	Gas (Flare)	mm	12.70			
Drain hose diameter (I.D./O.D.)			25/32			

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. Voltage : 230 [V].

Ceiling

Model name			ABYA030GTEH	ABYA036GTEH	ABYA045GTEH	ABYA054GTEH			
			Single-phase, ~230V, 50Hz						
Power source	Cooling	kW	9.0	11.2	12.5	14.0			
Capacity	Heating		10.0	12.5	14.0	16.0			
Input power		W	66	85	131	180			
	High		1,630	1,690	2,010	2,270			
	Med-High		1,520	1,560	1,840	2,070			
	Med		1,420	1,450	1,690	1,860			
	Med-Low		1,320	1,360	1,530	1,660			
	Low		1,220	1,270	1,380	1,470			
	Quiet		1,140	1,170	1,230	1,280			
	High		42	45	48	51			
	Med-High		40	41	46	49			
	Med		39	39	45	46			
	Med-Low		37	38	41	43			
	Low		35	36	38	40			
	Quiet		33	34	35	36			
Net Dimensions (H x W x D)		mm	240 x 1,660 x 700						
Weight		kg(lbs)	46 (101)	48 (106)					
Connection	Liquid (Flare)		9.52						
pipe diameter	Gas (Flare)	mm	15.88						
Drain hose diameter (I.D./O.D.)			25/32						

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. Voltage : 230 [V].

Wall Mounted

Model name			ASYA004GTEH	ASYA007GTEH	ASYA009GTEH	ASYE004GTEH	ASYE007GTE
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