

## Light Commercial & Commercial, Residential VRF

VRF systems provide air conditioning solutions that meet the requirements of a diverse range of buildings.

VRF systems provide air conditioning solutions for large residences as well as large commercial buildings.

V-002 VRF series Overview  
V-004 VRF Outdoor Units Lineup  
V-006 Features

### VRF Outdoor Units



#### VRF J series Heat Pump for Small-capacity type

V-020 VRF J-VS  
V-026 VRF J-IVS  
V-030 VRF J-IV  
V-034 VRF J-IVL



#### VRF V series Heat Recovery Modular type

V-040 VRF VR-IV

#### Heat Pump Modular type

V-050 VRF V-IV

### VRF INDOOR UNITS

V-058 VRF Indoor Unit Lineup for J-VS  
V-066 VRF Indoor Unit Lineup for J-IVS, J-IV, J-IVL, VR-IV, V-IV

# VRF

Light Commercial  
& Commercial,  
Residential



FUJITSU GENERAL (Euro) GmbH  
participates in the ECP program for VRF.  
Check ongoing validity of certificate:  
[www.eurovent-certification.com](http://www.eurovent-certification.com)

**FUJITSU GENERAL LIMITED**

# VRF Series Overview

Recommended VRF products for various buildings



VRF

J-**VS**

Maximum **6 HP**

Heat Pump

REFRIGERANT

R32

This product uses R32, an environmentally friendly refrigerant. With TOP-class energy efficiency and compact design, it can be installed in a limited and narrow space without being conspicuous. Indoor unit connectable up to 130%.

- Sustainable(R32)
- Saving CO2
- Small Body
- Situational Piping Design
- Sightliness installation

Page

V-020

VRF

VR-**IV**

Maximum **48 HP**

Heat Recovery

REFRIGERANT

R410A

Smart, cutting-edge design  
Extensive lineup from 8 HP to 48 HP with the capacity ratio of indoor units connectable up to 150%.

- Simultaneous cooling and heating operation using a single refrigerant system
- Annual cooling operation
- Accommodating changes in temperature difference

Page

V-040

VRF

J-**IVS**

Maximum **6 HP**

Heat Pump

REFRIGERANT

R410A

The 998 mm compact design does not obstruct the view even when installed underneath a waist-high window, ideal for large houses and retail stores. Indoor unit connectable up to 130%.

- Spaces saving and low sound level design
- Flexible system configuration for homes, stores, and small buildings

Page

V-026

VRF

V-**IV**

Maximum **48 HP**

Heat Pump

REFRIGERANT

R410A

Smart, cutting-edge design  
Available in a wide range of models from 8 to 48 HP in 2 HP increments with the capacity ratio of indoor units connectable up to 150%.

- Excellent energy saving
- High design flexibility for placement in any building
- Easy installation and maintenance

Page

V-050

VRF

J-**IV**

Maximum **6 HP**

Heat Pump

REFRIGERANT

R410A

J-IV is connectable with up to 14 indoor units (Indoor unit connectable up to 150%) making it suitable for commercial facilities housing a number of small stores.

- High energy efficiency
- Flexible system configuration for small and midsize buildings

Page

V-030

VRF

J-**IVL**

Maximum **18 HP**

Heat Pump

REFRIGERANT

R410A

J-IVL is an outdoor unit with a slim design. Its flexibility in installation makes it ideal for midsize office buildings and hotels. With the newly added 14/16/18 HP models, up to 42 indoor units\* are connectable, making them ideal for hotels and educational facilities with many rooms.

- Slim Outdoor Unit
- Small room application
- Class-leading Low Operating Sound

Page




























































































V-034

Design Simulator

When installing air conditioning equipment in each room of a building, it is necessary to select an indoor unit suitable for the heat load in the room and derive an outdoor unit that can cover the capacity of all indoor units. In addition, remote controls and converters are selected according to how the customer will manage the air conditioner, and in some cases, a design combined with options may be required to comply with established standards. The “Design Simulator” can be used to facilitate the selection of such complex equipment and the output of system drawings and estimates. (Software for PC)

For more information

VRF Outdoor Units Lineup

Capacity (kW)		Refrigerant	12.1	14.0	15.1-15.5	22.4	28.0	33.5	40.0	45.0	50.0-50.4	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
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
J-VS series			 AJY040 KCTAH, AJY040 KFTAH	 AJY045 KCTAH, AJY045 KFTAH	 AJY054 KCTAH, AJY054 KFTAH																						
J-IVS series			 AJY040 LCLDH	 AJY045 LCLDH	 AJY054 LCLDH																						
J-IV series			 AJY040 LBLDH, AJY040 LELDH	 AJY045 LBLDH, AJY045 LELDH	 AJY054 LBLDH, AJY054 LELDH																						
J-IVL series						 AJY072 LELDH	 AJY090 LELDH	 AJY108 LELDH	 AJY126 LELDH	 AJY144 LELDH	 AJY162 LELDH																
VR-IV series Heat Recovery	Space Saving					 AJY072 GALDH	 AJY090 GALDH	 AJY108 GALDH	 AJY126 GALDH	 AJY144 GALDH	 AJY162 GALDH	 AJY180 GALDH	 AJY198 GALDH	 AJY216 GALDH	 AJY234 GALDH	 AJY252 GALDH	 AJY270 GALDH	 AJY288 GALDH	 AJY306 GALDH	 AJY324 GALDH	 AJY342 GALDH	 AJY360 GALDH	 AJY378 GALDH	 AJY396 GALDH	 AJY414 GALDH	 AJY432 GALDH	
	Set Model																										
	Energy Efficiency									 AJY144 GALDHH			 AJY198 GALDHH	 AJY216 GALDHH	 AJY234 GALDHH	 AJY252 GALDHH	 AJY270 GALDHH	 AJY288 GALDHH	 AJY306 GALDHH	 AJY324 GALDHH	 AJY342 GALDHH	 AJY360 GALDHH	 AJY378 GALDHH	 AJY396 GALDHH			
	Set Model																										
V-IV series Heat Pump	Space Saving					 AJY072 LALDH	 AJY090 LALDH	 AJY108 LALDH	 AJY126 LALDH	 AJY144 LALDH	 AJY162 LALDH	 AJY180 LALDH	 AJY198 LALDH	 AJY216 LALDH	 AJY234 LALDH	 AJY252 LALDH	 AJY270 LALDH	 AJY288 LALDH	 AJY306 LALDH	 AJY324 LALDH	 AJY342 LALDH	 AJY360 LALDH	 AJY378 LALDH	 AJY396 LALDH	 AJY414 LALDH	 AJY432 LALDH	
	Set Model																										
	Energy Efficiency									 AJY144 LALDHH		 AJY180 LALDHH	 AJY216 LALDHH	 AJY234 LALDHH	 AJY252 LALDHH	 AJY270 LALDHH	 AJY288 LALDHH	 AJY306 LALDHH	 AJY324 LALDHH	 AJY342 LALDHH	 AJY360 LALDHH	 AJY378 LALDHH	 AJY396 LALDHH				
	Set Model																										

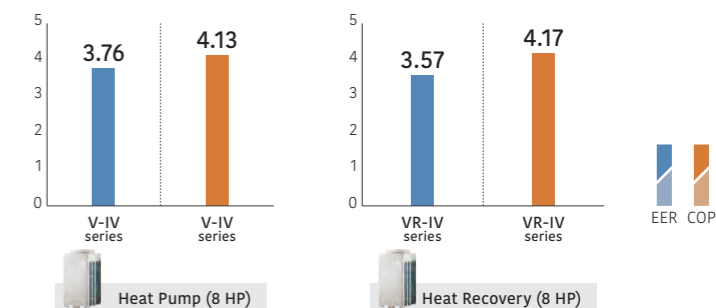
# Features

## High-Efficiency

High-efficiency is achieved significantly by the use of a DC twin-rotary compressor, inverter technology, and a large heat exchanger.



DC twin-rotary compressor

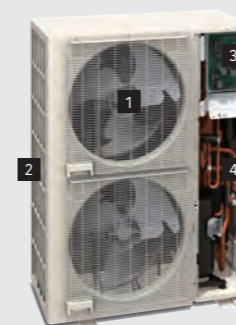


\* These specifications are determined by ducted combination.

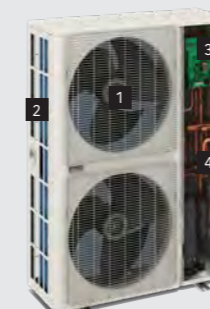


### High-Efficiency Design with Top-Class SEER/SCOP

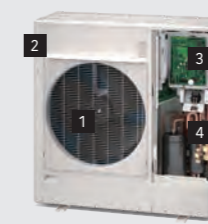
All the VRF series, including the J-IVL series, have DC technology to achieve high-efficiency operation. This enhances the durability and reliability of the VRF series.



J-IVL series



J-IV series



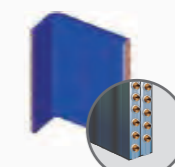
J-IVS series



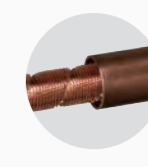
1 DC fan motor



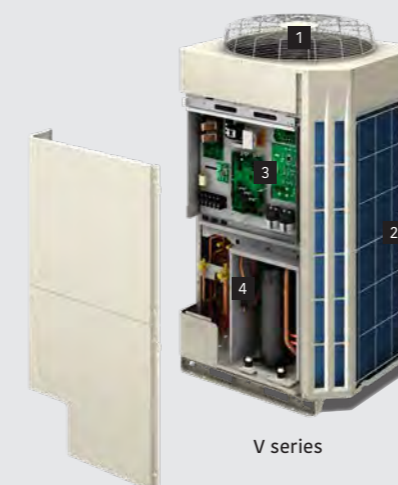
3 DC inverter control



2 Large heat exchanger



4 Subcooling heat exchanger



V series



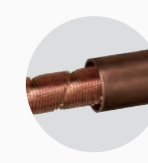
1 3-phase DC fan motor



3 Sine-wave DC inverter control



2 Large heat exchanger

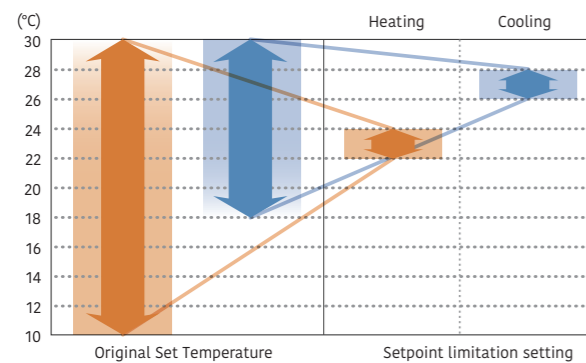


4 Subcooling heat exchanger

## Efficient Control of Operation

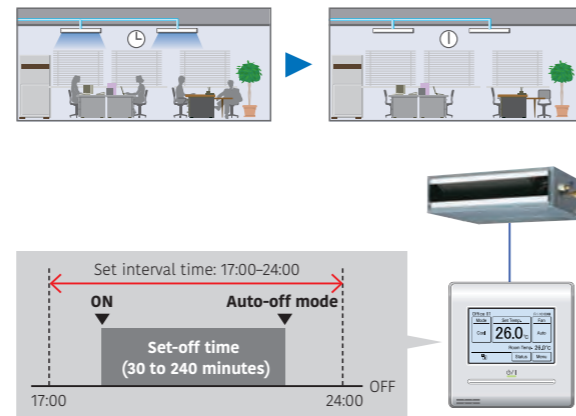
### Setting Temperature Range Limitation

Sets the minimum and maximum limits on room temperature to establish an optimum balance between energy-saving performance and a comfortable environment.



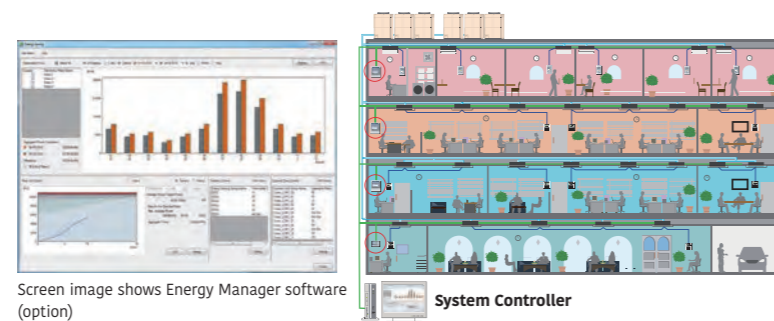
### Auto-Off Timer

The wired remote controller is equipped with an auto-off timer function that automatically stops operation after a fixed period of time has elapsed from the start of operation to avoid wasting energy. The function also allows you to set the interval for stopping operations.



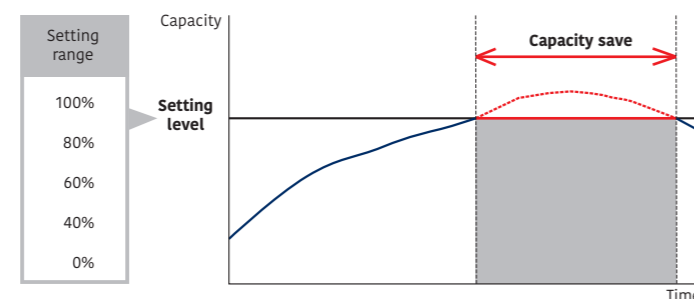
### Energy-Saving Management

A variety of energy-saving operations can be set and managed depending on the season, climate, and time period. Excellent energy-saving operation using the system controller.



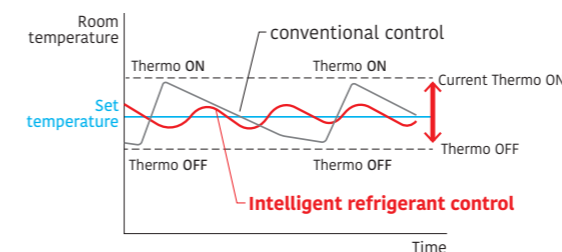
### Capacity-Saving Mode

Operation capacity can be reduced in 5 steps from the rated capacity. This mode cuts down on peak power consumption and eases the maximum load on the unit.

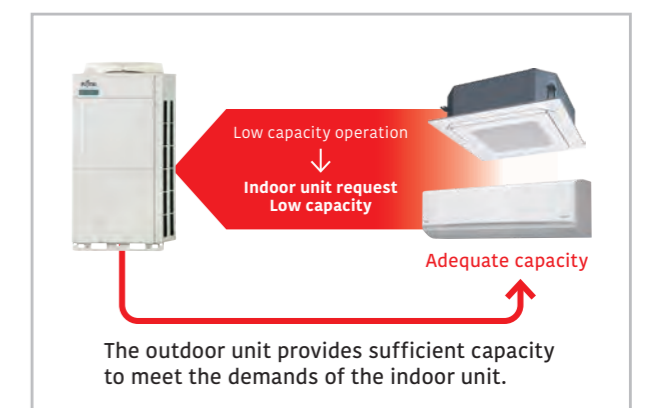


### Intelligent Refrigerant Control

Fujitsu General is proposing outdoor units equipped with refrigerant control function. The refrigerant control operates with subtle control corresponding to the heat load of the room and offers a more comfortable environment. The refrigerant control can also provide increased energy savings.



The thermostat is turned on and off less frequently than under conventional control to maintain the room temperature at the target temperature. Compared to conventional control, the compressor will run longer, thus saving energy.



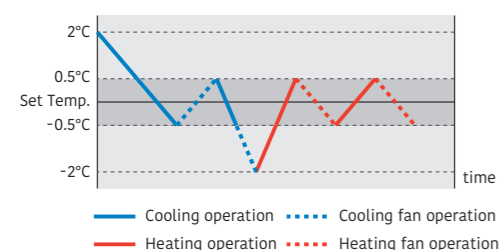
\* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

# More Comfort



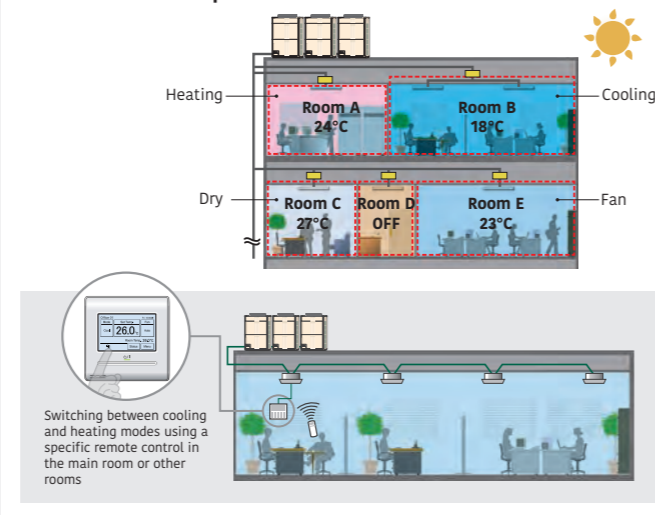
## Auto Changeover

In Auto setting, the air conditioner switches between cooling and heating modes automatically according to the set temperature and the room temperature.



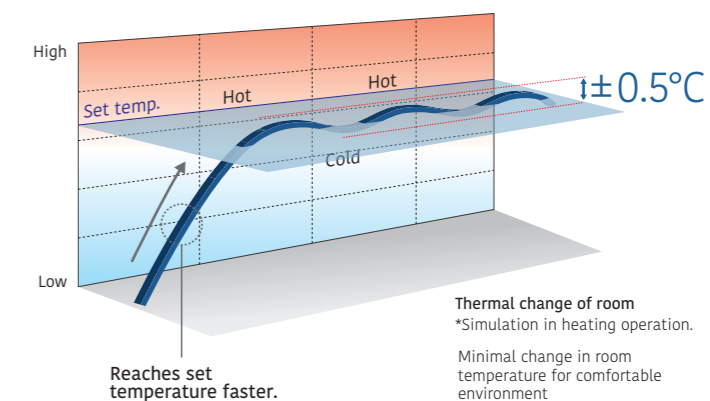
Auto changeover settings enable the indoor unit to easily switch between cooling and heating regardless of the operating mode of other indoor units. These settings can be made using a wired remote controller for a specific indoor unit. Provides a comfortable environment all year round.

## Automatic cooling/heating operation for each room is possible



## Precise Control of Refrigerant Flow

The combination of DC inverter control and individual control of electronic expansion valves of an indoor unit enables precise and smooth control of the refrigerant flow. This means the room temperature can be set in increments of 0.5°C.

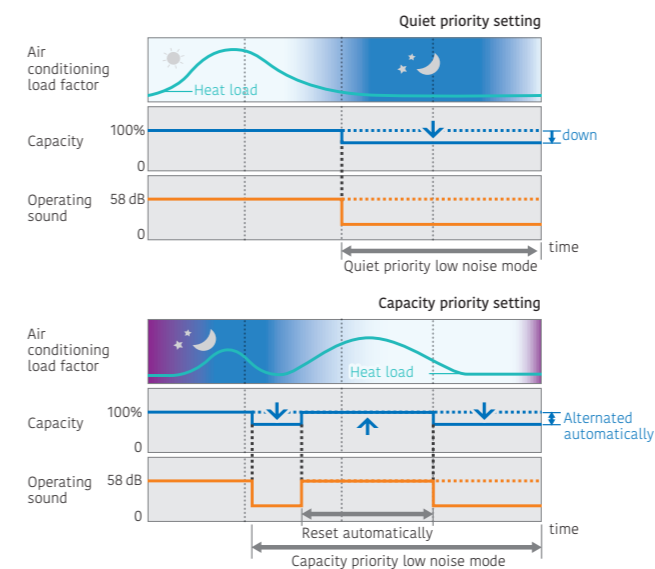


## Quiet Operation



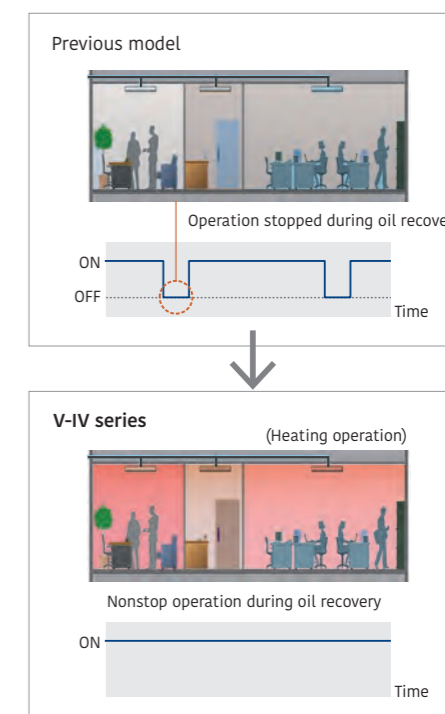
### Quiet Operation

Two low noise modes can be switched over automatically between one in which low noise is prioritized over performance, and the other in which performance is prioritized over low noise, depending on the room temperature and outdoor temperature. This feature can be controlled by external input from the outdoor unit or a system controller.



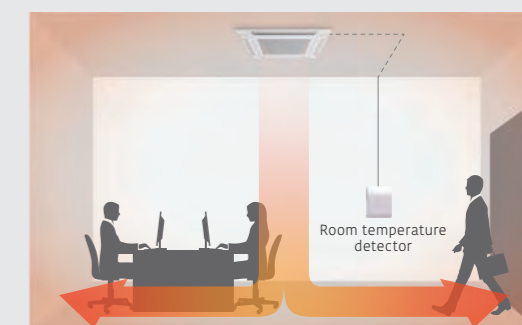
## Non-Stop Oil Recovery Operation

A comfortable room condition is maintained during oil recovery mode because the product continues to operate without stopping the cooling or heating operation.



## Switching Room Temperature Sensing Position for Improved Heating Comfort (Option)

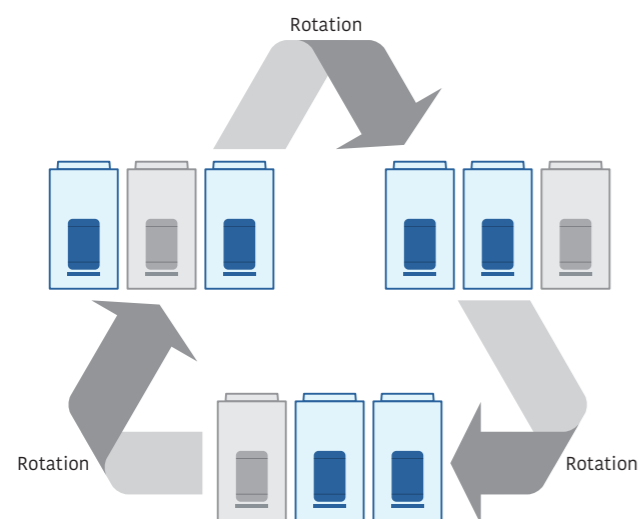
The optional Remote Sensor Kit (UTY-XSZXZ1) can be connected to the indoor unit to improve comfort by installing the unit at a height appropriate for the living environment.



# High Reliability

## Outdoor Unit Rotation

The compressor starting order is rotated to equalize the cumulative running time of each unit.

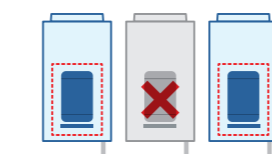


The start and stop timings are alternated among connected compressors.

## Backup Operation

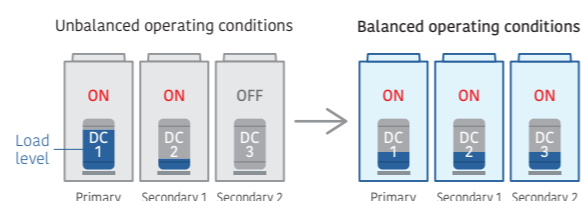
If one compressor fails, the other compressors will initiate backup operation\*.

Note: Backup operation may not be possible depending on the cause of failure.



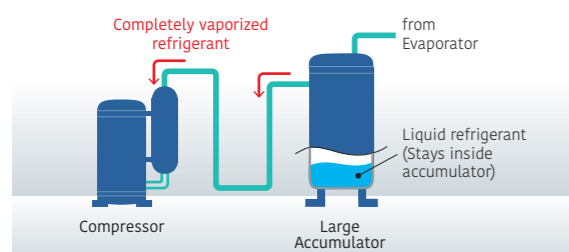
## Advanced Refrigerant Control

Compressor control logic controls the inverter speed to balance the mass airflow rate of refrigerant in each outdoor unit.



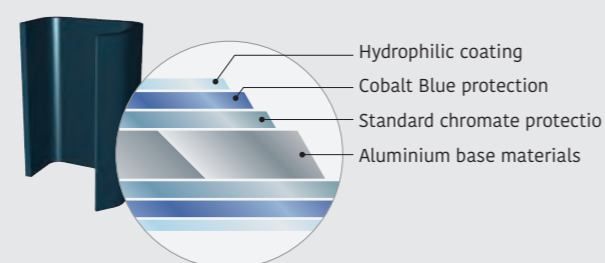
## Protection Against Liquid Flowback

The use of a large accumulator means that refrigerant that has not been completely vaporized stays inside the accumulator to ensure no liquid refrigerant is fed into the compressor.



## Blue Fin Heat Exchanger

The anti-corrosion blue fin treatment is applied to the heat exchanger of the outdoor unit.



# Design Flexibility

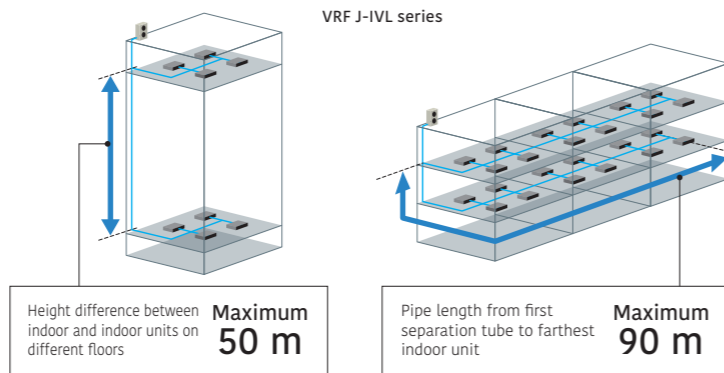
## Class-Leading Compact Design

An industry-leading compact outdoor unit with optimal airflow pattern design. (Up to 18 HP)



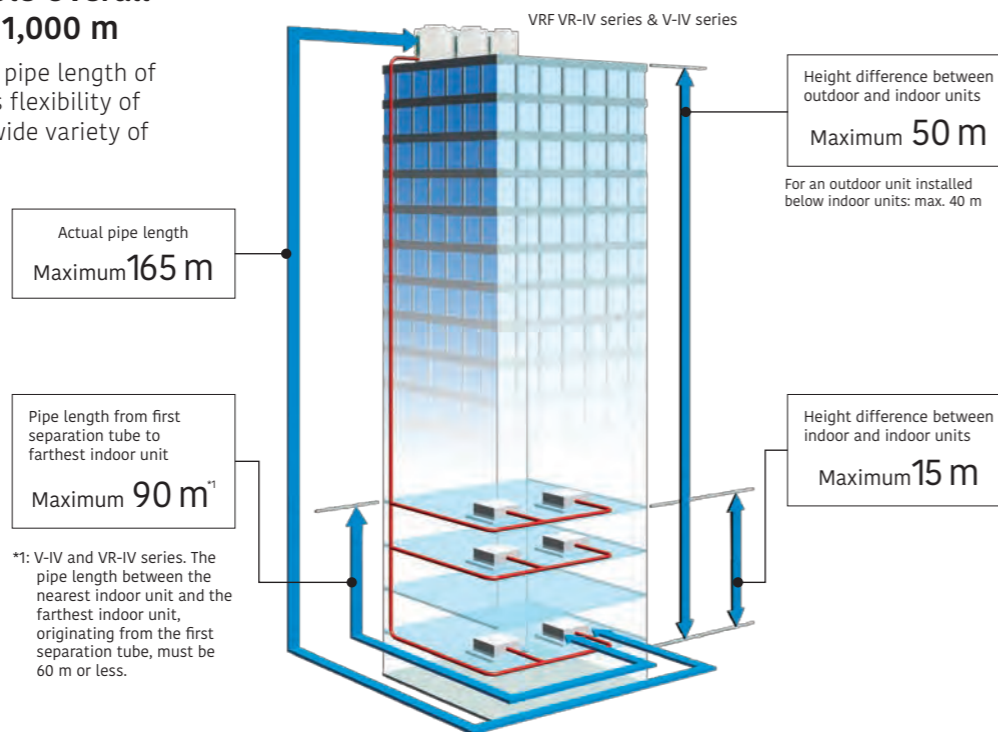
## Long Pipe Design

Pipe design suitable for long and narrow office buildings with elevation differences and low-rise stores with long distances (VRF J-IVL series)



## Max. Allowable Overall Pipe Length: 1,000 m

The class-leading pipe length of 1,000 m increases flexibility of installation in a wide variety of buildings.



## High-Capacity Connection

Series		Connectable indoor unit capacity range	Connectable indoor units
	VRF J-VS series Heat pump type	50% to 130%	up to 13 <sup>*2</sup>
	VRF J-IVS series Heat pump type	50% to 130%	up to 13 <sup>*2</sup>
	VRF J-IV series Heat pump type	50% to 150%	up to 14 <sup>*2</sup>
	VRF J-IVL series 8/10/12 HP Heat pump type	50% to 150%	up to 30 <sup>*3</sup>
	VRF J-IVL series 14/16/18 HP Heat pump type	50% to 150%	up to 42 <sup>*4</sup>
	VRF VR-IV series Heat Recovery Modular type	25% <sup>*5</sup> to 150%	up to 64
	VRF V-IV series Heat Pump Modular type	50% to 150%	up to 64

\*2: 6HP only.  
\*3: 12HP only.  
\*4: 18HP only.  
\*5: For modular type, 25% to 49.9% operation in the entire system is available. (by one unit operation)

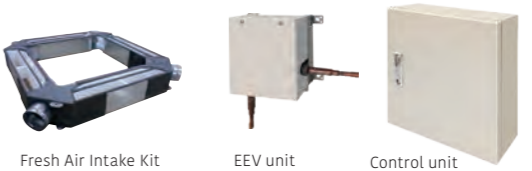
## Designed for Low Refrigerant Charge

The optimal design of the indoor and outdoor units reduces the amount of refrigerant required and can be easily installed in a room as small as 15 m<sup>2</sup>.



## Various Optional Parts

- Fresh Air Intake Kit to bring in fresh air
- Comfortable temperature control with a remote sensor
- DX Kit links ventilation equipment and air handling units.



## Low Ambient Operation

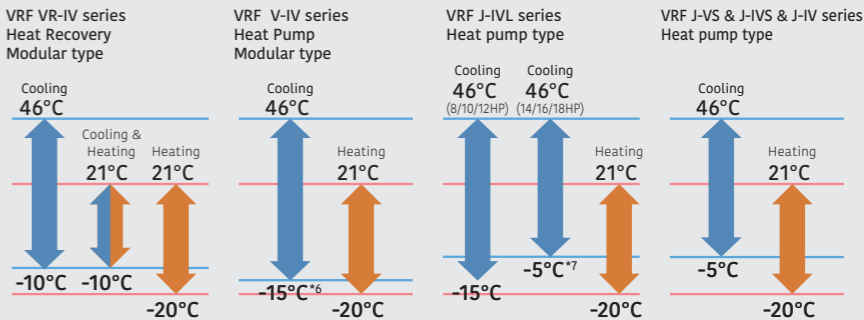
Our refrigeration cycle technology enables cooling operation even at -15°C.



## Wide Operating Temperature Range

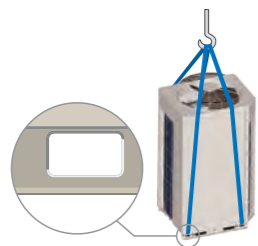
All outdoor units have a wide operating temperature range and can operate in extreme temperature conditions.

\*6: When multiple outdoor units are connected, their operating temperature range is from -5°C to 46°C in cooling.  
\*7: The operating range is -15°C to 46°C only for systems with all indoor units rated at 5.6 kW or more.

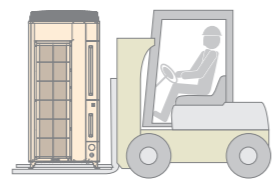


## Easy Installation

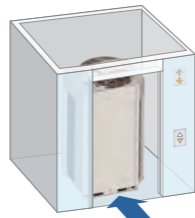
### Easily Transported



A lifting strap can be hooked onto an outdoor unit. Design of outdoor unit allows for lifting straps to be used.



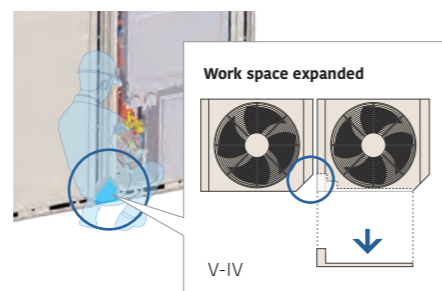
Transportable by forklift. The outdoor unit can be lifted and transported by forklift.



Fits into a small elevator.

### Easy Access

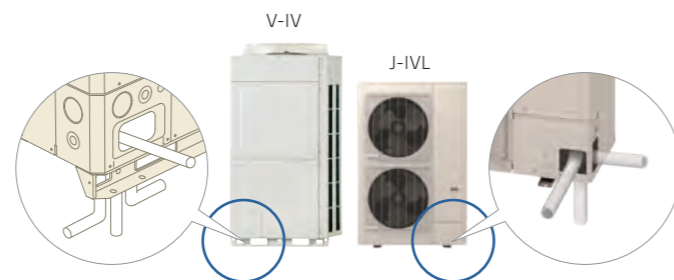
The removable L-shaped front panel provides more room for installation and service work. Multiple installations can be performed easily and efficiently even in tight spaces.



Front access reduces installation intervals.

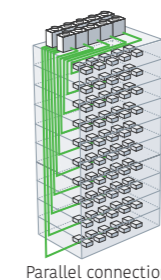
### Flexible Pipe Connection

Pipe and wire can be accessed from the front, left, right, and bottom.

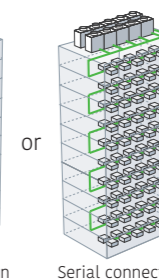


### Simplified Wiring Work

The communication wiring can be installed seamlessly among indoor, outdoor, and RB units, which makes the installation of the wiring system easier.



Parallel connection



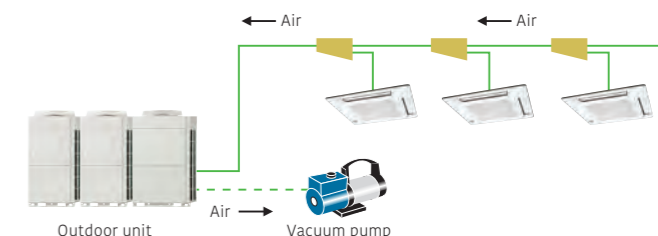
Serial connection

Maximum wire length:  
**3,600 m**

Note: The automatic address setting is not available on a serially connected multiple refrigerant system.

### Vacuum Mode Function for Easy Evacuation

The vacuum mode function enables all expansion valves of an indoor unit to be opened fully, allowing for easier evacuation of air inside pipe lines and indoor units.

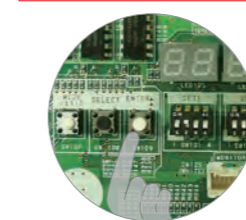


### Automatic Address Setting

Addresses of connected indoor units, RB units, and Signal amplifier can all be set automatically from the PCB in the outdoor unit.

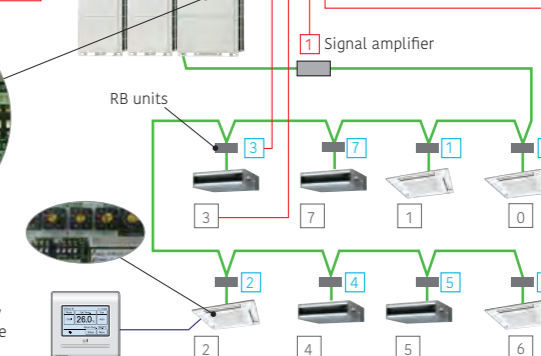
Address is set automatically by the outdoor unit.

Address is automatically distributed from the outdoor unit.



Press the push button on the outdoor unit.

Addresses can be set manually from an indoor unit or a remote controller.



## Easy Commissioning with Tools

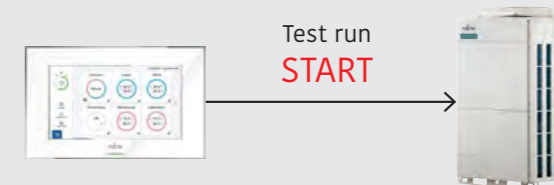
### • Service Tool (UTY-ASGXZ1)

The Service Tool checks the refrigerant temperature and pressure, and the operating status of the electronic expansion valves, making it easy to determine if the units are connected properly.



### • Central Remote Controller (UTY-DCGGZ3)

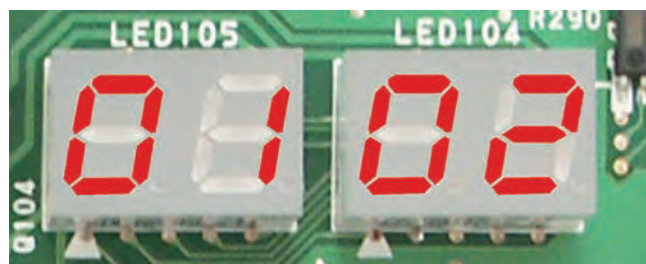
After the VRF system has been installed. Conveniently, the "test run" required to verify proper system operation can be performed from a nearby Central RC.



# Easy Service and Maintenance

## Designed for Easy Maintenance

A 7-segment indicator lamp panel provides detailed information on the function setting status, refrigerant temperature and pressure, compressor operation time, and other factors, facilitating self-diagnosis for each unit.

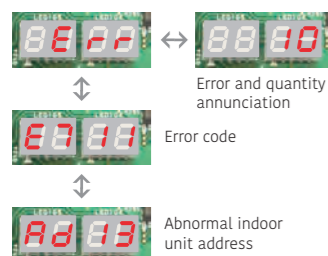


### Easy-to-read 7-segment indicator lamp

Shows the following detailed operation and error status without need of any others tools.

### Error status can be checked on an outdoor unit's display

- System operation mode
- Discharge temperature and pressure
- Compressor operation status
- Address, type, and number of outdoor unit



- Error status can easily be checked on an outdoor unit's display.

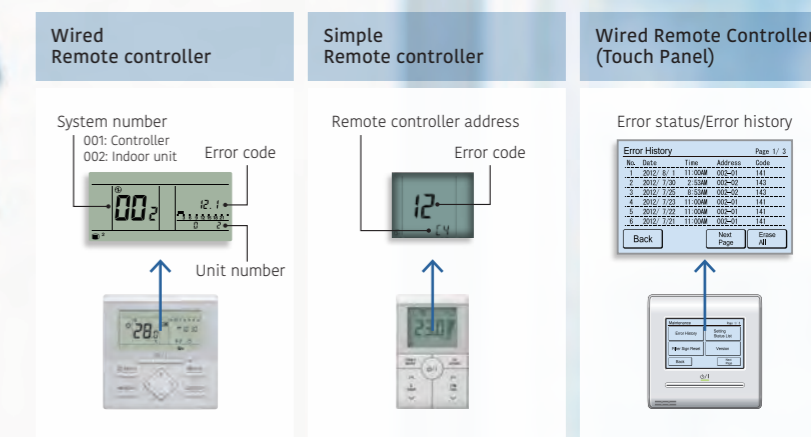
### Movable PCB panel

Enables easier access behind the PCB for maintenance work.



## The Error Status can be Checked Via a Wired Remote Controller for Indoor Units.

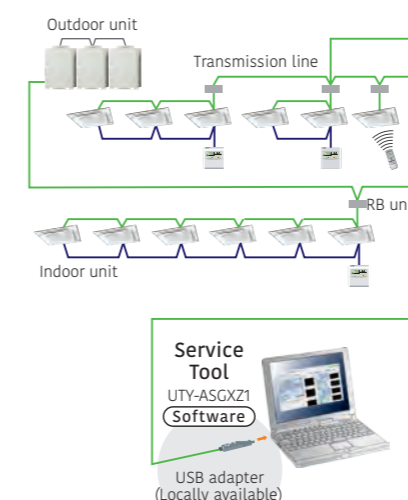
Error codes are displayed on an LCD screen.



## Error Diagnosis by Service Tool

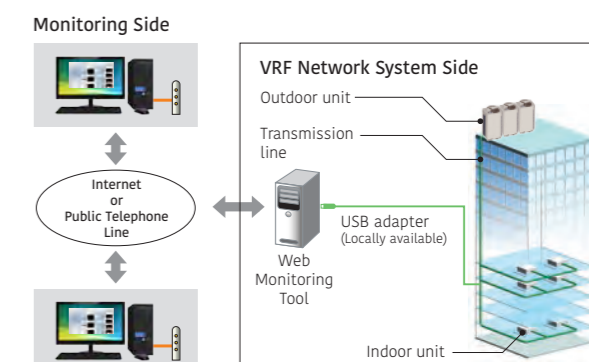
### Connection to Service tool

- A detailed operation status and recent error history can be checked and analyzed using Service tool.
- The last 5 minutes of operation status can be recorded continuously.



## Remote Monitoring

The Web Monitoring system enables the monitoring of the system's operation status at any time via the internet to ensure trouble-free operation. The operating VRF network system in the building can be monitored real time over the internet.





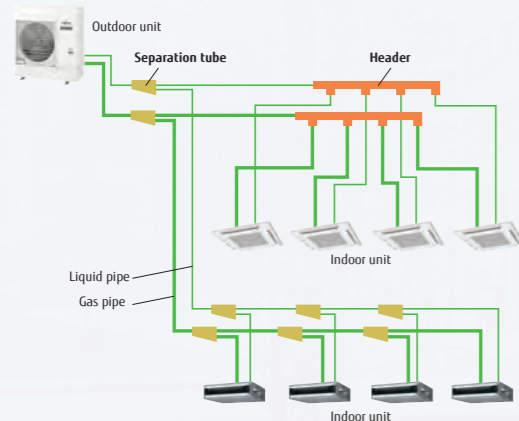
## Heat Pump

for Small-capacity type

VRF **J-VS**

### System configuration example

- Suitable for air conditioning small and medium-size buildings. One refrigerant system is used for each outdoor unit.
- Multiple indoor units are connected with separation tubes and headers.



This product uses R32, an environmentally friendly refrigerant. With TOP-class energy efficiency and compact design, it can be installed in a limited and narrow space without being conspicuous.

for **SHOP**

for **LARGE APARTMENT**

for **OFFICE**

Saving CO<sub>2</sub>

Sustainable  
(R32)

Small Body

“5S” Leading  
to the Optimal  
Solution

Situational  
Piping Design

Sightliness  
installation



Outdoor unit

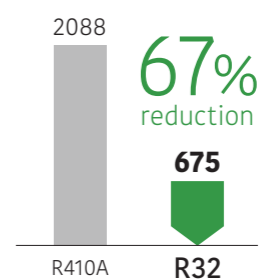


### R32 Refrigerant with Reduced Global Warming Potential

- High environmental properties
- High performance
- Economically efficient

GWP<sup>\*1</sup>

(Reference: IPCC 4th Report)



<sup>\*1</sup> GWP (Global Warming Potential): a measurement that indicates how much other greenhouse gases are capable of warming the Earth based on carbon dioxide. This is the integrated value of radiant energy given to the Earth (i.e., the estimated impact on global warming) expressed as a ratio to CO<sub>2</sub>.

## Sustainable

### European F-Gas Regulation Plan

The European Union has tightened F-gas rules as part of European Green Deal policy, which aims for Europe climate neutral by 2050. The F-gas Regulation mainly includes

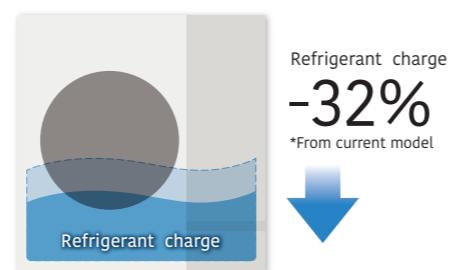
- (1) Reducing the total volume of HFCs and phasing out HFC in 2050.
- (2) The GWP limits for certain products are required to be strengthened.

Fujitsu General as one of its proactive efforts to preserve the global environment, we are working on technological development to achieve the best balance between refrigerants with lower GWP and energy efficiency of equipment adopting safety measures.

2029	Available at J-VS	2033	2035	2050
Split AC & HP Over 12 kW: GWP 750 and above prohibited 12 kW or less: GWP 150 and above prohibited		Split AC & HP Over 12 kW: GWP 150 and above prohibited	Split AC & HP HFC use prohibited	an economy with net-zero greenhouse gas emissions.

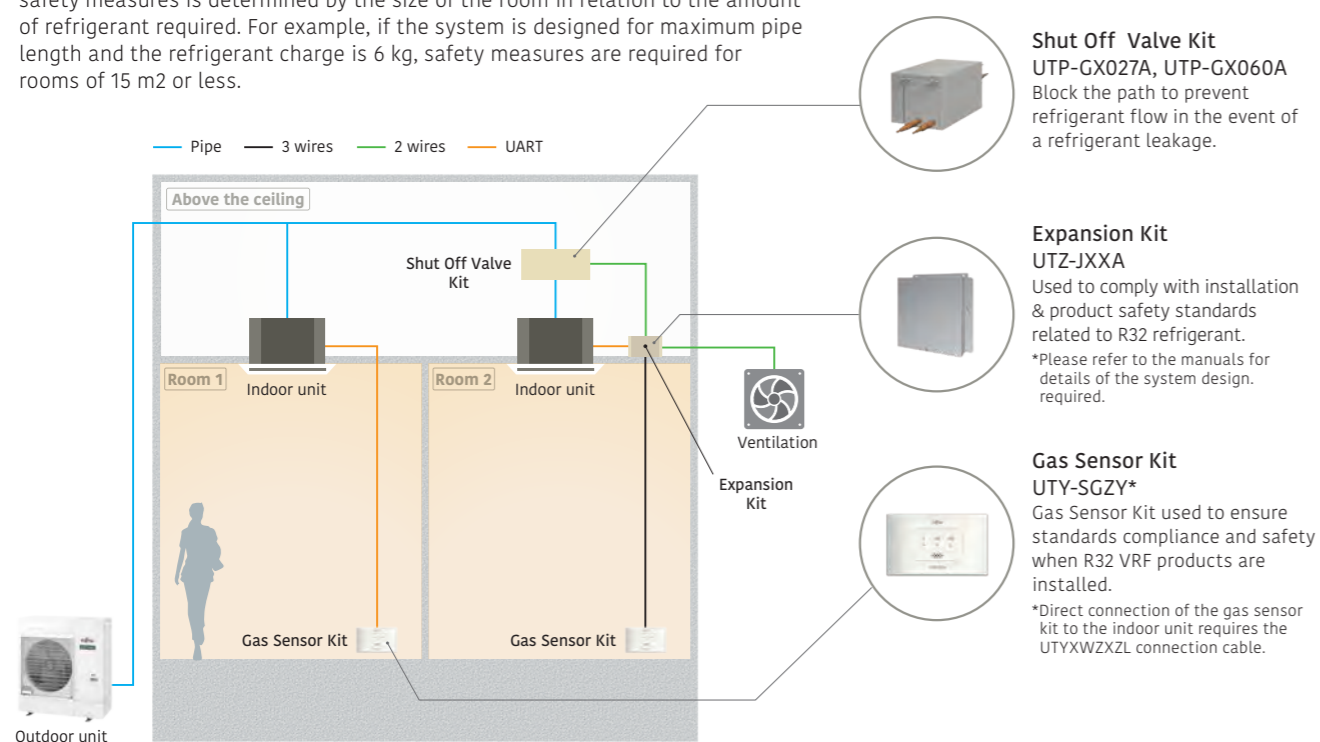
### Refrigerant Saving Design

Compact indoor unit, pipe design, and optimization of heat exchanger volume significantly reduce the system refrigerant volume.



### Enhanced Disaster Safety Measures

The system is designed to meet the environmental safety requirements specified in the IEC 603352-40 standard for the use of R32 refrigerant. The environment requiring safety measures is determined by the size of the room in relation to the amount of refrigerant required. For example, if the system is designed for maximum pipe length and the refrigerant charge is 6 kg, safety measures are required for rooms of 15 m<sup>2</sup> or less.



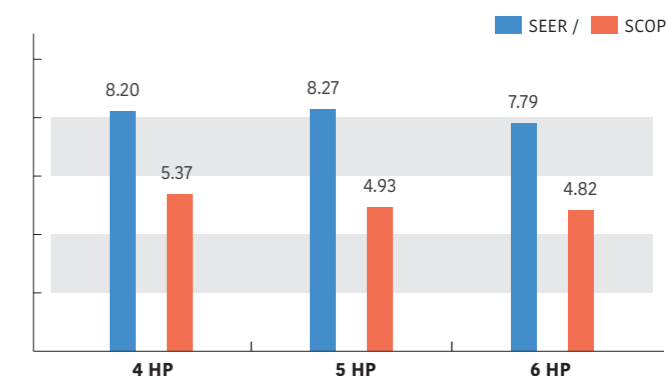
## Saving CO<sub>2</sub>

### TOP Class High Energy Saving

The use of large heat exchanger and a high-efficiency Rotary compressor achieves class-leading SEER/SCOP in all models.

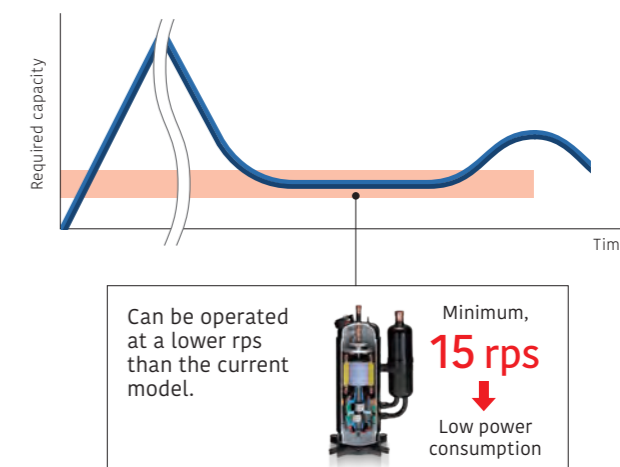
SEER  
**8.27**  
\*045 model

SCOP  
**5.37**  
\*040 model



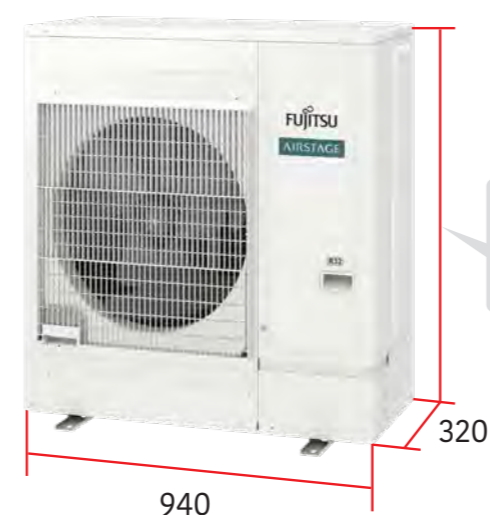
### More Energy-Saving Compressor Control

When the room temperature approaches the set temperature after the start of operation, the capacity required for the outdoor unit becomes lower. The minimum compressor speed at this time can now be controlled at a lower value than with conventional products, enabling more energy-efficient operation.



## Small Body

### Easy to Carry, Easy to Install



Light  
**74kg\***  
\*Single phase only

Height difference  
**998mm**

### Small, Lightweight Outdoor Unit

The outdoor units in this series are much more compact than conventional outdoor units of comparable capacity. They can be installed on a balcony, fitting below the height of the railing. With a height of less than 1 m, they can be installed in tight spaces such as under windows.



## V-025



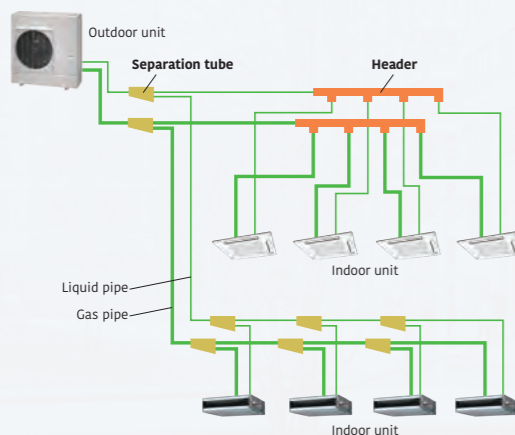
## Heat Pump

for Small-capacity type

VRF **J-IVS**

### System configuration example

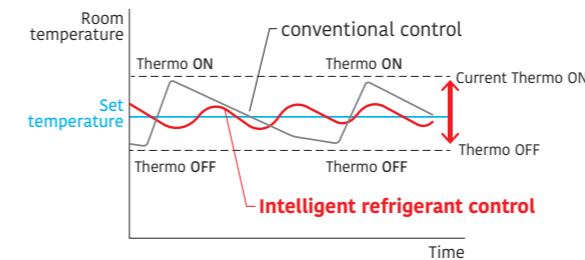
- Suitable for air conditioning small and medium-size buildings. One refrigerant system is used for each outdoor unit.
- Multiple indoor units are connected with separation tubes and headers.



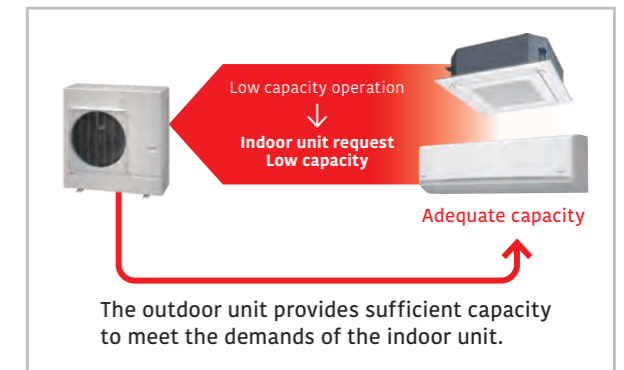
## Intelligent Refrigerant Control

Fujitsu General is proposing outdoor units equipped with refrigerant control function.

The refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The refrigerant control can also provide increased energy savings.



The thermostat is turned on and off less frequently than under conventional control to maintain the room temperature at the target temperature. Compared to conventional control, the compressor will run longer, thus saving energy.



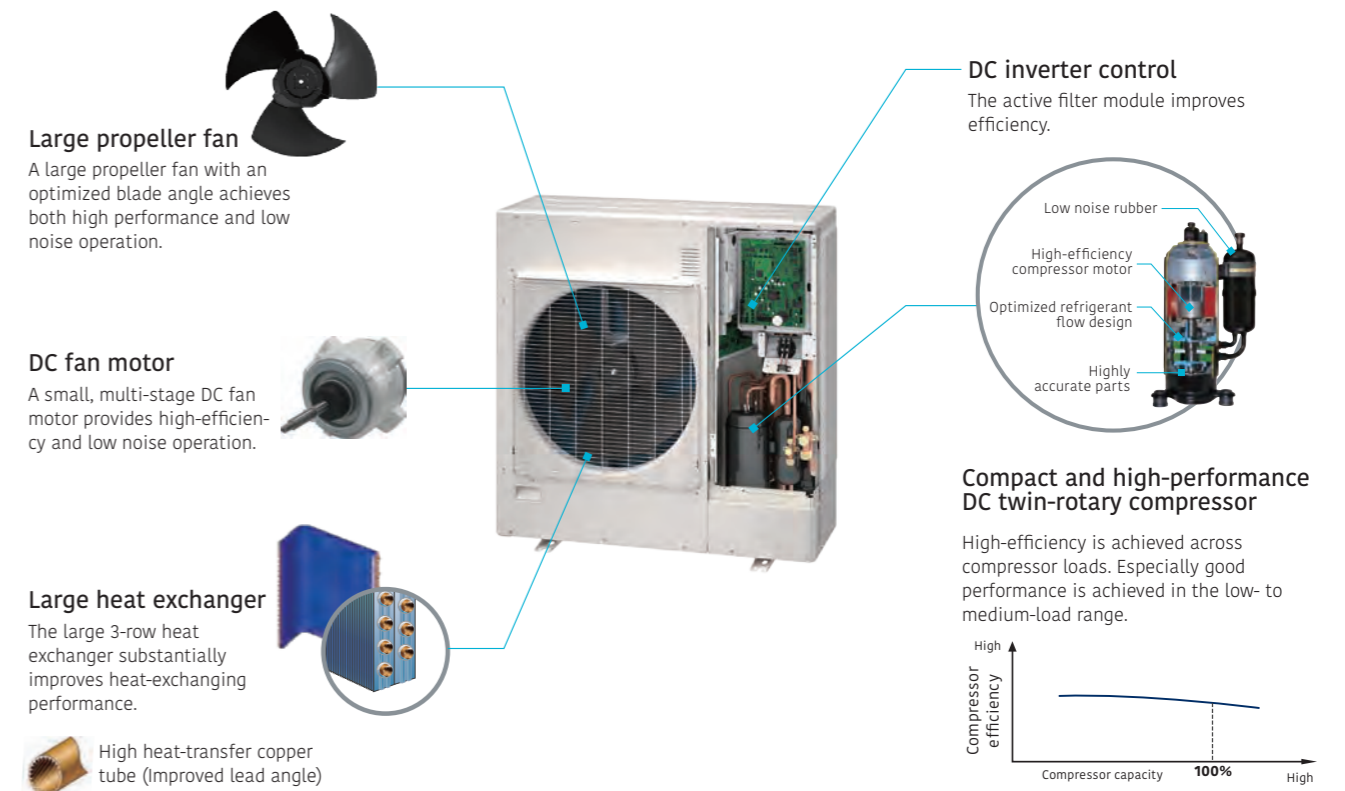
\* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

## External Static Pressure

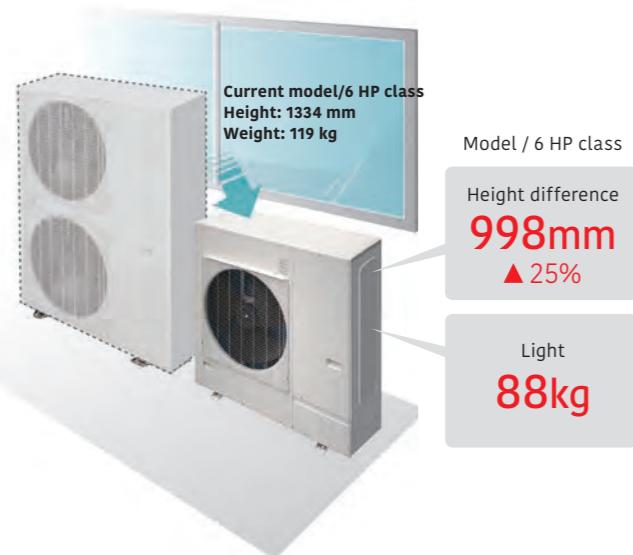
External static pressure measures up to 25 Pa for 4/5/6 HP models.



## Advanced High-Efficiency Technology



## Easy to Carry, Easy to Install



## Small, Lightweight Outdoor Unit

The outdoor units in this series are much more compact than conventional outdoor units of comparable capacity. They can be installed on a balcony, fitting below the height of the railing. With a height of less than 1 m, they can be installed in tight spaces such as under windows.



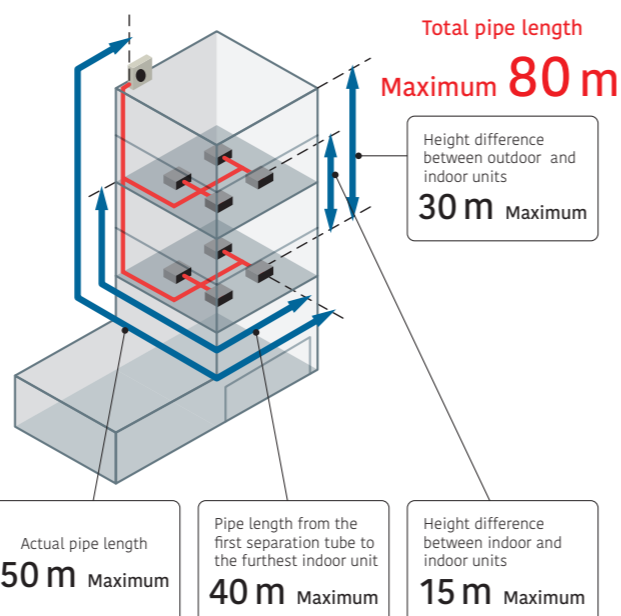
## Low Noise Design

Significantly low noise levels are achieved by the use of a DC twin-rotary compressor, inverter technology, and an advanced airflow pattern design.



## Long Pipe Length

Our advanced refrigerant control technology extends the maximum allowable length of refrigerant pipe to 80 m. This provides high flexibility in system design.



## Up to 13 Indoor Units\* can be Connected

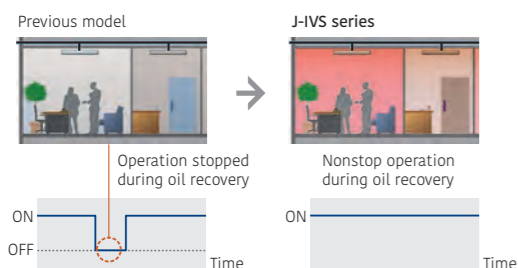
The combination of smaller but sufficiently powerful indoor units and a outdoor unit with an optimized heat exchanging structure makes it possible to connect up to 13 indoor units, which is the best in its class.

\*: 6 HP model

Model	J-IVS		
Rating Capacity range (HP)	4	5	6
Max. Connectable indoor unit	1-11	1-12	1-13

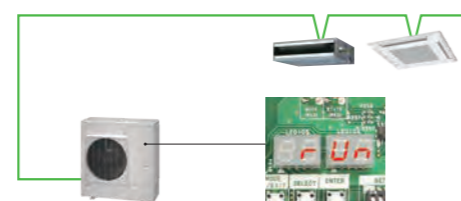
## Non-Stop Oil Recovery Operation

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:** Wiring connections and address settings can be checked thanks to the quick check run function.



- Displays the number of each connected indoor unit.
- Displays the duplicate address number assigned to an indoor unit.

## 4, 5, 6 HP: AJY040LCLDH / AJY045LCLDH / AJY054LCLDH

## Specifications

Rated capacity range		HP	4	5	6
Model name			AJY040LCLDH	AJY045LCLDH	AJY054LCLDH
Maximum connectable indoor units			1-11	1-12	1-13
Power source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	kW	12.1	14.0	15.1
	Nominal Heating		12.1	14.0	15.1
	Max. Heating		13.6	16.0	16.5
Input power	Cooling	kW	3.75	4.71	5.55
	Nominal Heating		3.22	3.77	4.33
	Max. Heating		3.99	5.04	5.32
EER	Cooling	W/W	3.22	2.97	2.72
COP	Nominal Heating		3.75	3.71	3.48
	Max. Heating		3.40	3.17	3.10
SEER	Cooling		5.83	5.58	5.47
SCOP	Heating		3.82	3.96	3.99
η <sub>C</sub>	Cooling	%	230.2	220.2	215.8
η <sub>h</sub>	Heating		149.8	155.4	156.6
Airflow rate		m³/h	4,240	4,400	4,400
Sound pressure level/ Power level	Cooling	dB(A)	53 / 67	53 / 69	54 / 70
	Heating		54 / 68	56 / 69	56 / 70
Heat exchanger fin			Blue fin	Blue fin	Blue fin
Net Dimensions	Height	mm	998	998	998
	Width		970	970	970
	Depth		370	370	370
Weight		kg	88	88	88
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg (CO2eq-T)	4.0 (8.4)	4.0 (8.4)	4.0 (8.4)
Connection pipe diameter	Liquid	mm	9.52	9.52	9.52
	Gas		15.88	15.88	15.88
Total pipe length		m	80	80	80
Max. height difference			30	30	30
Operating 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.

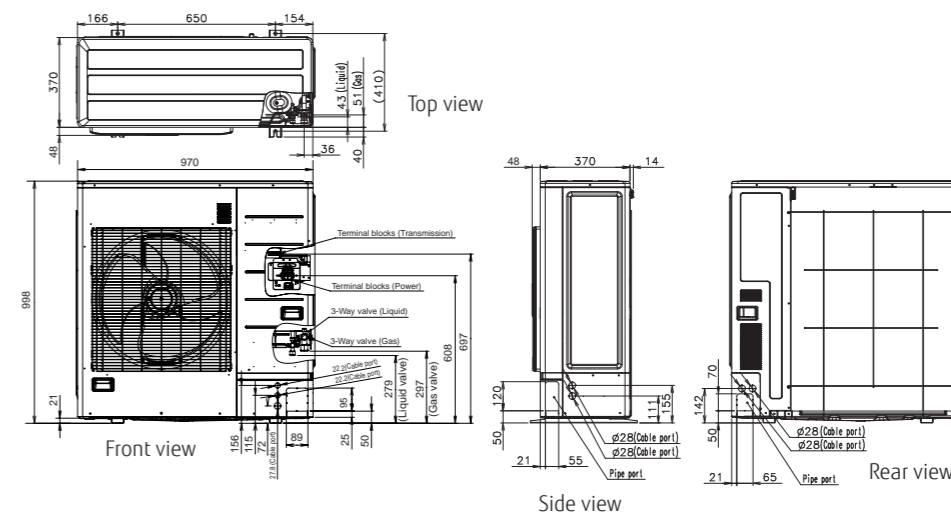
Heating: Indoor temperature of 20°CDB/(15°CWB), and outdoor temperature of 7°CDB/6°CWB.

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)





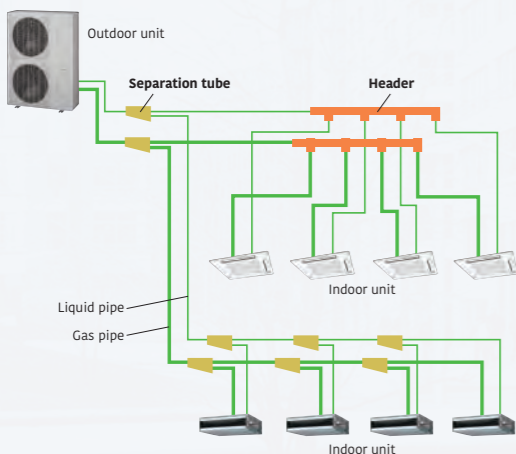
## Heat Pump

for Small-capacity type

VRF J-IV

### System configuration example

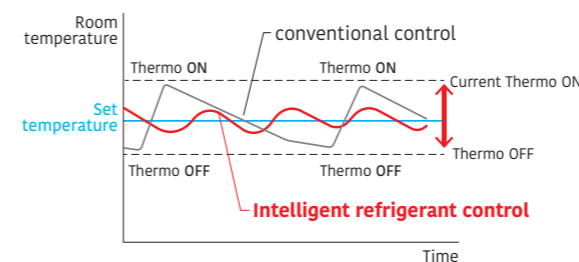
- Suitable for air conditioning small and medium-size buildings. One refrigerant system is used for each outdoor unit.
- Multiple indoor units are connected with separation tubes and headers.



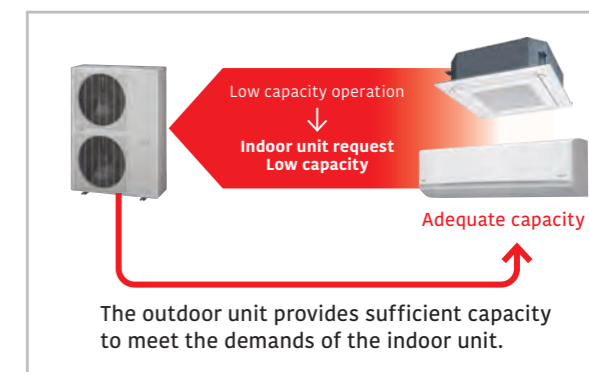
## Intelligent Refrigerant Control

Fujitsu General is proposing outdoor units equipped with refrigerant control function.

The refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The refrigerant control can also provide increased energy savings.



The thermostat is turned on and off less frequently than under conventional control to maintain the room temperature at the target temperature. Compared to conventional control, the compressor will run longer, thus saving energy.



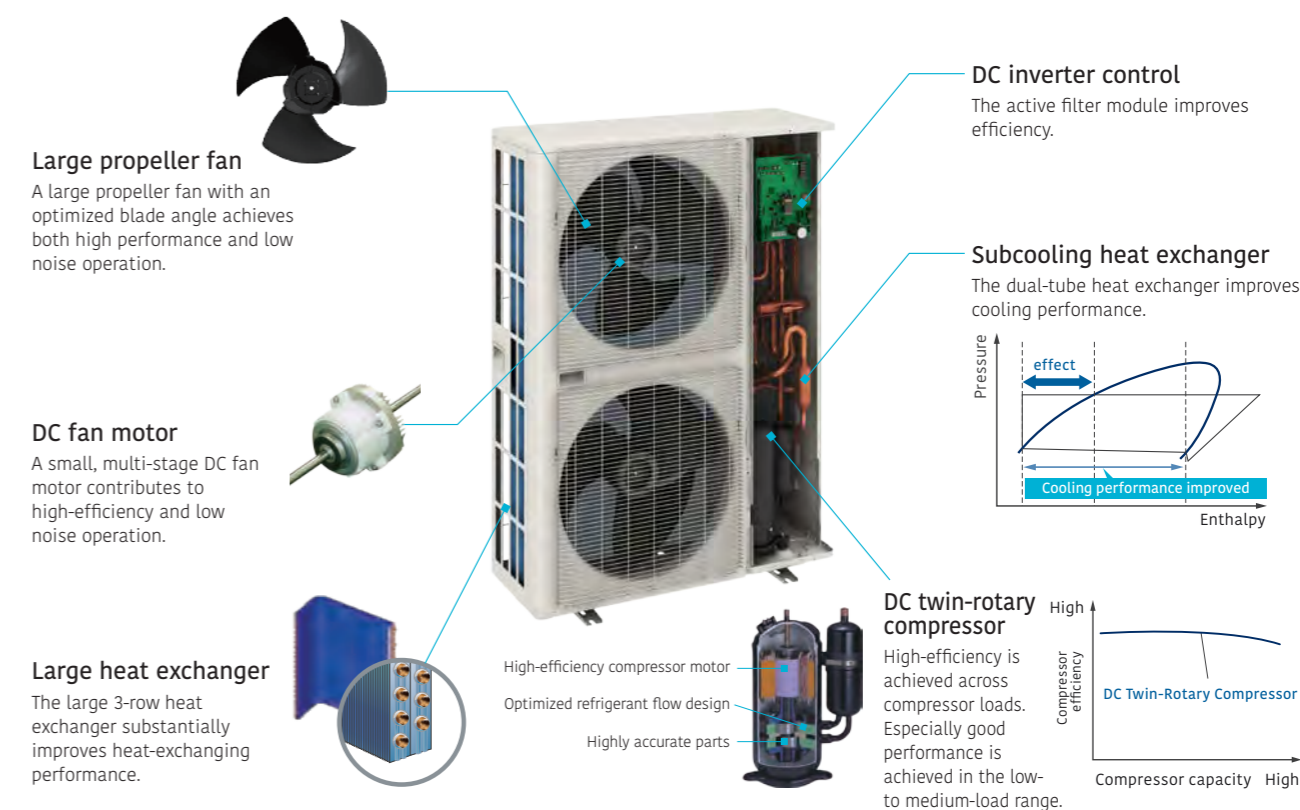
\* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

## External Static Pressure

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

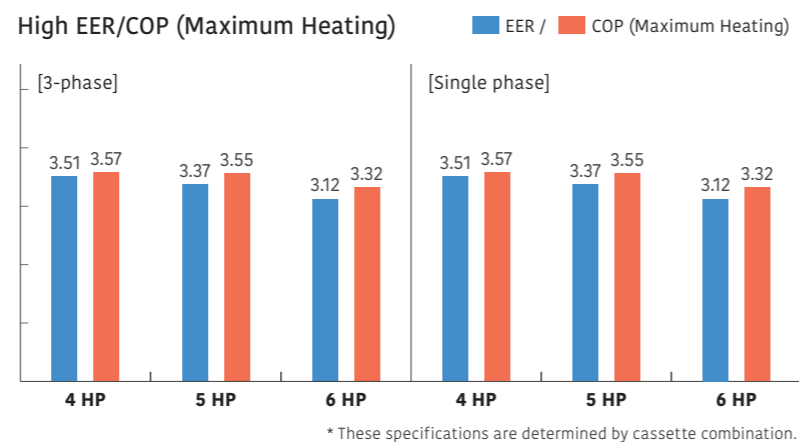


## Advanced High-Efficiency Technology



## Efficiency in Actual Operating Conditions

The use of a large heat exchanger and a high-efficiency Scroll compressor achieves class-leading EER/COP (Max. Heating) in all models.



## Long Pipe Length

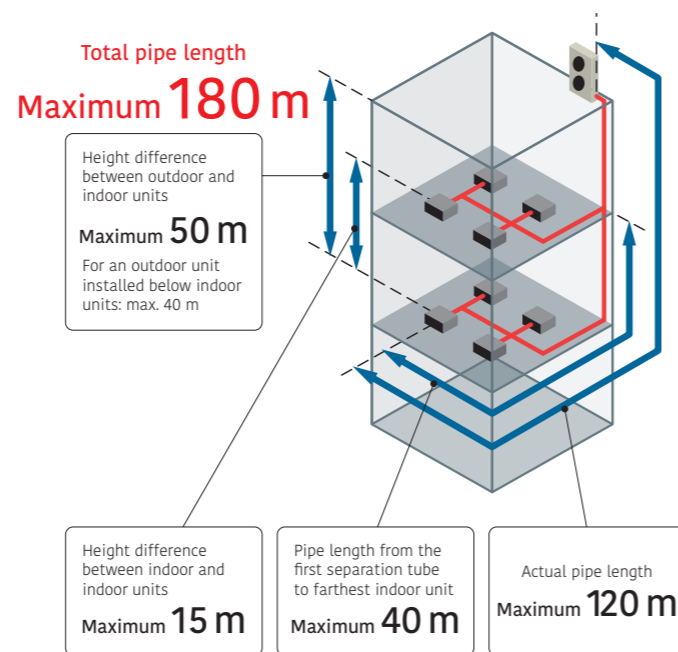
Our advanced refrigerant control technology allows us to achieve a total refrigerant pipe length of 180 m. This provides high flexibility in system design.

## Up to 14 Indoor Units\* can be Connected

The combination of smaller but sufficiently powerful indoor units and outdoor units with an optimized heat exchanging structure makes it possible to connect up to 14 indoor units, which is the best in its class.

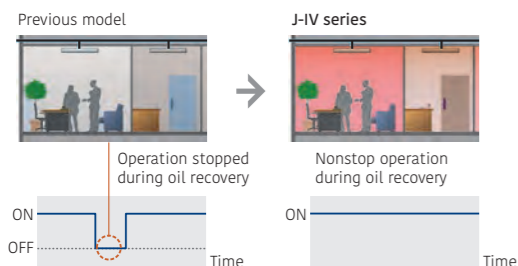
\*: 6 HP model

Model	J-IV		
Rating Capacity range (HP)	4	5	6
Max. Connectable indoor unit	1-11	1-12	1-13



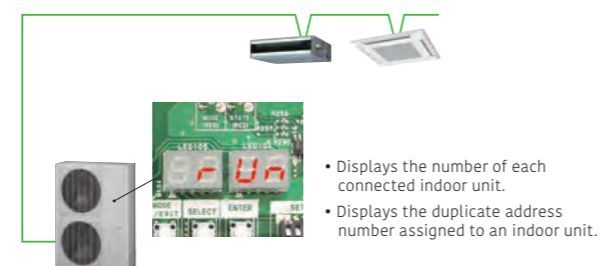
## Non-Stop Oil Recovery Operation

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:** Wire connections and address settings can be checked thanks to the quick check run function.



## 4,5,6HP: AJY040LBDH / AJY045LBDH / AJY054LBDH AJY040LELDH [3-phase] / AJY045LELDH [3-phase] / AJY054LELDH [3-phase]



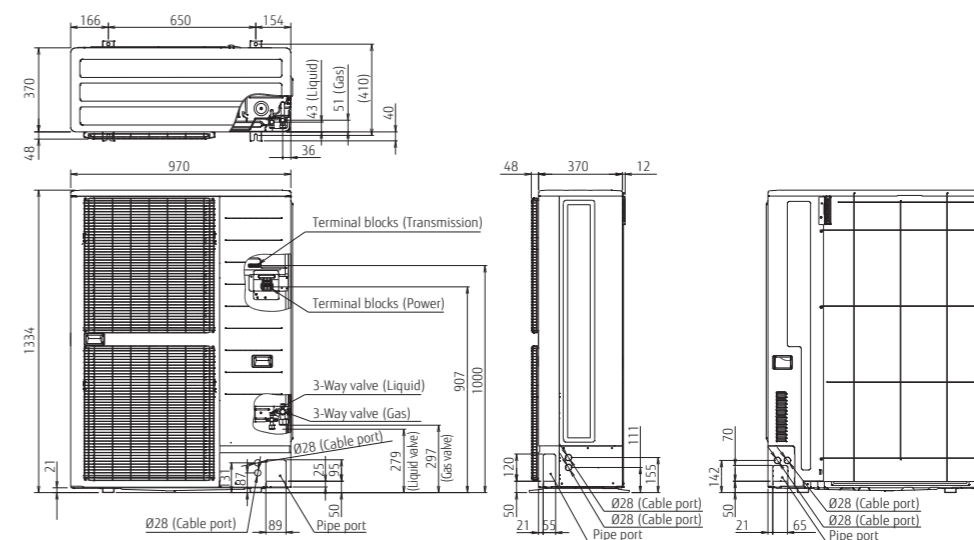
### Specifications

Rated capacity range		HP	4	5	6
Model name			AJY040LBDH	AJY045LBDH	AJY054LBDH
Maximum connectable indoor units			1-11	1-12	1-14
Power source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	kW	12.1	14.0	15.5
	Nominal Heating		12.1	14.0	15.5
	Max. Heating		13.6	16.0	18.0
Input power	Cooling	kW	3.44	4.15	4.96
	Nominal Heating		3.14	3.60	4.17
	Max. Heating		3.80	4.50	5.41
EER	Cooling	W/W	3.51	3.37	3.12
	Nominal Heating		3.85	3.88	3.71
	Max. Heating		3.57	3.55	3.32
COP	Cooling	%	6.52	6.43	6.14
	Nominal Heating		3.58	3.89	3.85
	Max. Heating		257.8	254.2	242.6
SEER	Cooling		140.2	152.6	151.0
SCOP	Heating		6.52	6.43	6.14
ηc	Cooling		257.8	254.2	242.6
ηh	Heating		140.2	152.6	151.0
Airflow rate		m³/h	6,200	6,600	7,000
Sound pressure level/ Power level	Cooling	dB(A)	50 / 65	52 / 66	53 / 67
	Heating		52 / 67	55 / 69	56 / 69
Heat exchanger fin			Blue fin	Blue fin	Blue fin
Net Dimensions	Height	mm	1,334	1,334	1,334
	Width		970	970	970
	Depth		370	370	370
Weight		kg	117	117	119
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge		4.8 (10.0)	5.3 (11.1)	5.3 (11.1)
Connection pipe diameter	Liquid	mm	9.52	9.52	9.52
	Gas		15.88	15.88	19.05
Total pipe length		m	180	180	180
Max. height difference			50/40 (Outdoor unit: Upper/Lower)		
Operating 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)





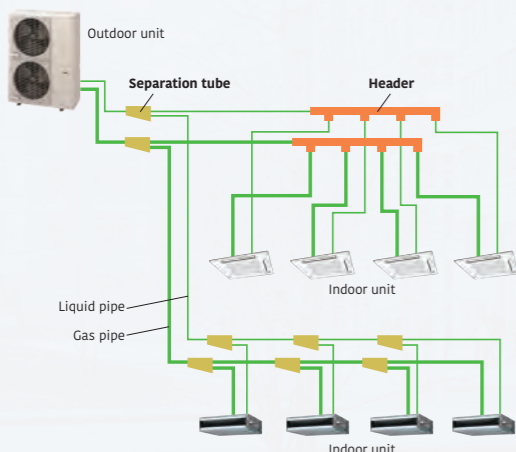
## Heat Pump

for Small-capacity type

VRF **J-IVL**

### System configuration example

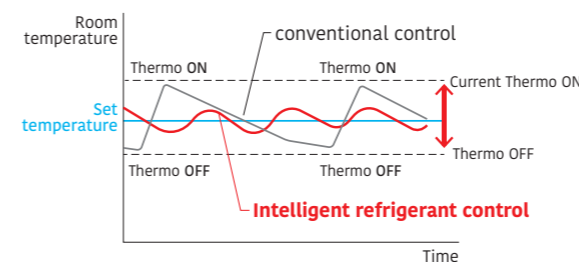
- Suitable for air conditioning small and medium-size buildings. One refrigerant system is used for each outdoor unit.
- Multiple indoor units are connected with separation tubes and headers.



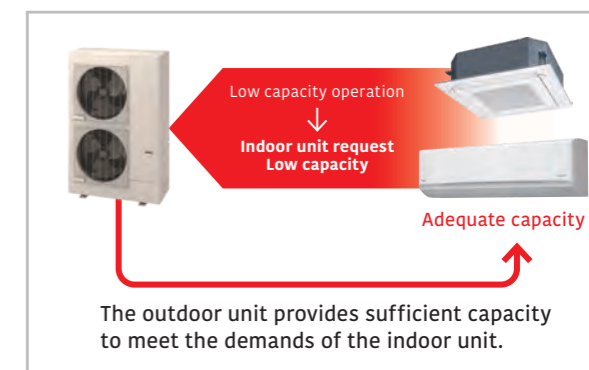
## Intelligent Refrigerant Control

Fujitsu General is proposing outdoor units equipped with refrigerant control function.

The refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The refrigerant control can also provide increased energy savings.



The thermostat is turned on and off less frequently than under conventional control to maintain the room temperature at the target temperature. Compared to conventional control, the compressor will run longer, thus saving energy.



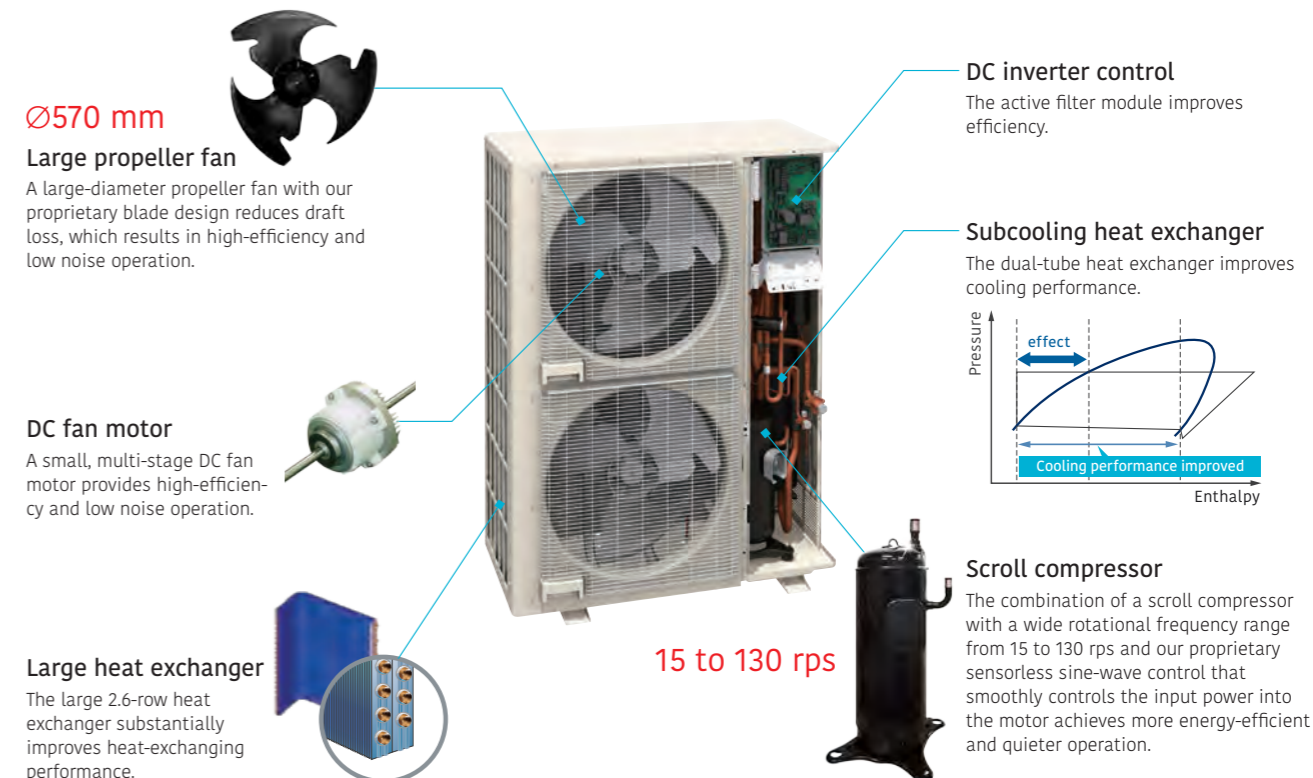
\* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

## External Static Pressure

External static pressure is available up to 60 Pa for 14/16/18 HP. (30 Pa for 8/10 HP, 40 Pa for 12 HP)  
Capacities are slightly decreased relative to the rated values during high static pressure operations.



## Advanced High-Efficiency Technology



Fujitsu General offers a perfect total air conditioning system for small office buildings with multiple small rooms, taking into consideration energy savings, low noise, comfortable air volume, usage and purpose, and centralized control.

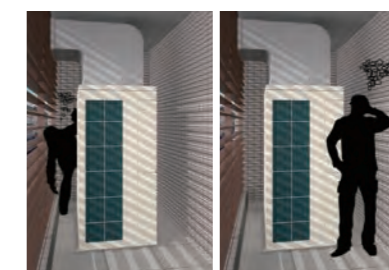
VRF J-IVL

Image: 8/10/12 HP models

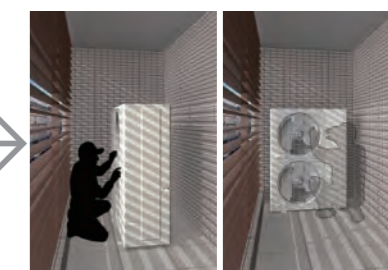
## Slim & Compact Design



## Various Installation Methods



VRF V series outdoor unit

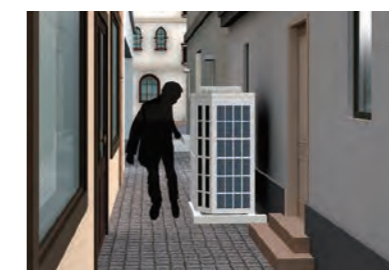


VRF J series outdoor unit

### Installation

#### Low noise level in consideration of nearby residents

Front air discharge type with a width of about 1,000 mm, allowing for flexible installation even in narrow spaces.



VRF V series outdoor unit



VRF J series outdoor unit

#### Narrow space behind building Space saving

Small and thin, allowing for direct ground or wall mounting installations even in narrow alleys.



VRF V series outdoor unit



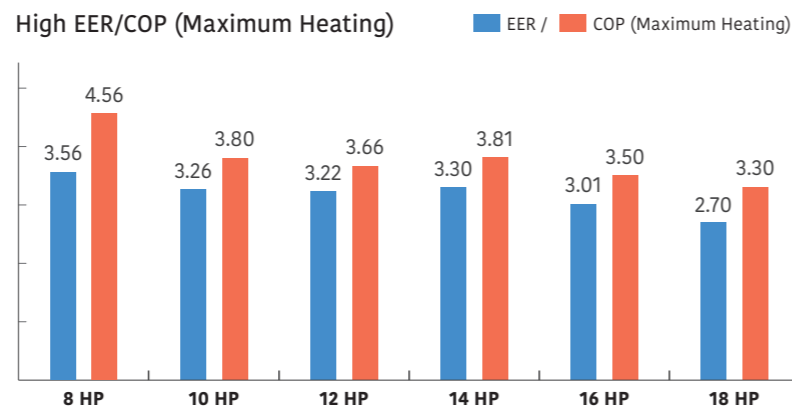
VRF J series outdoor unit

#### Installation on the back street of a building Flexible installation

Slim, low-body front air discharge meets the requirements for installation even in tight spaces. Installation flexibility without blocking the windows of buildings contributes to substantial space savings, even when multiple units are installed.

## Efficiency in Actual Operating Conditions

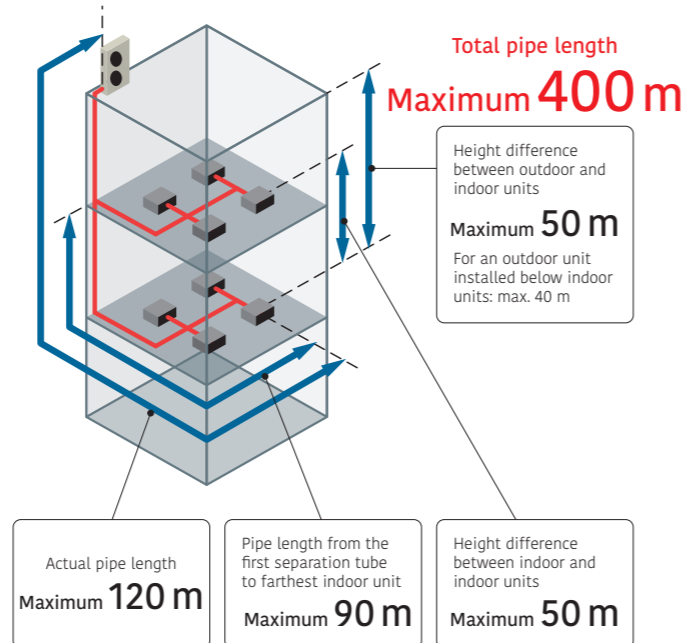
The use of a large heat exchanger and a high-efficiency Scroll compressor achieves class-leading EER/COP (Max. Heating) in all models.



\* These specifications are determined by cassette combination.

## Long Pipe Length

Our advanced refrigerant control technology extends the maximum allowable length of refrigerant pipe to 400 m. This provides high flexibility in system design.



## Up to 42 Indoor Units\* can be Connected.

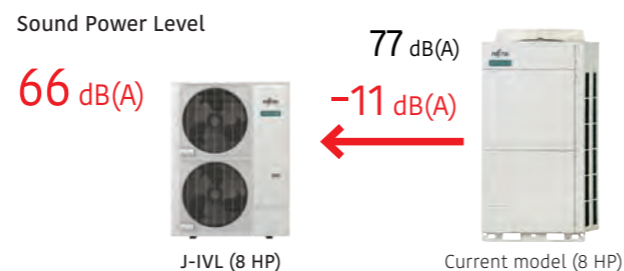
The combination of smaller but sufficiently powerful indoor units and a outdoor unit with an optimized heat exchanging structure makes it possible to connect up to 42 indoor units, which is the best in its class.

\*: 18 HP model



## Class-Leading Low Operating Sound

The top-class low operating noise makes it ideal for use in densely populated areas. These low operating sound models are ideal for installation in densely populated areas.



8,10,12 HP: AJY072LELDH / AJY090LELDH / AJY108LELDH  
14,16,18 HP: AJY126LELDH / AJY144LELDH / AJY162LELDH



## Specifications

Rated capacity range		HP	8	10	12	14	16	18
Model name			AJY072LELDH	AJY090LELDH	AJY108LELDH	AJY126LELDH	AJY144LELDH	AJY162LELDH
Maximum connectable indoor units			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	11.81	14.29	16.66
EER	Cooling	W/W	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
SEER	Cooling		7.62	7.50	7.27	7.27	7.00	6.29
SCOP	Heating		3.89	3.61	3.63	3.53	3.51	3.54
ηc	Cooling	%	301.8	297.0	287.8	287.8	277.0	248.6
ηh	Heating		152.6	141.4	142.2	138.2	137.4	138.6
Airflow rate		m³/h	8,400	9,000	11,000/12,100	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		54/66	57/70	62/75	63/76	65/78	68/82
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 (CO2eq-T)	7.0 (14.6)	7.5 (15.7)	7.5 (15.7)	11.0 (23.0)	11.0 (23.0)	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)					
Operating 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.

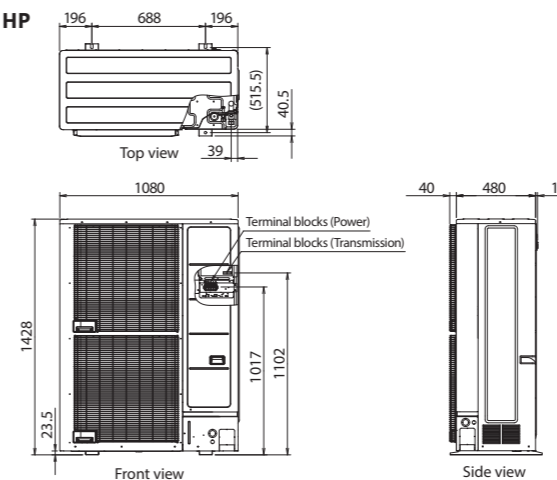
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.

\* 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.

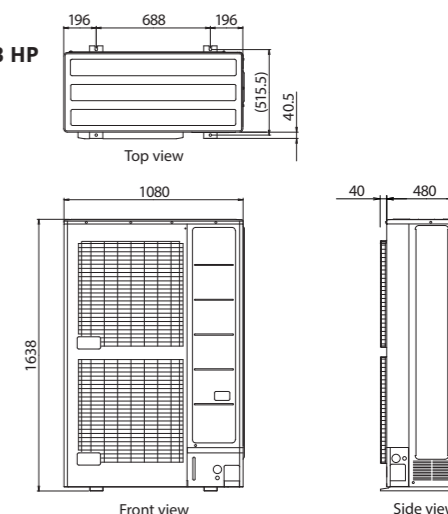
## Dimensions

(Unit: mm)

8, 10, 12 HP



14, 16, 18 HP





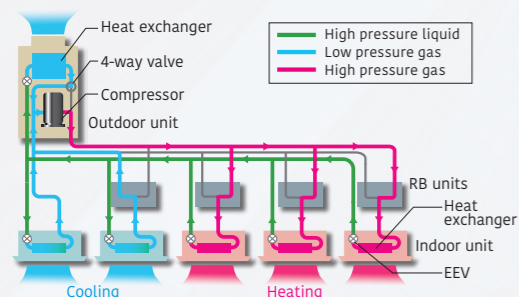
## Heat Recovery

Modular type

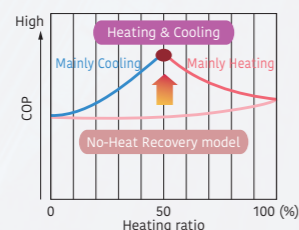
# VRF VR-IV

### Highly energy-efficient operation

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.

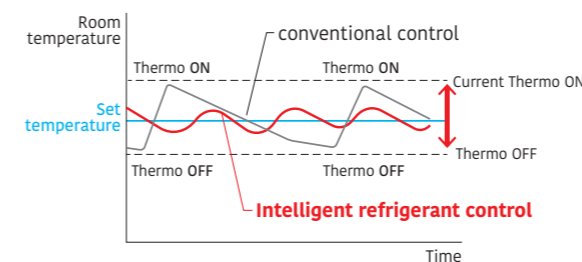


Our heat recovery systems achieve high operating energy efficiency by drawing heat from the room to be cooled and transferring it as energy for rooms that are to be heated.

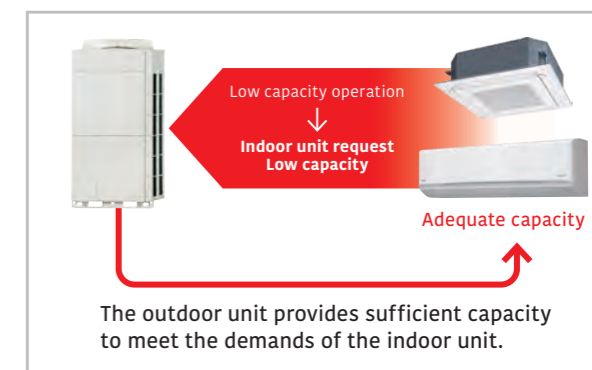


## Intelligent Refrigerant Control

Fujitsu General is proposing outdoor units equipped with refrigerant control function. The refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The refrigerant control can also provide increased energy savings.



The thermostat is turned on and off less frequently than under conventional control to maintain the room temperature at the target temperature. Compared to conventional control, the compressor will run longer, thus saving energy.



\* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

## Increase in The Number of Connectable Indoor Units

Capacity range of connectable indoor units

VR-IV	25%* to 150%
Current model (VR-II)	50% to 150%

\*: For modular type, 25% to 49.9% operation in the entire system is available. (by one unit operation)

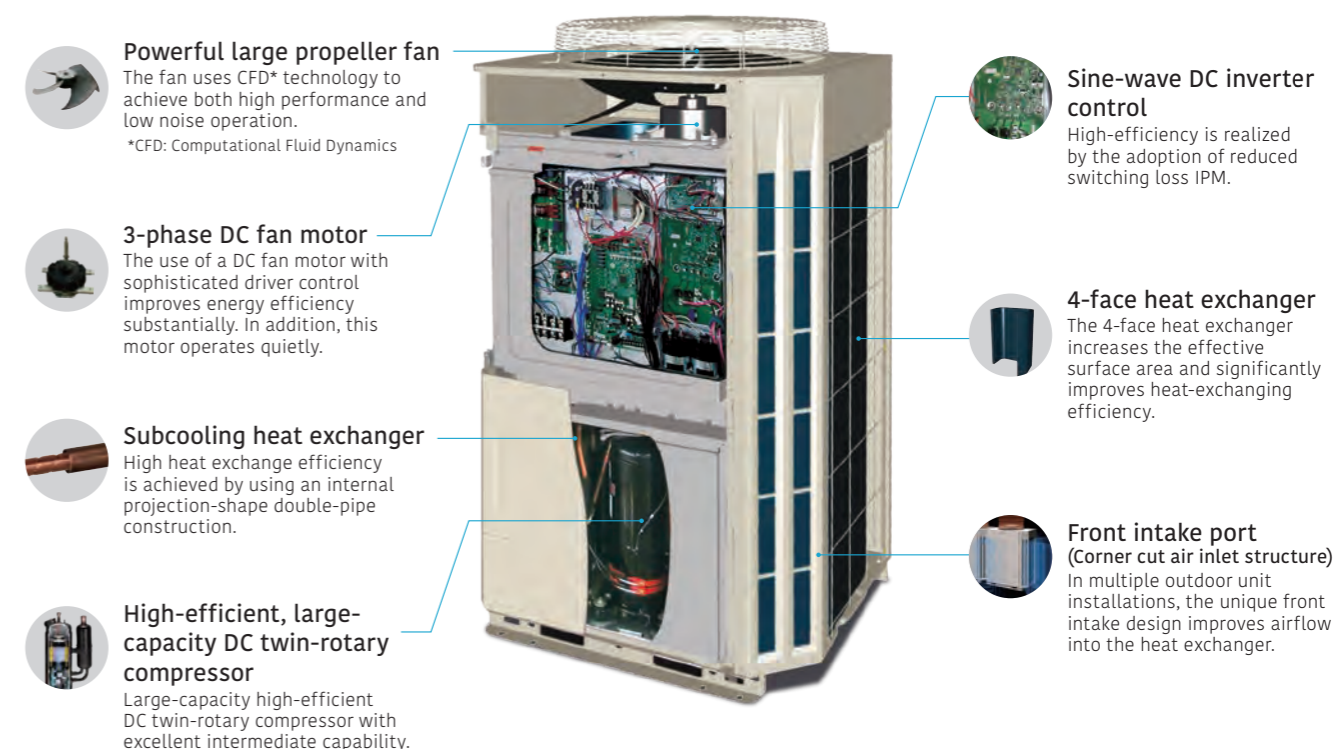
Increased number of connectable indoor units and space saving combinations

HP	10	12	14	16	...	28	30	32	...	48
VR-IV	21	26	30	34	...	60	64	64	...	64

↑

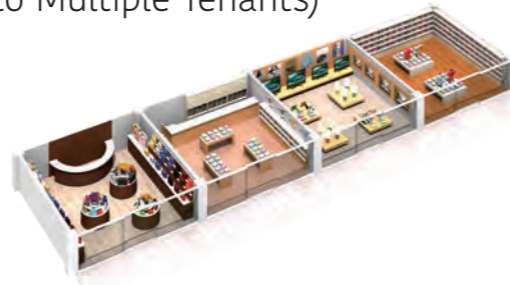
Current model (VR-II)	15	16	17	21	24	...	42	45	48	...	64
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## The Energy-Saving Technology that Boosted Operation Efficiency



## Extended Connection Ratio (Applicable to Multiple Tenants)

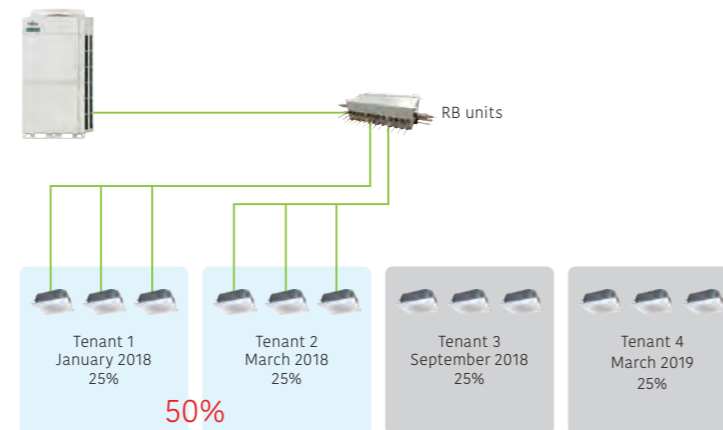
Especially useful when starting partial air conditioning in a building under construction. Installation can be added flexibly for each tenant.



### Stand-Alone

Current model (VR-II)

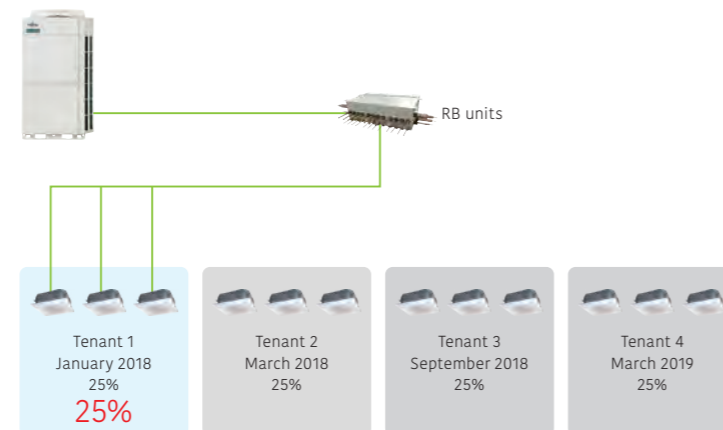
**Example)** 50% of 12HP minimum connected indoor unit capacity is required



Installation is possible even for tenants who have not yet started operations.

### VR-IV

**Example)** 25% of 12HP minimum connected indoor unit capacity is required

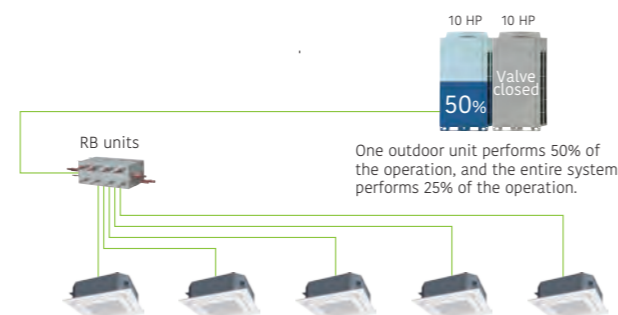


Installation and commissioning can be added flexibly to meet the opening dates of other tenants.

### Modular Type

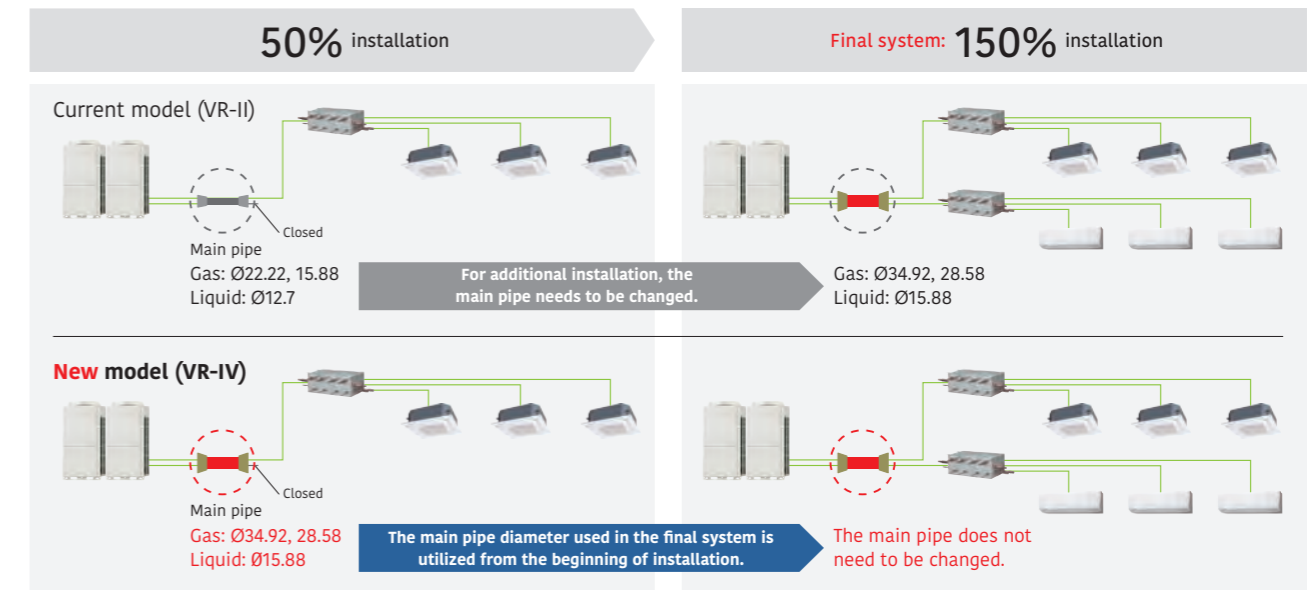
One outdoor unit operates effectively for the capacities of connectable indoor units in the entire system. (Each of the multiple outdoor units does not dare to operate at 25% capacity: any one of the outdoor units will operate at 50% and the remaining units will each output 0%, i.e., stop operating.)

**Example:** One 10HP outdoor unit performs 25% of the total 20HP outdoor units system.  
One 10HP outdoor unit performs 50% of its capacity  
→ Two outdoor units do not perform 25% of the operation.



## Additional Installation is Possible without Changing The Main Pipe

A main pipe of a diameter that can be used for the final system is installed at the beginning of the installation. Duplication of the work will be avoided as there is no need to change the main pipe as in the previous model.



## All-Inverter Compressor

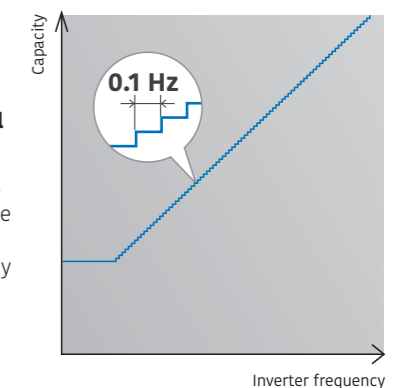
### Large-capacity DC inverter compressor

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



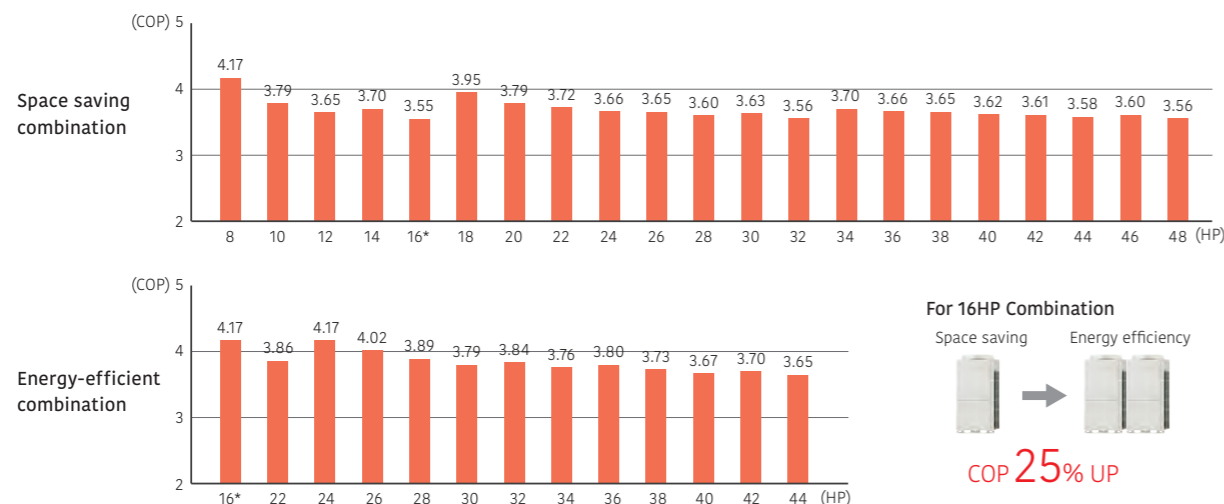
### High-efficiency compressor speed control

The compressor speed control in 0.1 Hz increments ensures a comfortable space with less change in room temperature and less energy loss.



## Efficiency in Actual Operating Conditions

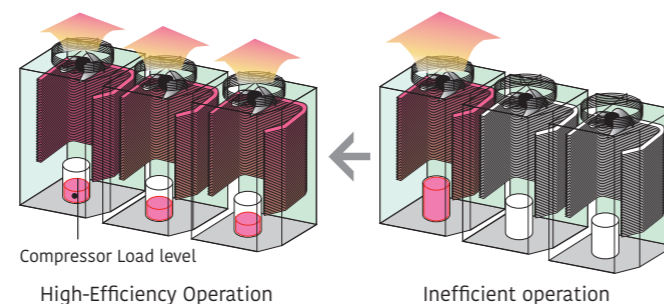
Class-leading high COP (Maximum) The use of our proprietary heat exchanger structure and high-efficiency DC twin-rotary compressors achieves the class-leading coefficient of performance (COP) in every combination.



\* These specifications are determined by Cassette combination.  
\* Multiple outdoor units are not certified by Eurovent.

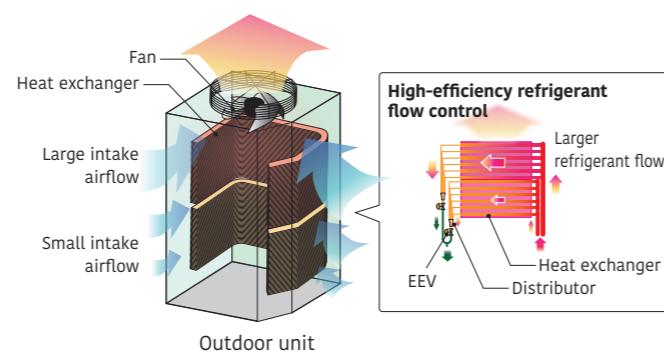
## Multiple Outdoor Operation Control

When multiple outdoor units are connected, each compressor carries out sophisticated operation. Instead of operating one compressor at full load to distribute the refrigerant to one heat exchanger, all compressors operate at partial load to distribute the refrigerant to all heat exchangers, thereby improving the efficiency of the entire system.



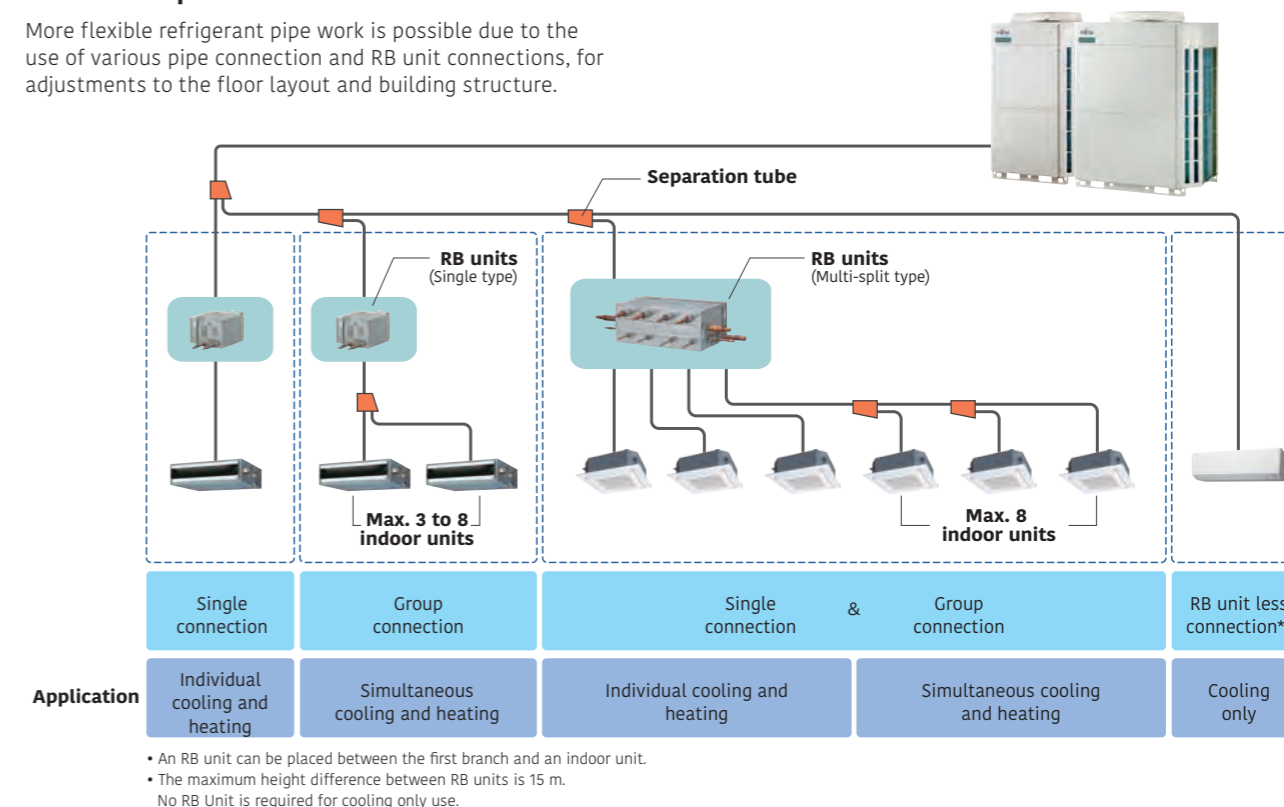
## Heat Exchanger Refrigerant Control

The heat exchanger in the outdoor unit is divided into two parts, upper and lower. The efficiency of the heat exchanger has been improved by adopting an optimum refrigerant path control where the refrigerant is distributed more into the top heat exchanger as this is where there is a greater airflow intake.



## Flexible Pipe Connection

More flexible refrigerant pipe work is possible due to the use of various pipe connection and RB unit connections, for adjustments to the floor layout and building structure.

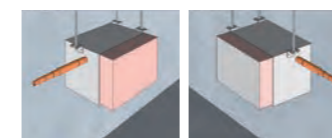


## Flexible Installation of RB Unit

Small and slim design with a height of 198 mm makes it easy to install in tight spaces with height constraints.

- A drain pipe is not required.
- Different positions of a control box can be chosen to accommodate installation conditions.
- Series connection for simplified installation

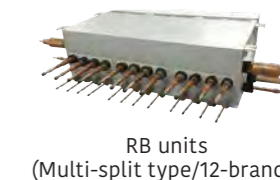
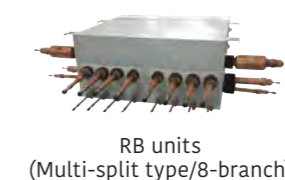
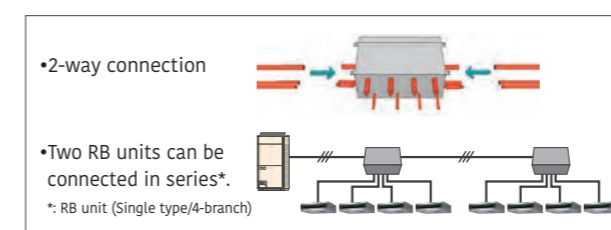
\*: RB unit (single type)



An RB unit can be installed on either side of the control box.

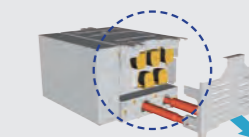


An RB unit can be installed on top of the control box to save space.  
\*: RB unit (single type)



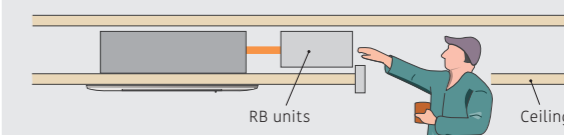
### Easy maintenance in tight spaces

Maintenance can be performed from the side.



The electrical box can be accessed and serviced by sliding down the front cover.

Parts can be accessed and replaced easily even in tight spaces inside the ceiling.



**Outdoor units lineup** • Combinations other than those listed below are not recommended.

**Space saving combination**

22.4kW (8HP)  AJY072GALDH UNIT : AJY072GALDH	28.0kW (10HP)  AJY090GALDH UNIT : AJY090GALDH	33.5kW (12HP)  AJY108GALDH UNIT : AJY108GALDH	40.0kW (14HP)  AJY126GALDH UNIT : AJY126GALDH	45.0kW (16HP)  AJY144GALDH UNIT : AJY144GALDH
50.4kW (18HP)  AJY162GALDH UNIT : AJY090/072GALDH	56.0kW (20HP)  AJY180GALDH UNIT : AJY090/090GALDH	61.5kW (22HP)  AJY198GALDH UNIT : AJY108/090GALDH	67.0kW (24HP)  AJY216GALDH UNIT : AJY108/108GALDH	73.0kW (26HP)  AJY234GALDH UNIT : AJY144/090GALDH
78.5kW (28HP)  AJY252GALDH UNIT : AJY144/108GALDH	85.0kW (30HP)  AJY270GALDH UNIT : AJY144/126GALDH	90.0kW (32HP)  AJY288GALDH UNIT : AJY144/144GALDH	95.0kW (34HP)  AJY306GALDH UNIT : AJY108/108/090GALDH	100.5kW (36HP)  AJY324GALDH UNIT : AJY108/108/108GALDH
106.5kW (38HP)  AJY342GALDH UNIT : AJY144/108/090GALDH	112.0kW (40HP)  AJY360GALDH UNIT : AJY144/108/108GALDH	118.0kW (42HP)  AJY378GALDH UNIT : AJY144/144/090GALDH	123.5kW (44HP)  AJY396GALDH UNIT : AJY144/144/108GALDH	130.0kW (46HP)  AJY414GALDH UNIT : AJY144/144/126GALDH
135.0kW (48HP)  AJY432GALDH UNIT : AJY144/144/144GALDH				

**Energy efficiency combination**

44.8kW (16HP)  AJY144GALDHH UNIT : AJY072/072GALDH	62.4kW (22HP)  AJY198GALDHH UNIT : AJY126/072GALDH	67.2kW (24HP)  AJY216GALDHH UNIT : AJY072/072/072GALDH	72.8kW (26HP)  AJY234GALDHH UNIT : AJY090/072/072GALDH	78.4kW (28HP)  AJY252GALDHH UNIT : AJY090/090/072GALDH
84.0kW (30HP)  AJY270GALDHH UNIT : AJY090/090/090GALDH	90.4kW (32HP)  AJY288GALDHH UNIT : AJY126/090/072GALDH	96.0kW (34HP)  AJY306GALDHH UNIT : AJY126/090/090GALDH	102.4kW (36HP)  AJY324GALDHH UNIT : AJY126/126/072GALDH	108.0kW (38HP)  AJY342GALDHH UNIT : AJY126/126/090GALDH
113.0kW (40HP)  AJY360GALDHH UNIT : AJY144/126/090GALDH	120.0kW (42HP)  AJY378GALDHH UNIT : AJY126/126/126GALDH	125.0kW (44HP)  AJY396GALDHH UNIT : AJY144/126/126GALDH		

**8,10,12HP : AJY072GALDH / AJY090GALDH / AJY108GALDH**  
**14,16HP : AJY126GALDH / AJY144GALDH**



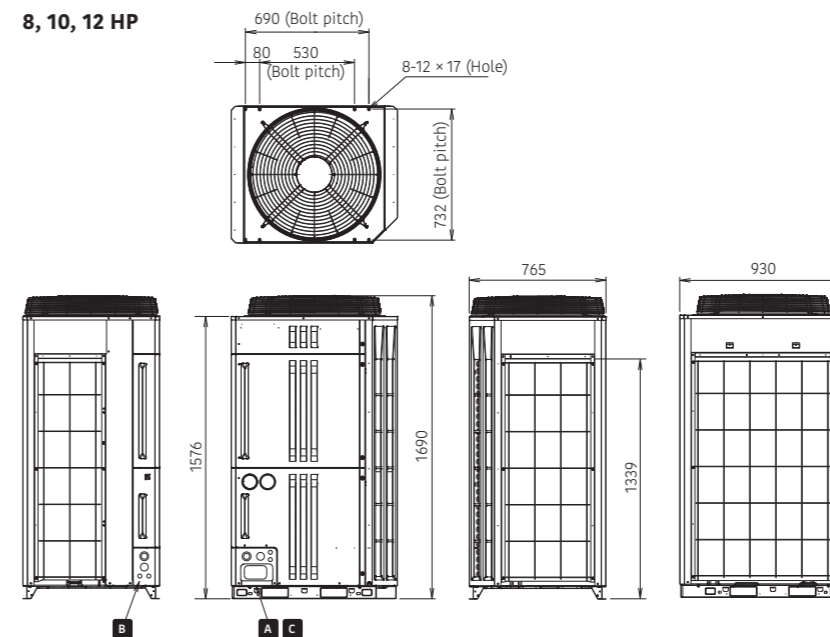
8, 10, 12 HP

14, 16 HP

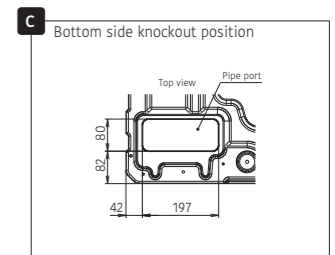
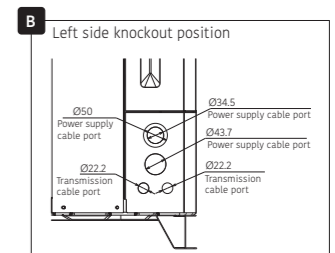
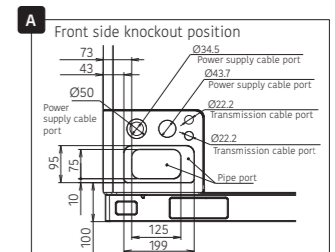
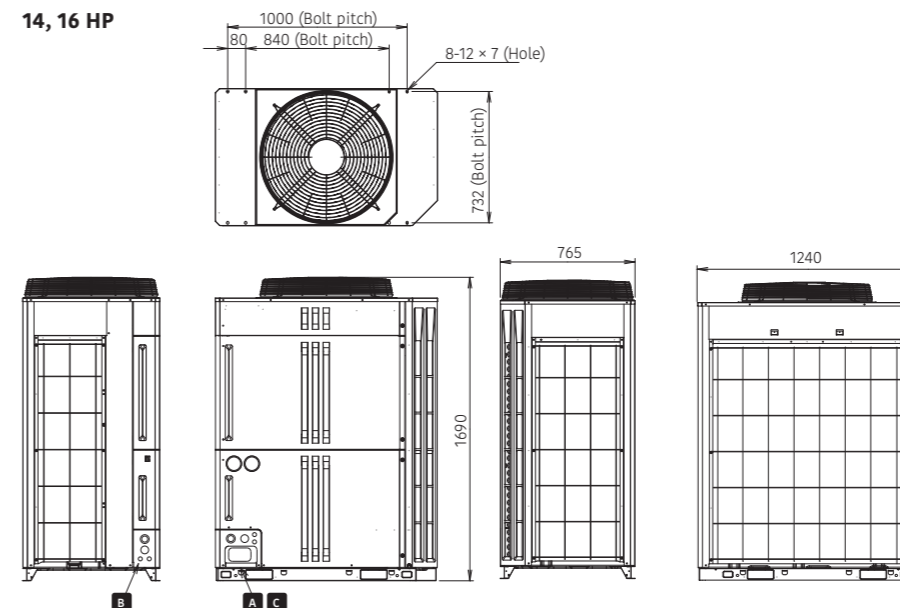
**Dimensions**

(Unit: mm)

**8, 10, 12 HP**



**14, 16 HP**



### Space saving combination

Rated capacity range			HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48		
Model name				AJY072GALDH	AJY090GALDH	AJY108GALDH	AJY126GALDH	AJY144GALDH	AJY162GALDH	AJY180GALDH	AJY198GALDH	AJY216GALDH	AJY234GALDH	AJY252GALDH	AJY270GALDH	AJY288GALDH	AJY306GALDH	AJY324GALDH	AJY342GALDH	AJY360GALDH	AJY378GALDH	AJY396GALDH	AJY414GALDH	AJY432GALDH		
Unit 1				AJY072GALDH	AJY090GALDH	AJY108GALDH	AJY126GALDH	AJY144GALDH	AJY090GALDH	AJY090GALDH	AJY090GALDH	AJY108GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY108GALDH	AJY108GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH		
Unit 2				AJY072GALDH	AJY090GALDH	AJY108GALDH	AJY126GALDH	AJY144GALDH	AJY090GALDH	AJY090GALDH	AJY090GALDH	AJY108GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY108GALDH	AJY108GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH		
Unit 3				AJY072GALDH	AJY090GALDH	AJY108GALDH	AJY126GALDH	AJY144GALDH	AJY090GALDH	AJY090GALDH	AJY090GALDH	AJY108GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY144GALDH	AJY090GALDH	AJY108GALDH	AJY090GALDH	AJY108GALDH	AJY090GALDH	AJY108GALDH	AJY126GALDH	AJY144GALDH		
Maximum connectable indoor units*1				17	21	26	30	34	39	43	47	52	56	60	64	64	64	64	64	64	64	64	64	64		
Connectable capacity range of indoor units			kW	5.6-33.6	7.0-42.0	8.4-50.2	10.0-60.0	11.3-67.5	12.6-75.6*3	14.0-84.0*3	15.4-92.2*3	16.8-100.5*3	18.3-109.5*3	19.7-117.7*3	21.3-127.5*3	22.5-135.0*3	23.8-142.5*3	25.2-150.7*3	26.7-159.7*3	28.0-168.0*3	29.5-177.0*3	30.9-185.2*3	32.5-195.0*3	33.8-202.5*3		
Power source			3-phase, 4-wire, 400 V, 50Hz												3-phase, 4-wire, 400 V, 50Hz											
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	67.0	73.0	78.5	85.0	90.0	95.0	100.5	106.5	112.0	118.0	123.5	130.0	135.0			
	Nominal Heating		22.4	28.0	33.5	40.0	42.0	50.4	56.0	61.5	67.0	70.0	75.5	82.0	84.0	95.0	100.5	103.5	109.0	112.0	117.5	124.0	126.0			
	Max. Heating		25.0	31.5	37.5	45.0	48.0	56.5	63.0	69.0	75.0	79.5	85.5	93.0	96.0	106.5	112.5	117.0	123.0	127.5	133.5	141.0	144.0			
Input power	Cooling	kW	6.26	9.53	11.89	13.16	16.71	15.79	19.06	21.42	23.78	26.24	28.60	29.87	33.42	33.31	35.67	38.13	40.49	42.95	45.31	46.58	50.13			
	Nominal Heating		5.37	7.38	9.16	10.80	11.81	12.75	14.76	16.54	18.32	19.19	20.97	22.61	23.62	25.70	27.48	28.35	30.13	31.00	32.78	34.42	35.43			
	Max. Heating		6.25	8.96	11.48	13.95	14.98	15.21	17.92	20.44	22.96	23.94	26.46	28.93	29.96	31.92	34.44	35.42	37.94	38.92	41.44	43.91	44.94			
EER	Cooling	W/W	3.57	2.93	2.81	3.03	2.69	3.19	2.94	2.87	2.82	2.78	2.74	2.85	2.69	2.85	2.82	2.79	2.77	2.75	2.73	2.79	2.69			
COP	Nominal Heating		4.17	3.79	3.65	3.70	3.55	3.95	3.79	3.72	3.66	3.65	3.60	3.63	3.56	3.70	3.66	3.65	3.62	3.61	3.58	3.60	3.56			
	Max. Heating		4.00	3.51	3.26	3.22	3.20	3.71	3.52	3.38	3.27	3.32	3.23	3.21	3.20	3.34	3.27	3.20	3.24	3.22	3.21	3.20	3.20			
SEER	Cooling	%	7.16	6.61	6.73	6.76	6.27	6.89	6.61	6.67	6.73	6.44	6.50	6.52	6.27	6.69	6.73	6.54	6.58	6.38	6.42	6.43	6.27			
SCOP	Heating		3.78	3.76	3.86	4.31	4.41	3.77	3.76	3.81	3.86	4.09	4.14	4.36	4.41	3.83	3.86	4.01	4.04	4.19	4.23	4.38	4.41			
ηc	Cooling		283.0	261.0	266.0	267.0	248.0	272.0	261.0	263.5	266.0	254.5	257.0	257.5	248.0	264.3	266.0	258.3	260.0	252.3	254.0	254.3	248.0			
ηh	Heating	m³/h	148.0	147.0	151.0	169.0	173.0	147.5	147.0	149.0	151.0	160.0	162.0	171.0	173.0	149.7	151.0	157.0	158.3	164.3	165.7	171.7	173.0			
Air flow rate	High		11,100	11,100	11,100	13,000	13,000	11,100×2	11,100×2	11,100×2	11,100×2	13,000+11,100	13,000+11,100	13,000×2	13,000×2	11,100×3	11,100×3	13,000+11,100×2	13,000+11,100×2	13,000×2+11,100	13,000×2+11,100	13,000×3	13,000×3			
Sound pressure level*2/ Power level	Cooling Heating		dB(A)	56 / 77 58 / 79	58 / 78 59 / 79	59 / 79 63 / 82	60 / 82 62 / 83	61 / 82 63 / 83	60 / 81 62 / 82	61 / 81 62 / 82	62 / 82 64 / 84	62 / 82 66 / 85	63 / 83 64 / 84	63 / 84 66 / 86	64 / 85 66 / 86	64 / 85 66 / 86	63 / 83 67 / 86	64 / 84 68 / 87	64 / 85 67 / 86	65 / 85 68 / 87	65 / 86 67 / 87	65 / 86 68 / 87	65 / 87 67 / 88	66 / 87 68 / 88		
Max. External static pressure		Pa	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80			
Compressor motor output		kW	7.5	7.5	7.5	11.0	11.0	7.5 × 2	7.5 × 2	7.5 × 2	7.5 × 2	11.0 × 7.5	11.0 × 7.5	11.0 × 2	11.0 × 2	7.5 × 3	7.5 × 3	11.0×7.5 × 2	11.0 × 7.5 × 2	11.0 × 2 × 7.5	11.0 × 2 × 7.5	11.0 × 3	11.0 × 3			
Heat exchanger fin			Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin			
Net Dimensions	Height	mm	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690			
	Width		930	930	930	1,240	1,240	930 × 2	930 × 2	930 × 2	930 × 2	1,240 × 930	1,240 × 930	1,240 × 2	1,240 × 2	930 × 3	930 × 3	1,240 × 930 × 2	1,240 × 930 × 2	1,240 × 2 × 930	1,240 × 2 × 930	1,240 × 3	1,240 × 3			
	Depth		765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765			
Weight		kg	262	262	262	286	286	262 × 2	262 × 2	262 × 2	262 × 2	286 × 262	286 × 262	286 × 2	286 × 2	262 × 3	262 × 3	286 × 262 × 2	286 × 262 × 2	286 × 2 × 262	286 × 2 × 262	286 × 3	286 × 3			
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)			
	Charge	kg (CO2eq-T)	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)	11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)			
	Liquid		12.70	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88	15.88	15.88	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05			
Connection pipe diameter	Discharge Gas	mm	15.88	19.05	19.05	22.22	22.22	22.22	22.22	28.58	28.58	28.58	28.58	28.58	28.58	28.58	28.58	34.92	34.92	34.92	34.92	34.92	34.92			
	Suction Gas		22.22	22.22	28.58	28.58	28.58	28.58	28.58	28.58	34.92	34.92	34.92	34.92	34.92	34.92	41.27	41.27	41.27	41.27	41.27	41.27	41.27			
Operating Range	Cooling	*CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46			
	Heating		-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21				
	Cooling/Heating		-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21	-10 to 21			

### Energy Efficiency Combination

[illegible]

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.

When cooling operation is be conducted at an outdoor air temperature below -5°C, the outdoor unit must be installed in a position that is higher than or equal to that of the indoor units.

- \* These specifications are determined by ducted combination.
- \* Multiple outdoor units are not certified by Eurovent.

\*1: Minimum connectable indoor unit number is 2.

\*2: The noise level is the value measured in an anechoic room. When measured in an actual installation, the measured value is typically larger than the indicated value due to ambient noise and reflections.

\*3: If the capacity range of the connectable indoor units is between 25% and 49.9%, do not open the three-way valve except for the unit to be operated. In addition, do not connect the power line.



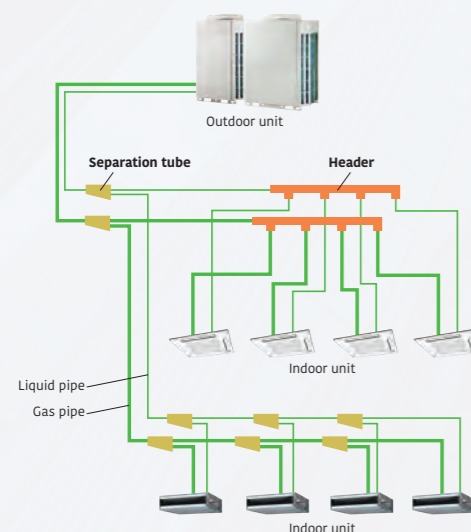
## Heat Pump

Modular type

VRF V-IV

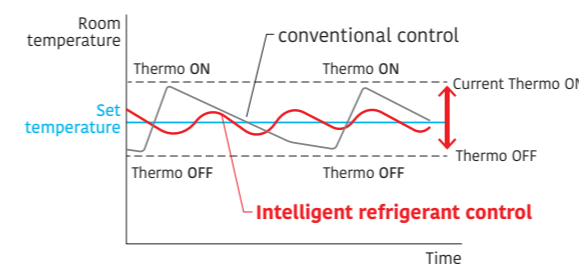
### System configuration example

- Suitable for air conditioning midsize and large buildings. Connecting each outdoor unit makes it possible to create a high-capacity system.
- Multiple indoor units are connected with separation tubes and headers.

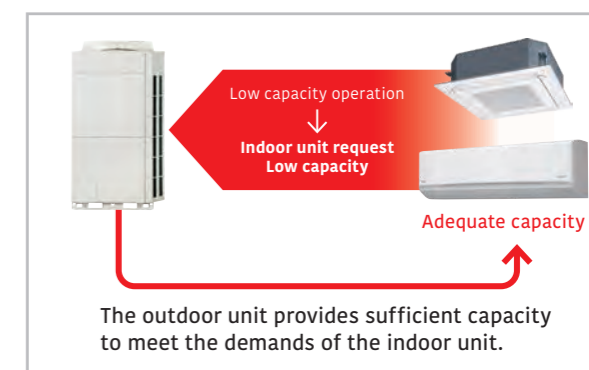


## Intelligent Refrigerant Control

Fujitsu General is proposing outdoor units equipped with refrigerant control function. The refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The refrigerant control can also provide increased energy savings.



The thermostat is turned on and off less frequently than under conventional control to maintain the room temperature at the target temperature. Compared to conventional control, the compressor will run longer, thus saving energy.

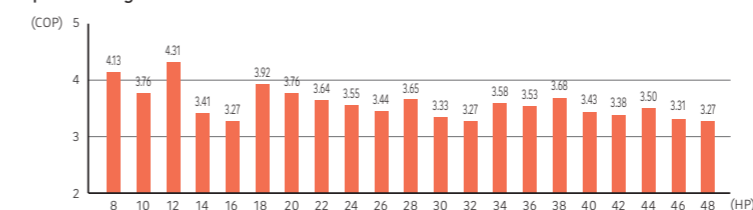


\* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

## Efficiency in Actual Operating Conditions

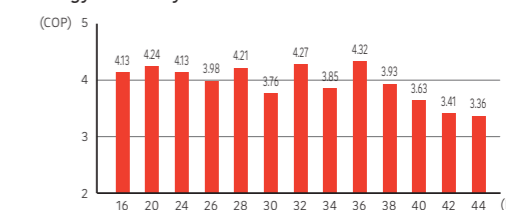
The use of our proprietary heat exchanger structure and high-efficiency DC twin-rotary compressors achieves the class-leading coefficient of performance (COP) in every combination.

Space saving combination



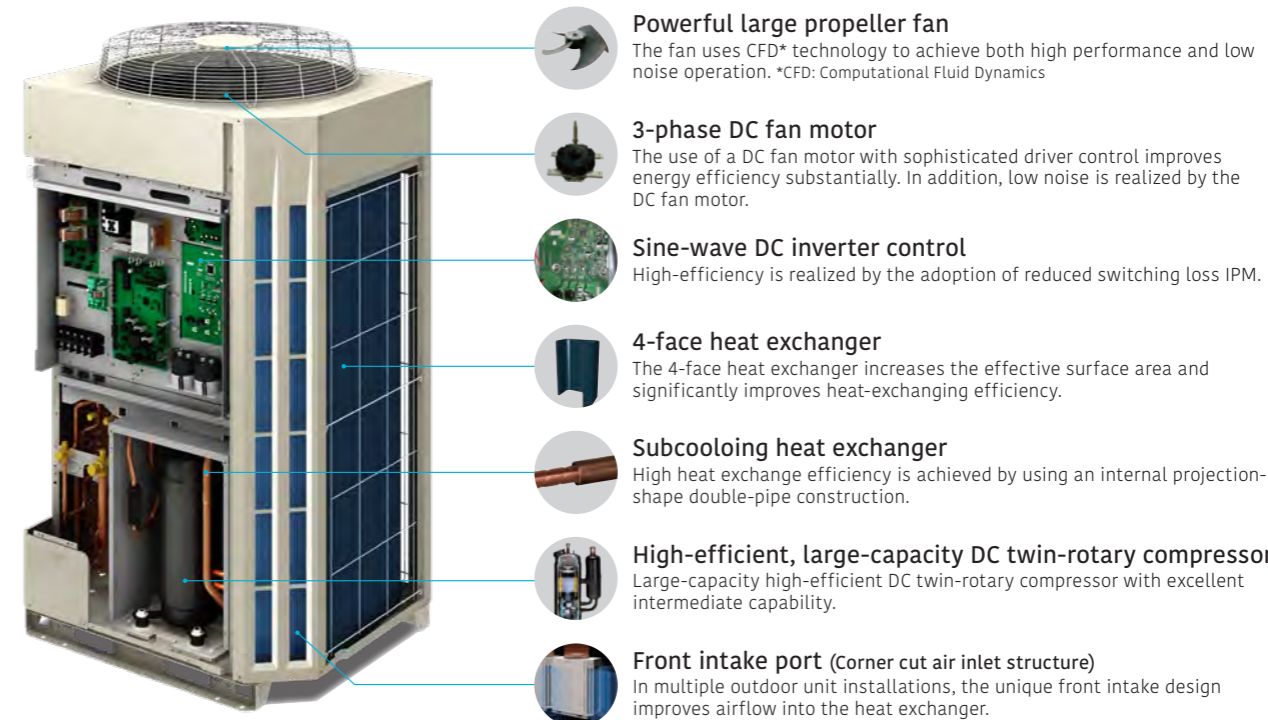
\* These specifications are determined by Cassette combination.

Energy efficiency combination


















\*Multiple outdoor units are not certified by Eurovent.

## The Energy-Saving Technology that Boosted Operation Efficiency



Outdoor units lineup • Combinations other than those listed below are not recommended.

Space saving combination

22.4 kW (8 HP)  AJY072LALDH UNIT: AJY072LALDH	28.0 kW (10 HP)  AJY090LALDH UNIT: AJY090LALDH	33.5 kW (12 HP)  AJY108LALDH UNIT: AJY108LALDH	40.0 kW (14 HP)  AJY126LALDH UNIT: AJY126LALDH	45.0 kW (16 HP)  AJY144LALDH UNIT: AJY144LALDH
50.4 kW (18 HP)  AJY162LALDH UNIT: AJY090/072LALDH	56.0 kW (20 HP)  AJY180LALDH UNIT: AJY090/090LALDH	62.4 kW (22 HP)  AJY198LALDH UNIT: AJY126/072LALDH	68.0 kW (24 HP)  AJY216LALDH UNIT: AJY126/090LALDH	73.0 kW (26 HP)  AJY234LALDH UNIT: AJY144/090LALDH
78.5 kW (28 HP)  AJY252LALDH UNIT: AJY144/108LALDH	85.0 kW (30 HP)  AJY270LALDH UNIT: AJY144/126LALDH	90.0 kW (32 HP)  AJY288LALDH UNIT: AJY144/144LALDH	95.4 kW(34 HP)  AJY306LALDH UNIT: AJY144/090/072LALDH	101.0 kW (36 HP)  AJY324LALDH UNIT: AJY144/090/090LALDH
106.5 kW (38 HP)  AJY342LALDH UNIT: AJY144/108/090LALDH	113.0 kW (40 HP)  AJY360LALDH UNIT: AJY144/126/090LALDH	118.0 kW (42 HP)  AJY378LALDH UNIT: AJY144/144/090LALDH	123.5 kW (44 HP)  AJY396LALDH UNIT: AJY144/144/108LALDH	130.0 kW (46 HP)  AJY414LALDH UNIT: AJY144/144/126LALDH
135.0 kW (48 HP)  AJY432LALDH UNIT: AJY144/144/144LALDH				

Energy efficiency combination

44.8 kW (16 HP)  AJY144LALDHH UNIT: AJY072/072LALDH	55.9 kW (20 HP)  AJY180LALDHH UNIT: AJY108/072LALDH	67.2 kW (24 HP)  AJY216LALDHH UNIT: AJY072/072/072LALDH	72.8 kW (26 HP)  AJY234LALDHH UNIT: AJY090/072/072LALDH	78.3 kW (28 HP)  AJY252LALDHH UNIT: AJY108/072/072LALDH
84.8 kW (30 HP)  AJY270LALDHH UNIT: AJY126/072/072LALDH	89.4 kW (32 HP)  AJY288LALDHH UNIT: AJY108/108/072LALDH	95.9 kW (34 HP)  AJY306LALDHH UNIT: AJY126/108/072LALDH	100.5 kW (36 HP)  AJY324LALDHH UNIT: AJY108/108/108LALDH	107.0 kW (38 HP)  AJY342LALDHH UNIT: AJY126/108/108LALDH
113.5 kW (40 HP)  AJY360LALDHH UNIT: AJY126/126/108LALDH	120.0 kW (42 HP)  AJY378LALDHH UNIT: AJY126/126/126LALDH	125.0 kW (44 HP)  AJY396LALDHH UNIT: AJY144/126/126LALDH		

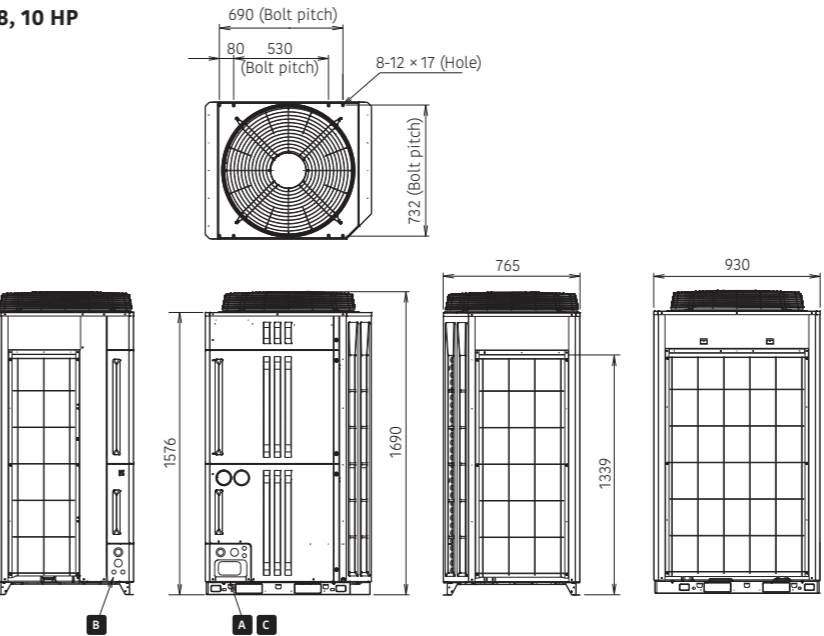
8, 10 HP: AJY072LALDH / AJY090LALDH  
12, 14, 16 HP: AJY108LALDH / AJY126LALDH / AJY144LALDH



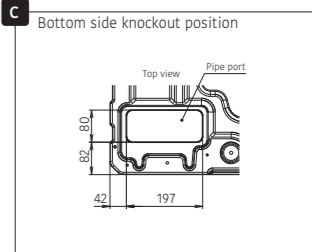
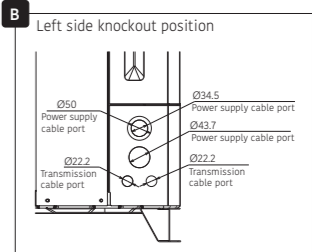
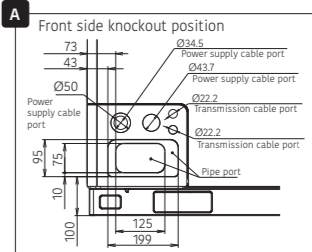
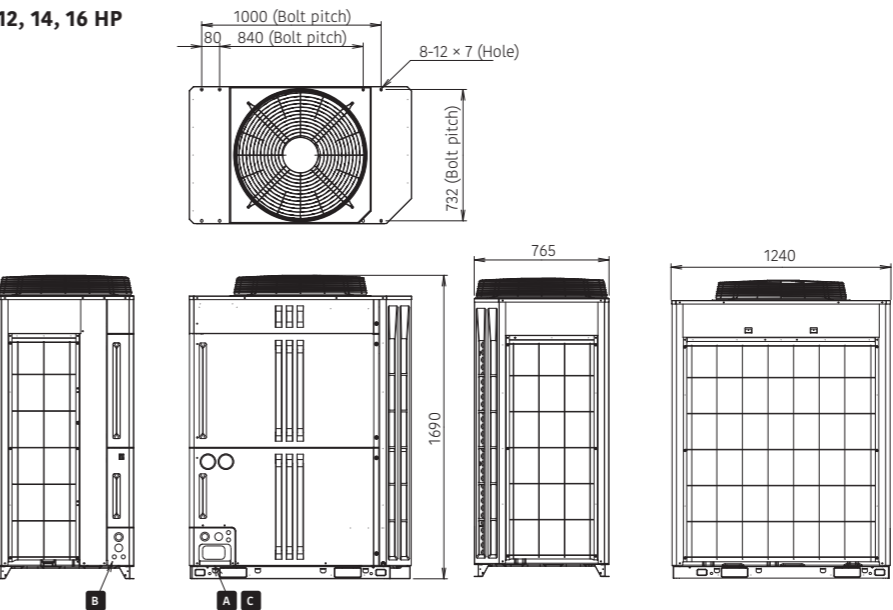
Dimensions

(Unit: mm)

8, 10 HP



12, 14, 16 HP



Outdoor unit specifications

Space saving combination

Rated capacity range		HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
Model name			AJY072LALDH	AJY090LALDH	AJY108LALDH	AJY126LALDH	AJY144LALDH	AJY162LALDH	AJY180LALDH	AJY198LALDH	AJY216LALDH	AJY234LALDH		AJY252LALDH	AJY270LALDH	AJY288LALDH	AJY306LALDH	AJY324LALDH	AJY342LALDH	AJY360LALDH	AJY378LALDH	AJY396LALDH	AJY414LALDH	AJY432LALDH
Unit 1			AJY072LALDH	AJY090LALDH	AJY108LALDH	AJY126LALDH	AJY144LALDH	AJY090LALDH		AJY126LALDH	AJY090LALDH	AJY072LALDH	AJY144LALDH		AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH
Unit 2								AJY072LALDH		AJY090LALDH	AJY072LALDH	AJY090LALDH		AJY108LALDH	AJY126LALDH	AJY144LALDH	AJY090LALDH	AJY090LALDH	AJY108LALDH	AJY126LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH	AJY144LALDH
Unit 3															AJY144LALDH	AJY144LALDH	AJY090LALDH	AJY090LALDH	AJY108LALDH	AJY126LALDH	AJY144LALDH	AJY108LALDH	AJY144LALDH	AJY144LALDH
Maximum connectable indoor units*1			17	21	26	30	34	39	43	47	52	56		60	64	64	64	64	64	64	64	64	64	64
Connectable capacity range of indoor units		kW	11.2-33.6	14.0-42.0	16.8-50.2	20.0-60.0	22.5-67.5	25.2-75.6	28.0-84.0	31.2-93.6	34.0-102.0	36.5-109.5		39.3-117.7	42.5-127.5	45.0-135.0	47.7-143.1	50.5-151.5	53.3-159.7	56.5-169.5	59.0-177.0	61.8-185.2	65.0-195.0	67.5-202.5
Power source			3-phase, 4-wire, ~400 V, 50 Hz										3-phase, 4-wire, ~400 V, 50 Hz											
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	62.4	68.0	73.0		78.5	85.0	90.0	95.4	101.0	106.5	113.0	118.0	123.5	130.0	135.0
	Nominal Heating		22.4	28.0	33.5	40.0	45.0	50.4	56.0	62.4	68.0	73.0		78.5	85.0	90.0	95.4	101.0	106.5	113.0	118.0	123.5	130.0	135.0
	Max. Heating		25.0	31.5	37.5	45.0	48.0	56.5	63.0	70.0	76.5	79.5		85.5	93.0	96.0	104.5	111.0	117.0	124.5	127.5	133.5	141.0	144.0
Input power	Cooling	kW	5.95	9.06	9.54	13.18	16.74	15.01	18.12	19.13	22.24	25.80		26.28	29.92	33.48	31.75	34.86	35.34	38.98	42.54	43.02	46.66	50.22
	Nominal Heating		5.42	7.44	7.76	11.74	13.76	12.86	14.88	17.16	19.18	21.20		21.52	25.50	27.52	26.62	28.64	28.96	32.94	34.96	35.28	39.26	41.28
	Max. Heating		6.26	8.98	9.48	14.00	15.02	15.24	17.96	20.26	22.98	24.00		24.50	29.02	30.04	30.26	32.98	33.48	38.00	39.02	39.52	44.04	45.06
EER	Cooling	W/W	3.76	3.09	3.51	3.03	2.68	3.36	3.09	3.26	3.06	2.83		2.99	2.84	2.69	3.00	2.90	3.01	2.90	2.77	2.87	2.79	2.69
COP	Nominal Heating		4.13	3.76	4.31	3.41	3.27	3.92	3.76	3.64	3.55	3.44		3.65	3.33	3.27	3.58	3.53	3.68	3.43	3.38	3.50	3.31	3.27
	Max. Heating		3.99	3.50	3.95	3.21	3.19	3.71	3.51	3.46	3.33	3.31		3.49	3.20	3.20	3.45	3.37	3.49	3.28	3.27	3.38	3.20	3.20
SEER	Cooling		7.09	6.56	7.33	6.67	6.18	6.83	6.56	6.64	6.62	6.37		6.76	6.43	6.18	6.61	6.43	6.69	6.47	6.31	6.56	6.34	6.18
SCOP	Heating		3.83	3.80	4.19	4.19	4.27	3.82	3.80	4.05	4.00	4.04		4.23	4.23	4.27	3.97	3.96	4.09	4.09	4.11	4.24	4.24	4.27
ηc	Cooling	%	281.0	259.0	290.0	264.0	244.0	270.0	259.0	262.5	261.5	251.5		267.0	254.0	244.0	261.3	254.0	264.3	255.7	249.0	259.3	250.7	244.0
ηh	Heating		150.0	149.0	165.0	165.0	168.0	149.5	149.0	159.0	157.0	158.5		166.5	166.5	168.0	155.7	155.3	160.7	160.7	161.7	167.0	167.0	168.0
Air flow rate	High	m³/h	11,100	11,100	13,000	13,000	13,700	11,100×2	11,100 × 2	13,000 + 11,100	13,000 + 11,100	13,700 + 11,100		13,700 + 13,000	13,700 + 13,000	13,700 × 2	13,700+11,100×2	13,700+13,000+11,100	13,700 + 13,000 + 11,100	13,700 × 2 + 11,100	13,700×2+13,000	13,700×2+13,000	13,700 × 3	
Sound pressure level*2/ Power level	Cooling	dB(A)	58 / 79	58 / 79	58 / 81	62 / 84	63 / 86	61 / 82	61 / 82	63 / 85	63 / 85	64 / 87		64 / 87	66 / 88	66 / 89	65 / 87	65 / 87	65 / 88	66 / 89	67 / 89	67 / 90	67 / 90	68 / 91
	Heating		59 / 80	60 / 81	60 / 83	64 / 85	65 / 87	63 / 84	63 / 84	65 / 86	65 / 86	66 / 88		66 / 88	68 / 89	68 / 90	67 / 89	67 / 89	67 / 89	68 / 90	69 / 91	69 / 91	69 / 91	70 / 92
Max. External static pressure			Pa	82	82	82	82	82	82	82	82	82		82	82	82	82	82	82	82	82	82	82	82
Compressor motor output			kW	7.5	7.5	11.0	11.0	11.0	7.5×2	7.5 × 2	11.0 + 7.5	11.0 + 7.5	11.0 + 7.5		11.0×2	11.0 × 2	11.0 + 7.5×2	11.0+7.5×2	11.0 × 2 + 7.5	11.0 × 2 + 7.5	11.0 × 2 + 7.5	11.0×3	11.0×3	11.0×3
Heat exchanger fin			Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin
Net Dimensions	Height	mm	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690		1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690
	Width		930	930	1,240	1,240	1,240	930 × 2	930 × 2	1,240 + 930	1,240 + 930	1,240 + 930		1,240 × 2	1,240 × 2	1,240 × 2	1,240 + 930 × 2	1,240 + 930 × 2	1,240 × 2 + 930	1,240 × 2 + 930	1,240 × 2 + 930	1,240 × 3	1,240 × 3	1,240 × 3
	Depth		765	765	765	765	765	765	765	765	765	765		765	765	765	765	765	765	765	765	765	765	765
Weight		kg	252	252	275	275	275	252 × 2	252 × 2	275 + 252	275 + 252	275 + 252		275 × 2	275 × 2	275 × 2	275 + 252 × 2	275 + 252 × 2	275 × 2 + 252	275 × 2 + 252	275 × 2 + 252	275 × 3	275 × 3	275 × 3
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg (CO2eq-T)	11.7 (24.4)	11.7 (24.4)	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)	11.7 × 2 (24.4 × 2)	11.7 × 2 (24.4 × 2)	11.8 + 11.7 (24.6 + 24.4)	11.8 + 11.7 (24.6 + 24.4)	11.8 + 11.7 (24.6 × 2)		11.8 × 2 (24.6 × 2)	11.8 × 2 (24.6 × 2)	11.8 + 11.7 × 2 (24.6 + 24.4 × 2)	11.8 + 11.7 × 2 (24.6 + 24.4 × 2)	11.8 × 2 + 11.7 (24.6 × 2 + 24.4)	11.8 × 2 + 11.7 (24.6 × 2 + 24.4)	11.8 × 2 + 11.7 (24.6 × 2 + 24.4)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	
Connection pipe diameter	Liquid	mm	12.70	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88		15.88	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05
	Gas		22.22	22.22	28.58	28.58	28.58	28.58	28.58	34.92	34.92	34.92		34.92	34.92	34.92	34.92	41.27	41.27	41.27	41.27	41.27	41.27	41.27
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46		-5 to 46	-5 to 46	-5 to 46	-5 to 46	-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	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21		-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21

Energy Efficiency Combination

Rated capacity range		HP	16	20	24	26	28	30	32	34	36	38	40	42	44
Model name			AJY144LALDHH	AJY180LALDHH	AJY216LALDHH	AJY234LALDHH	AJY252LALDHH	AJY270LALDHH	AJY288LALDHH	AJY306LALDHH	AJY324LALDHH	AJY342LALDHH	AJY360LALDHH	AJY378LALDHH	AJY396LALDHH
Unit 1			AJY072LALDH	AJY108LALDH	AJY072LALDH	AJY090LALDH	AJY108LALDH	AJY126LALDH	AJY108LALDH	AJY126LALDH	AJY108LALDH	AJY126LALDH	AJY126LALDH	AJY144LALDH	AJY126LALDH
Unit 2			AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY072LALDH	AJY126LALDH	AJY126LALDH
Unit 3															AJY126LALDH
Maximum connectable indoor units*1			34	43	52	56	60	64	64	64	64	64	64	64	64
Connectable capacity range of indoor units		kW	22.4-67.2	28.0-83.8	33.6-100.8	36.4-109.2	39.2-117.4	42.4-127.2	44.7-134.1	48.0-143.8	50.3-150.7	53.5-160.5	56.8-170.2	60.0-180.0	62.5-187.5
Power source			3-phase, 4-wire, ~400 V, 50 Hz												
Capacity	Cooling	kW	44.8	55.9	67.2	72.8	78.3	84.8	89.4	95.9	100.5	107.0	113.5	120.0	125.0
	Nominal Heating		44.8	55.9	67.2	72.8	78.3	84.8	89.4	95.9	100.5	107.0	113.5	120.0	125.0
	Max. Heating		50.0	62.5	75.0	81.5	87.5	95.0	100.0	107.5	112.5	120.0	127.5	135.0	138.0
Input power	Cooling	kW	11.90	15.49	17.85	20.96	21.44	25.08	25.03	28.67	28.62	32.26	35.90	39.54	43.10
	Nominal Heating		10.84	13.18	16.26	18.28	18.60	22.58	20.94	24.92	23.28	27.26	31.24	35.22	37.24
	Max. Heating		12.52	15.74	18.78	21.50	22.00	26.52	25.22	29.74	28.44	32.96	37.48	42.00	43.02
EER	Cooling	W/W	3.76	3.61	3.76	3.47	3.65	3.38	3.57	3.34	3.51	3.32	3.16	3.03	2.90
COP	Nominal Heating		4.13	4.24	4.13	3.98	4.21	3.76	4.27	3.85	4.32	3.93	3.63	3.41	3.36
	Max. Heating		3.99	3.97	3.99	3.79	3.98	3.58	3.97	3.61	3.96	3.64	3.40	3.21	3.21
SEER		Cooling	7.09	7.21	7.09	6.91	7.17	6.79	7.25	7.03	7.33	7.11	6.89	6.67	6.51
SCOP		Heating	3.83	4.01	3.83	3.82	3.95	3.98	4.07	4.07	4.19	4.19	4.19	4.19	4.22
ηc	Cooling	%	281.0	285.5	281.0	273.7	284.0	275.3	287.0	278.3	290.0	281.3	272.7	264.0	257.3
ηh	Heating		150.0	157.5	150.0	149.7	155.0	155.0	160.0	160.0	165.0	165.0	165.0	165.0	166.0
Air flow rate	High	m³/h	11,100 × 2	13,000 × 11,100	11,100 × 3	11,000 × 3	13,000 × 11,100 × 2	13,000 × 11,100 × 2	13,000 × 2 + 11,100	13,000 × 2 + 11,100	13,000 × 3	13,000 × 3	13,000 × 3	13,000 × 3	13,700 + 13,000 × 2
Sound pressure level*2/ Power level	Cooling	dB(A)	61 / 82	61 / 83	63 / 84	63 / 84	63 / 85	65 / 86	63 / 85	65 / 87	63 / 86	65 / 87	66 / 88	67 / 89	67 / 90
	Heating		62 / 83	63 / 85	64 / 85	64 / 85	64 / 86	66 / 87	64 / 87	66 / 88	65 / 88	67 / 89	68 / 89	69 / 90	69 / 91
Max. External static pressure		Pa	82	82	82	82	82	82	82	82	82	82	82	82	82
Compressor motor output		kW	7.5 × 2	11.0 × 7.5	7.5 × 3	7.5 × 3	11.0 × 7.5 × 2	11.0 × 7.5 × 2	11.0 × 2 + 7.5	11.0 × 2 + 7.5	11.0 × 3	11.0 × 3	11.0 × 3	11.0 × 3	11.0 × 3
Heat exchanger fin			Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin
Net Dimensions	Height	mm	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690
	Width		930 × 2	1,240 × 930	930 × 3	930 × 3	1,240 × 1,240 × 2	1,240 × 930 × 2	1,240 × 2 + 930	1,240 × 2 + 930	1,240 × 3	1,240 × 3	1,240 × 3	1,240 × 3	1,240 × 3
	Depth		765	765	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	252 × 2	275 × 252	252 × 3	252 × 3	275 × 252 × 2	275 × 252 × 2	275 × 2 + 252	275 × 2 + 252	275 × 3	275 × 3	275 × 3	275 × 3	275 × 3
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg (CO2eq-T)	11.7 × 2 (24.4 × 2)	11.8 + 11.7 (24.6 + 24.4)	11.7 × 3 (24.4 × 3)	11.7 × 3 (24.4 × 3)	11.8 + 11.7 × 2 (24.6 + 24.4 × 2)	11.8 + 11.7 × 2 (24.6 + 24.4 × 2)	11.8 × 2 + 11.7 (24.6 × 2 + 24.4)	11.8 × 2 + 11.7 (24.6 × 2 + 24.4)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)
Connection pipe diameter	Liquid	mm	12.70	15.88	15.88	15.88	15.88	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05
	Gas		28.58	28.58	34.92	34.92	34.92	34.92	34.92	34.92	41.27	41.27	41.27	41.27	41.27
Operating Range	Cooling	°CDB	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-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	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21

# VRF INDOOR UNITS







17 types and 95 models available to meet the requirements of any building design.

Indoor units for the VRF Systems are compact, highly efficient, quiet, and user-friendly. Fujitsu General offers a variety of types and capacities for its indoor units that are easy to install and maintain. In addition, a variety of optional parts are available to provide an even more desirable air conditioning experience to users.

- V-058 VRF Indoor Unit Lineup for J-VS
- V-060 Compact Cassette Grid type
- V-062 Low Static Pressure Duct Slim Duct
- V-064 Wall-Mounted
  
- V-066 VRF Indoor Unit Lineup for J-IVS, J-IV, J-IVL, VR-IV, V-IV
- V-068 Compact Cassette Grid type
- V-070 Cassette Slim type Circular Flow
- V-072 Cassette Large type Circular Flow
- V-074 Cassette 1-way Flow type
- V-076 3D Flow Cassette
- V-078 Low Static Pressure Duct Mini Duct
- V-080 Low Static Pressure Duct Slim Duct/Slim Concealed Floor
- V-082 Low Static Pressure Duct
- V-084 Medium Static Pressure Duct
- V-086 High Static Pressure Duct
- V-088 Compact Floor
- V-090 Floor/Ceiling
- V-092 Ceiling
- V-094 Wall-Mounted (EEV Internal/external)



VRF Indoor Unit Lineup for J-**VS**

Capacity range (kW)			1.1	1.7	2.2	2.8	3.6	4.0	4.5	5.6	7.1
Class			4	5	7	9	12	14	14	18	24
Cassette	Compact type		AUXB004HLAH	AUXB005HLAH	AUXB007HLAH	AUXB009HLAH	AUXB012HLAH		AUXB014HLAH	AUXB018HLAH	
	High Efficiency* <sup>1</sup>					AUXN009HLAH	AUXN012HLAH		AUXN014HLAH		
Duct	Slim Duct	 004 - 014      018      024	ARXD004HLAH	ARXD005HLAH	ARXD007HLAH	ARXD009HLAH	ARXD012HLAH		ARXD014HLAH	ARXD018HLAH	ARXD024HLAH
	High Efficiency* <sup>1</sup>	 009 - 014				ARXP009HLAH	ARXP012HLAH		ARXP014HLAH		
Wall-Mounted	EEV Internal	 004 - 014	ASYA004HCAH	ASYA005HCAH	ASYA007HCAH	ASYA009HCAH	ASYA012HCAH	ASYA014HCAH			
	EEV External	 004 - 014	ASYE004HCAH	ASYE005HCAH	ASYE007HCAH	ASYE009HCAH	ASYE012HCAH	ASYE014HCAH			
			This model requires the EV Kit to be connected.								

\*1: Production by order  
Specifications and design are subject to change without notice.  
\*Products other than ducts can be connected to J-IV, J-IVS, J-IVL, V-IV, VR-IV



Cassette  
Compact type



Model: AUXB004HLAH / AUXB005HLAH / AUXB007HLAH / AUXB009HLAH  
AUXB012HLAH / AUXB014HLAH / AUXB018HLAH  
AUXN009HLAH / AUXN012HLAH / AUXN014HLAH \* Production by order



Specifications

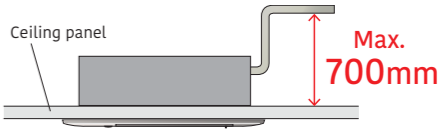
Model name			AUXB004HLAH	AUXB005HLAH	AUXB007HLAH	AUXB009HLAH	AUXB012HLAH	AUXB014HLAH	AUXB018HLAH	AUXN009HLAH	AUXN012HLAH	AUXN014HLAH	
Power source			Single phase, 220-240V, 50Hz								Single phase, 220-240V, 50Hz		
Capacity	Cooling	kW	1.1	1.7	2.2	2.8	3.6	4.5	5.6	2.8	3.6	4.5	
	Heating		1.3	1.9	2.8	3.2	4.1	5.0	6.3	3.2	4.1	5.0	
Input power		W	21	21	23	24	27	33	50	41	71	81	
Airflow rate (Cooling / Heating)*	High	m³/h	530	530	540	550	600	680	820	750	970	1,030	
	Med-High		490 / 480	490 / 480	500	520	560	620	660	550	600	680	
	Med		450 / 430	450 / 430	460	480	520	560	590	480	520	560	
	Med-Low		420 / 380	420 / 380	420	440	480	500	520	440	480	500	
	Low		390 / 340	390 / 340	390	400	430	440	460	400	430	440	
Sound pressure level (Cooling / Heating)*	Quiet	dB(A)	350 / 300	350 / 300	350	350	390	390	400	350	390	390	
	High		34	34	34	35	37	39	45	42	49	50	
	Med-High		32 / 31	32 / 31	32	33	34	37	39	35	37	39	
	Med		30 / 29	30 / 29	30	31	33	34	36	31	33	34	
	Med-Low		28 / 26	28 / 26	28	29	31	32	33	29	31	32	
	Low		27 / 24	27 / 24	27	27	29	30	30	27	29	30	
	Quiet		25 / 21	25 / 21	25	25	27	27	27	25	27	27	
	Net Dimensions (H × W × D)		mm	245 × 570 × 570								245 × 570 × 570	
Weight		kg	14.5	14.5	15	15	15.5	15.5	17	15	15.5	15.5	
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
	Gas (Flare)		9.52	9.52	9.52	9.52	12.70	12.70	12.70	9.52	12.70	12.70	
Drain Hose Diameter (I.D./O.D.)			25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	
Cassette Grille	Model name		UTG-UFYH-W								UTG-UFYH-W		
	Net Dimensions (H × W × D)	mm	49 × 620 × 620								49 × 620 × 620		
	Weight	kg	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	

Note: Specifications are subject to 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]  
\*The value is the same for cooling and heating if there is one value.

Optional parts

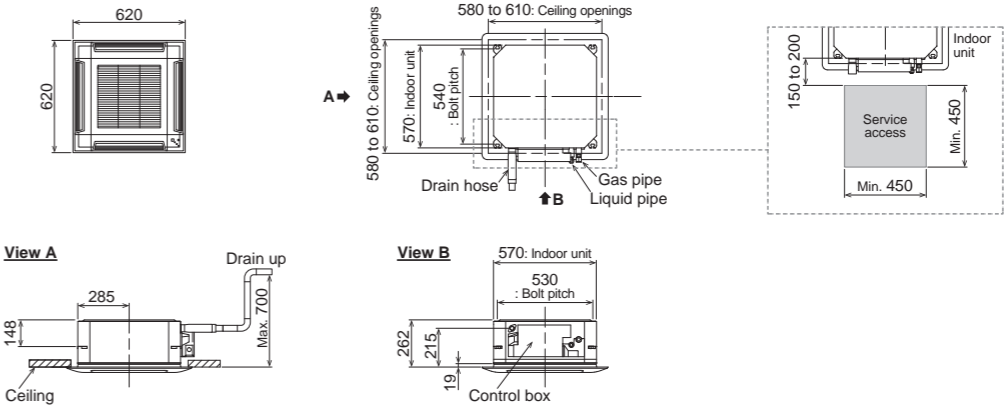
\*For more details, please refer to the chapter “Optional parts”.

Wireless remote controller:	UTY-LNVY	WLAN adapter:	UTY-TFSXZ1, UTY-TFSXJ3,
Fresh Air Intake Kit:	UTZ-VXAA		FG-AC-WIF1Z1
Insulation kit for high humidity:	UTZ-KXGC	Gas Sensor Kit:	UTY-SGZY
Silver Ion Filter:	UTD-HFAA	Expansion Kit:	UTZ-JXXA
Remote Sensor Kit:	UTY-XSZXZ1	Air Outlet Shutter Plate:	UTR-YDZB
Cassette Grille:	UTG-UFYH-W		



Dimensions

(Unit: mm)



Easy Maintenance

You can access the unit for maintenance just by removing a ceiling panel right next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



The air inlet grille can be installed to open in any direction for easy maintenance.



Flexible Installation

The unit fits nicely into the decor of a grid type ceiling and can be installed near a lighting or a ventilation opening.



High Ceiling mode

The cassette can be installed up to a height of 3.0 m. (012/014/018).

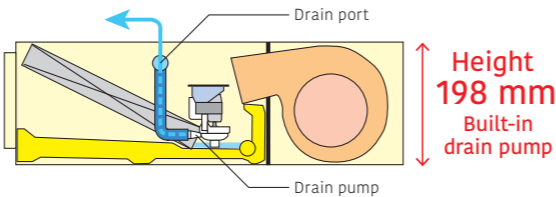
Model code	Maximum height from floor to ceiling (m)	
	Standard mode	High ceiling mode
004	2.7	—
005	2.7	—
007	2.7	—
009	2.7	—
012	2.7	3.0
014	2.7	3.0
018	2.7	3.0

Slim Duct



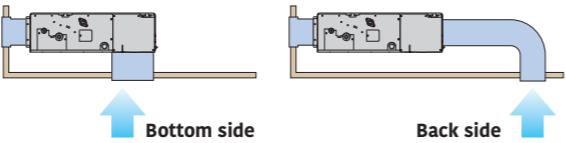
Slim Design

Slim design allows for installation in a tight ceiling space.



Air Intake

Air intake direction can be selected to match the installation site.



Wide Range of Static Pressures

The use of a DC fan motor makes it possible to adjust the static pressure between 0 and 90 Pa. The static pressure range can be changed by a remote controller.



Static pressure range  
**0 to 90 Pa**

\* 024 model static pressure range is 0 to 50 Pa.

Auto Louver Grille Kit (Option)

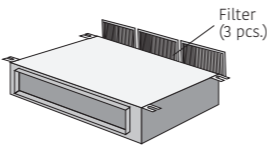
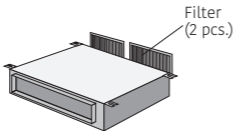
The optional clean-looking flat Auto louver blends into any interior and provides a comfortable airflow.



Filter (Accessory)

ARXD004-018

ARXD024



Model: ARXD004HLAH / ARXD005HLAH / ARXD007HLAH / ARXD009HLAH  
ARXD012HLAH / ARXD014HLAH / ARXD018HLAH / ARXD024HLAH  
ARXP009HLAH / ARXP012HLAH / ARXP014HLAH \* Production by order



ARXD004/005/007/009/012/014HLAH  
ARXP009/012/014HLAH



ARXK018HLAH



ARXK024HLAH

Specifications

Model name			ARXD004HLAH	ARXD005HLAH	ARXD007HLAH	ARXD009HLAH	ARXD012HLAH	ARXD014HLAH	ARXD018HLAH	ARXD024HLAH	ARXP009HLAH	ARXP012HLAH	ARXP014HLAH	
Power source			Single phase, 220-240V, 50Hz								Single phase, 220-240V, 50Hz			
Capacity	Cooling	kW	1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1	2.8	3.6	4.5	
	Heating		1.3	1.9	2.8	3.2	4.0	5.0	6.3	8.0	3.2	4.0	5.0	
Input power		W	38	38	41	47	48	84	76	107	77	128	128	
Airflow rate	High	m³/h	530	530	550	600	580	790	930	1,250	770	940	940	
	Med-High		480	480	520	550	550	720	880	1,180	630	810	810	
	Med		440	440	480	500	520	640	780	1,060	530	660	660	
	Med-Low		410	410	450	460	480	560	670	930	480	580	580	
	Low		370	370	400	400	430	470	580	810	430	490	490	
		Quiet	320	320	360	360	350	370	510	640	380	390	390	
Static pressure range		Pa	0 to 90	0 to 90	0 to 90	0 to 90	0 to 90	0 to 90	0 to 90	0 to 50	0 to 25	0 to 25	0 to 25	
Standard static pressure			25	25	25	25	25	25	25	25	25	25	25	
Sound pressure level	High	dB(A)	26	26	28	29	30	34	34	35	36	40	40	
	Med-High		26	26	26	27	28	32	31	32	32	38	38	
	Med		25	25	25	25	27	30	29	30	28	33	33	
	Med-Low		24	24	24	24	26	28	27	27	27	31	31	
	Low		22	22	22	22	24	25	25	24	25	27	27	
		Quiet	21	21	21	21	22	22	23	21	23	24	24	
Net Dimensions (H × W × D)		mm	198 × 700 × 620						198 × 900 × 620		198 × 1,100 × 620		198 × 700 × 620	
Weight		kg	16	16	16.5	16.5	17	17	21	25	16.5	17	17	
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	9.52	6.35	6.35	6.35	
	Gas (Flare)		9.52	9.52	9.52	9.52	12.70	12.70	12.70	15.88	9.52	12.70	12.70	
Drain Hose Diameter (I.D./O.D.)			25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	

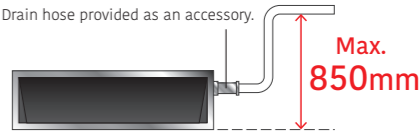
Note: Specifications are subject to the following conditions:  
Cooling: Indoor temperature of 27°CDB/19°CWB, and outdoor temperature of 35°CDB/24°CWB.  
Heating: Indoor temperature of 20°CDB/(15°CWB), and outdoor temperature of 7°CDB/6°CWB.  
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m. Voltage: 230 [V]  
\*1: This value is under cooling operation.

Optional parts

\*For more details, please refer to the chapter "Optional parts".

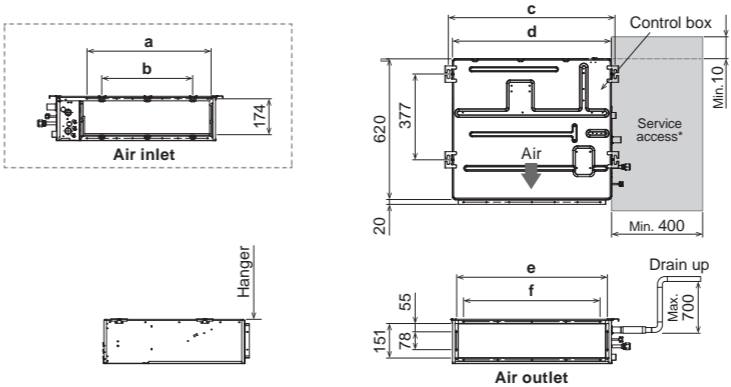
Wireless remote controller:	UTY-LNVY*	Auto Louver Grille Kit:	UTD-GXTA-W (004-014)
Remote sensor unit:	UTY-XSZXZ1		UTD-GXTB-W (018)
IR receiver unit:	UTY-TRHX		UTD-GXTC-W (024)
WLAN adapter:	UTY-TFSXJ3	Silver Ion Filter:	UTD-HFTA (004-014)
	UTY-TFSXZ1		UTD-HFTB (018)
	FG-AC-WIFI21		UTD-HFTC (024)
Expansion Kit:	UTZ-JXXA	Gas Sensor Kit:	UTY-SGZY

\*IR receiver unit (UTY-TRHX) is required.



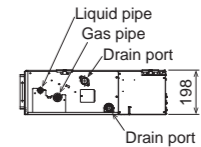
Dimensions

(Unit: mm)



	ARXD004-014HLAH	ARXD018HLAH	ARXD024HLAH
a	574	774	974
b	P200x2=400	P200x3=600	P200x4=800
c	734	934	1,134
d	700	900	1,100
e	650	850	1,050
f	P100x6=600	P100x8=800	P100x10=1,000

\*The design of the service access depends on the installation method. Refer to the installation manual for more information.



Wall-Mounted



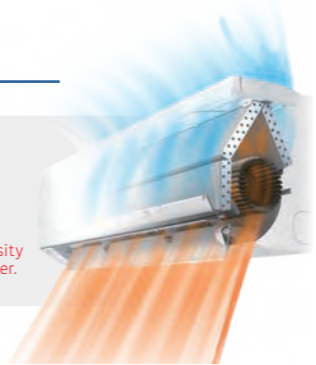
Highly-Efficiency, Compact Design

The 004-014 models share the same design. The high-density and large heat exchanger achieves a highly-efficiency and compact design. The compact body blends in well with conference rooms and offices, providing comfortable air conditioning.

High-density heat exchanger



**Slim tube design: 5 mm**  
Greater heat-exchanging capacity is achieved through the use of a high-density heat exchanger and a sub-heat exchanger.



More Comfortable Airflow

The unique power diffuser provides comfortable air conditioning.

Heating

The vertical airflow provides powerful floor-level heating.



Cooling

The left/right airflow avoids blowing cool air directly at the occupants in a room.

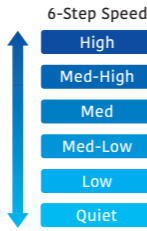


Quiet Operation & 6-Step Fan Speed Control

The airflow pattern achieves significant noise reduction. Multistep airflow adjustment to suit the environment

Quiet mode  
**37 dB(A)**

009 model: HI

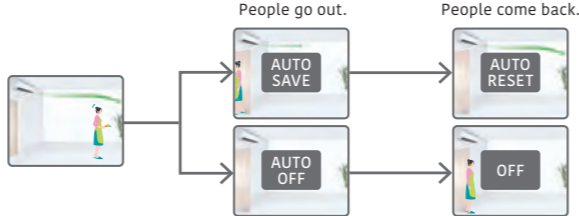


\* Remote controller is compatible with the following:  
UTY-RVRY / UTY-LNVY / UTY-RNRYZ5 / UTY-RLRY / UTY-RSRY / UTY-RHRY / UTY-DCGYZ3 / UTY-ALGXZ1 / UTY-APGXZ1

The Occupancy Sensor Contributes to Further Energy Savings.

Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

\* If you want to use the Occupancy sensor control' function, you need an setting device that can set the Occupancy sensor control' function. For example: Wired RC (Touch panel).



**Model:** [EEV Internal]  
ASYA004HCAH / ASYA005HCAH / ASYA007HCAH  
ASYA009HCAH / ASYA012HCAH / ASYA014HCAH  
  
[EEV External]  
ASYE004HCAH / ASYE005HCAH / ASYE007HCAH  
ASYE009HCAH / ASYE012HCAH / ASYE014HCAH



Specifications

Model name			ASYA004HCAH	ASYA005HCAH	ASYA007HCAH	ASYA009HCAH	ASYA012HCAH	ASYA014HCAH	ASYE004HCAH	ASYE005HCAH	ASYE007HCAH	ASYE009HCAH	ASYE012HCAH	ASYE014HCAH
Power source			Single phase, 220-240V, 50Hz						Single phase, 220-240V, 50Hz					
Capacity	Cooling	kW	1.1	1.7	2.2	2.8	3.6	4.0	1.1	1.7	2.2	2.8	3.6	4.0
	Heating		1.3	1.9	2.8	3.2	4.0	4.5	1.3	1.9	2.8	3.2	4.0	4.5
Input power		W	12	12	16	19	25	35	12	12	16	19	25	35
Airflow rate	High	m³/h	450	450	550	590	660	770	450	450	550	590	660	770
	Med-High		430	430	490	550	590	710	430	430	490	550	590	710
	Med		400	400	450	490	550	650	400	400	450	490	550	650
	Med-Low		380	380	390	420	510	590	380	380	390	420	510	590
	Low		360	360	360	360	450	530	360	360	360	360	450	530
	Quiet		310	310	320	320	320	320	310	310	320	320	320	320
Sound pressure level	High	dB(A)	31	31	34	37	40	44	31	31	34	37	40	44
	Med-High		30	30	32	34	37	42	30	30	32	34	37	42
	Med		28	28	30	32	34	40	28	28	30	32	34	40
	Med-Low		27	27	28	29	33	37	27	27	28	29	33	37
	Low		26	26	26	26	30	34	26	26	26	26	30	34
	Quiet		22	22	22	22	22	22	22	22	22	22	22	22
Net Dimensions (H × W × D)		mm	268 × 840 × 203						268 × 840 × 203					
Weight		kg	8	8	8.5	8.5	8.5	8.5	8	8	8.5	8.5	8.5	8.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
	Gas (Flare)		9.52	9.52	9.52	9.52	12.70	12.70	9.52	9.52	9.52	9.52	12.70	12.70
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to16.7						13.8/15.8 to16.7					
EV Kit (optional)			—	—	—	—	—	—	UTR-EV09XC			UTR-EV14XC		

Note: Specifications are subject to 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 connecting ASY\*004G\*\*H, ASY\*007G\*\*H, ASY\*009G\*\*H to an outdoor unit other than the outdoor unit of the J-IVL series, the gas pipe diameter should be Ø12.70 mm.

Optional parts

\*For more details, please refer to the chapter "Optional parts".

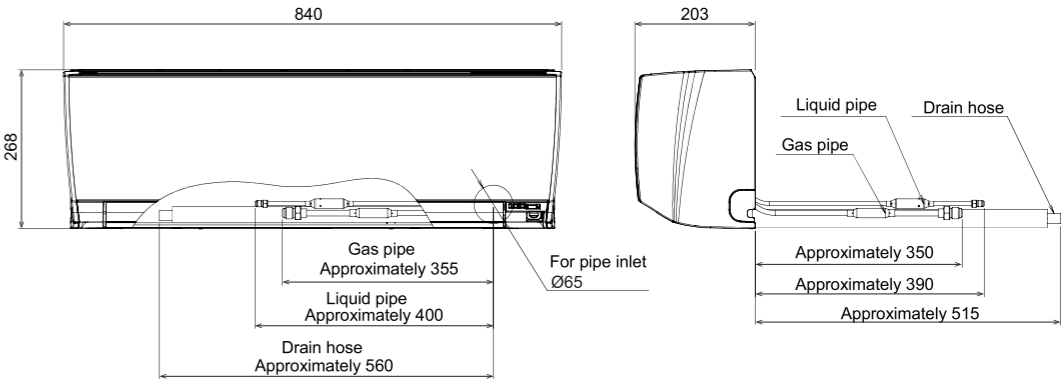
Wireless remote controller: UTY-LNVY  
Silver Ion Filter: UTR-FA16-5

Expansion Kit: UTY-JXXA  
Remote Sensor Kit: UTY-XSZXZ1


















WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3,FG-AC-WIF1Z1  
Gas Sensor Kit: UTY-SGZY

Dimensions

(Unit: mm)



## VRF Indoor Unit Lineup for J-IVS J-IV J-IVL VR-IV V-IV

Capacity range (kW)			1.1	2.2	2.8	3.6	4.0	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	14	18	24	30	34	36	45	54	60	72	90	96	
Cassette	Compact type			AUXB 004 GLEH	AUXB 007 GLEH	AUXB 009 GLEH	AUXB 012 GLEH		AUXB 014 GLEH	AUXB 018 GLEH	AUXB 024 GLEH									
	Circular Flow Range	Slim type								AUXM 018 GLEH	AUXM 024 GLEH	AUXM 030 GLEH								
		Large type								AUXK 018 GLEH	AUXK 024 GLEH	AUXK 030 GLEH	AUXK 034 GLEH	AUXK 036 GLEH	AUXK 045 GLEH	AUXK 054 GLEH				
	1-way Flow		 004 - 012    014 - 024	AUXV 004 GLEH	AUXV 007 GLEH	AUXV 009 GLEH	AUXV 012 GLEH		AUXV 014 GLEH	AUXV 018 GLEH	AUXV 024 GLEH									
	3D Flow									AUXS 018 GLEH	AUXS 024 GLEH									
Duct	Mini Duct		 004 - 014    018    024	ARXK 004 GLGH	ARXK 007 GLGH	ARXK 009 GLGH	ARXK 012 GLGH		ARXK 014 GLGH	ARXK 018 GLGH	ARXK 024 GLGH									
	Slim Duct		 04/007 - 014    018    024	ARXD 04 GALH*2	ARXD 007 GLEH	ARXD 009 GLEH	ARXD 012 GLEH		ARXD 014 GLEH	ARXD 018 GLEH	ARXD 024 GLEH									
	Low Static Pressure High Efficiency*3									ARXP 018 GLFH		ARXP 030 GLFH								
	Medium static pressure										ARXA 024 GLEH	ARXA 030 GLEH			ARXA 036 GLEH	ARXA 045 GLEH				
	High Static Pressure		 036/45 - 60    072 - 090    096												ARXC 036 GTEH	ARXC 045 GTEH		ARXC 060 GTEH*1	ARXC 072 GTEH*1	ARXC 090 GTEH*1
Floor	Floor (*Same as Ceiling models)						ABYA 012 GTEH		ABYA 014 GTEH	ABYA 018 GTEH	ABYA 024 GTEH									
	Slim Concealed Floor (*Same as Slim Duct models)		 04/007 - 014    018    024	ARXD 04 GALH*2	ARXD 007 GLEH	ARXD 009 GLEH	ARXD 012 GLEH		ARXD 014 GLEH	ARXD 018 GLEH	ARXD 024 GLEH									
	Compact	EEV Internal		AGYA 004 GCGH	AGYA 007 GCGH	AGYA 009 GCGH	AGYA 012 GCGH	AGYA 014 GCGH												
		EEV External		AGYE 004 GCEH	AGYE 007 GCEH	AGYE 009 GCEH	AGYE 012 GCEH	AGYE 014 GCEH												
			This model requires the EV Kit to be connected.																	
Ceiling			 012 - 024    030 - 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	EEV Internal		 004 - 014    18 - 24    030 - 034	ASYA 004 GCGH	ASYA 007 GCGH	ASYA 009 GCGH	ASYA 012 GCGH	ASYA 014 GCGH		ASYA 18 GBCH	ASYA 24 GBCH	ASYA 030 GTEH	ASYA 034 GTEH							
	EEV External		 004 - 014	ASYE 004 GCEH	ASYE 007 GCEH	ASYE 009 GCEH	ASYE 012 GCEH	ASYE 014 GCEH												
			This model requires the EV Kit to be connected.																	

\*1: ARXC060/072/090/096G cannot be connected to J-IVS/J-IV series.

\*2: ARXD04GALH cannot be connected to J-IVS/J-IV/J-IVL/VR-IV series.

\*3: Production by order

Specifications and design are subject to change without notice.

Compact  
Cassette



Model: AUXB004GLEH / AUXB007GLEH / AUXB009GLEH  
AUXB012GLEH / AUXB014GLEH / AUXB018GLEH  
AUXB024GLEH



Specifications

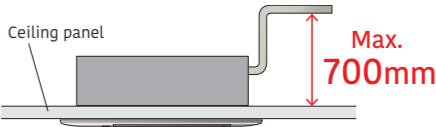
Model name			AUXB004GLEH	AUXB007GLEH	AUXB009GLEH	AUXB012GLEH	AUXB014GLEH	AUXB018GLEH	AUXB024GLEH
Power source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.3	2.8	3.2	4.1	5.0	6.3	8.0
Input power		W	23	25	25	29	35	36	84
Airflow rate	High	m³/h	530/530	540	550	600	680	710	1,030
	Med-High		490/480	500	520	560	620	660	910
	Med		450/430	460	480	520	560	590	790
	Med-Low		420/380	420	440	480	500	520	680
	Low		390/340	390	400	430	440	460	560
	Quiet		350/300	350	350	390	390	400	450
Sound pressure level	High	dB(A)	34/34	34	35	37	38	41	50
	Med-High		32/31	32	33	34	37	39	46
	Med		30/29	30	31	33	34	36	43
	Med-Low		28/26	28	29	31	32	33	39
	Low		27/24	27	27	29	30	30	35
	Quiet		25/21	25	25	27	27	27	30
Net Dimensions (H × W × D)		mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight		kg	14.5	15	15	15	15	17	17
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		9.52	9.52	9.52	12.70	12.70	12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32						
Cassette Grille	Model name		UTG-UFYE-W/UTG-UFYC-W						
	Net Dimensions (H × W × D)	mm	49 × 620 × 620/50 × 700 × 700						
	Weight	kg	2.3/2.6						

Note: Specifications are subject to 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]  
\*1: This value is under cooling operation.

Optional parts

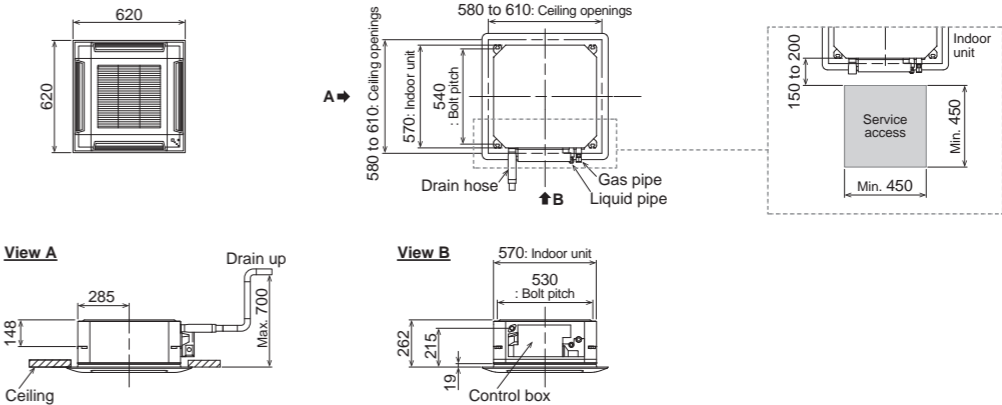
\*For more details, please refer to the chapter “Optional parts”.

Air Outlet Shutter Plate:	UTR-YDZB	Cassette Grille:	UTG-UFYC-W, UTG-UFYE-W
Fresh Air Intake Kit:	UTZ-VXAA	External power supply unit:	UTZ-GXXA, UTZ-GXXC*
Insulation Kit for high humidity:	UTZ-KXGC	WLAN adapter:	UTY-TFSXZ1, UTY-TFSXJ3,
Silver Ion Filter:	UTD-HFAA		FG-AC-WIF1Z1
Remote Sensor Kit:	UTY-XSZXZ1		



Dimensions

(Unit: mm)



Easy Maintenance

You can access the unit for maintenance just by removing a ceiling panel right next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



The air inlet grille can be installed to open in any direction for easy maintenance.



Flexible Maintenance

The unit fits nicely into the decor of a grid type ceiling and can be installed near a lighting or a ventilation opening.



High Ceiling Mode

The cassette can be installed up to a height of 3.0 m. (012/014/018/024).

Model code	Maximum height from floor to ceiling (m)	
	Standard mode	High ceiling mode
004	2.7	—
007	2.7	—
009	2.7	—
012	2.7	3.0
014	2.7	3.0
018	2.7	3.0
024	2.7	3.0

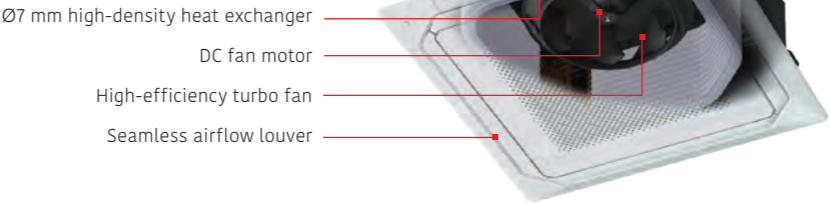
Circular Flow  
Cassette

Slim type



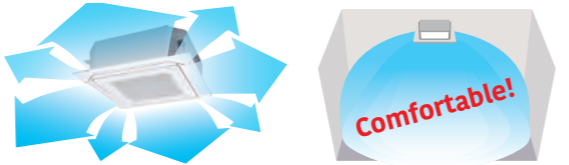
Unique Circular Flow Design

This Cassette type air conditioner is equipped with a high performance DC fan motor, a turbo fan, and a louver to propel powerful airflows in all directions.



Uniform Temperature Air Conditioning

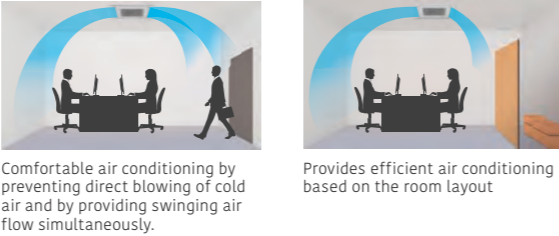
Achieve a comfortable air conditioning spread to every corner of the room thanks to the circular flow and wide vertical airflow.



Individual Louver Control

Each louver can be set individually by the Touch panel wired remote controller so the user can enjoy the comfort of different directional airflows according to the room layout.

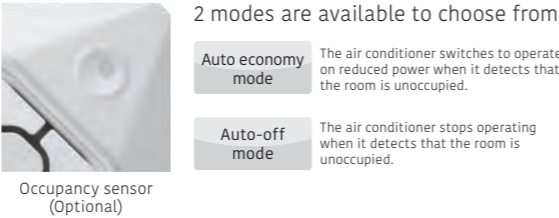
\* UTY-RNRYZ5 Wired remote controller with touch panel and UTY-DCGYZ3 Central remote controller only



The Occupancy Sensor Contributes to  
Further Energy Savings.

Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

\* UTY-RNRYZ5 Wired remote controller with touch panel and UTY-DCGYZ3 Central remote controller only



Model: AUXM018GLEH / AUXM024GLEH / AUXM030GLEH



Specifications

Model name			AUXM018GLEH	AUXM024GLEH	AUXM030GLEH
Power source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	kW	5.6	7.1	9.0
	Heating		6.3	8.0	10.0
Input power		W	20	25	49
Airflow rate	High	m³/h	1,050	1,120	1,470
	Med-High		930	1,050	1,160
	Med		900	930	1,070
	Med-Low		870	900	930
	Low		810	870	900
	Quiet		780	780	780
Sound pressure level	High	dB(A)	33	35	40
	Med-High		32	33	36
	Med		31	32	34
	Med-Low		30	31	32
	Low		29	30	31
	Quiet		28	28	28
Dimensions (H × W × D)		mm	246 × 840 × 840		
Weight		kg	24.0	24.5	24.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	9.52	9.52
	Gas (Flare)		12.70	15.88	15.88
Drain Hose Diameter (I.D./O.D.)			25/32		
Cassette Grille	Model name		UTG-UKYC-W/UTG-UKYA-B		
	Dimensions (H × W × D)	mm	53 × 950 × 950		
	Weight	kg	6.0		

Note: Specifications are subject to 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 an outdoor unit other than one of the J-IVL series, the pipe diameter should be Ø9.52/Ø15.88 mm (Liquid/Gas).  
When connecting AUXK036GLEH, AUXK045GLEH, and AUXK054GLEH to an outdoor unit other than the outdoor unit of the J-IVL series, the gas pipe diameter should be Ø19.05 mm.

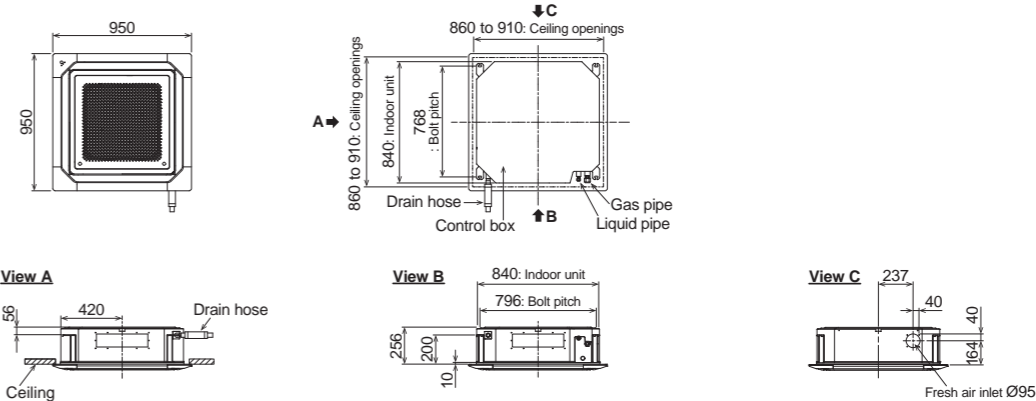
Optional parts

\*For more details, please refer to the chapter "Optional parts".

Occupancy Sensor Kit: UTY-SHZXC	Air Outlet Shutter Plate: UTR-YDZK	IR Receiver Unit: UTY-LBHXD
Wide Panel: UTG-AKXA-W	Insulation Kit for high humidity: UTZ-KXRA	WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3,FG-AC-WIF1Z1
Panel Spacer: UTG-BKXA-W	Cassette Grille: UTG-UKYC-W, UTG-UKYA-B	Silver Ion Filter: UTD-HFRA
Fresh Air Intake Kit: UTZ-VXRA	External power supply unit: UTZ-GXXA, UTZ-GXXC*	Remote Sensor Kit: UTY-XSZXZ1

Dimensions

(Unit: mm)



Circular Flow  
Cassette

Large type



Model: AUXK018GLEH / AUXK024GLEH / AUXK030GLEH  
AUXK034GLEH / AUXK036GLEH / AUXK045GLEH  
AUXK054GLEH



Specifications

Model name			AUXK018GLEH	AUXK024GLEH	AUXK030GLEH	AUXK034GLEH	AUXK036GLEH	AUXK045GLEH	AUXK054GLEH
Power source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	kW	5.6	7.1	9.0	10.0	11.2	12.5	14.0
	Heating		6.3	8.0	10.0	11.2	12.5	14.0	16.0
Input power		W	40	40	47	47	61	89	116
Airflow rate	High	m³/h	1,420	1,420	1,440	1,440	1,620	1,820	2,040
	Med-High		1,360	1,360	1,400	1,400	1,500	1,590	1,800
	Med		1,300	1,300	1,340	1,340	1,400	1,500	1,590
	Med-Low		1,270	1,270	1,300	1,300	1,340	1,400	1,440
	Low		1,200	1,200	1,280	1,280	1,280	1,300	1,300
	Quiet		1,150	1,150	1,150	1,150	1,150	1,150	1,150
Sound pressure level	High	dB(A)	38	38	39	39	41	44	47
	Med-High		37	37	38	38	40	42	45
	Med		36	36	37	37	38	40	42
	Med-Low		35	35	36	36	37	38	39
	Low		34	34	35	35	36	36	36
	Quiet		33	33	33	33	33	33	33
Dimensions (H × W × D)		mm	288 × 840 × 840						
Weight		kg	26.5	26.5	29.5	29.5	29.5	29.5	29.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Gas (Flare)		12.70	15.88	15.88	15.88	15.88	15.88	15.88
Drain Hose Diameter (I.D./O.D.)			25/32						
Cassette Grille	Model name		UTG-UKYC-W/UTG-UKYA-B						
	Dimensions (H × W × D)	mm	53 × 950 × 950						
	Weight	kg	6.0						

Note: Specifications are subject to 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 an outdoor unit other than one of the J-IVL series, the pipe diameter should be Ø9.52/Ø15.88 mm (Liquid/Gas).  
When connecting AUXK036GLEH, AUXK045GLEH, and AUXK054GLEH to an outdoor unit other than the outdoor unit of the J-IVL series, the gas pipe diameter should be Ø19.05 mm.

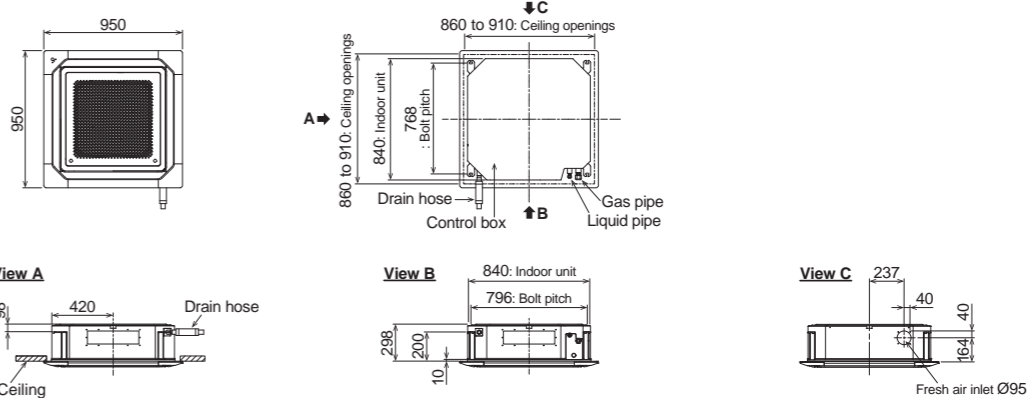
Optional parts

\*For more details, please refer to the chapter "Optional parts".

Occupancy Sensor Kit: UTY-SHZXC	Air Outlet Shutter Plate: UTR-YDZK	IR Receiver Unit: UTY-LBHXD
Wide Panel: UTG-AKXA-W	Insulation Kit for high humidity: UTZ-KXRA	WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3,FG-AC-WIF1Z1
Panel Spacer: UTG-BKXA-W	Cassette Grille: UTG-UKYC-W, UTG-UKYA-B	Silver Ion Filter: UTD-HFRA
Fresh Air Intake Kit: UTZ-VXRA	External power supply unit: UTZ-GXXA, UTZ-GXXC*	Remote Sensor Kit: UTY-XSZXZ1

Dimensions

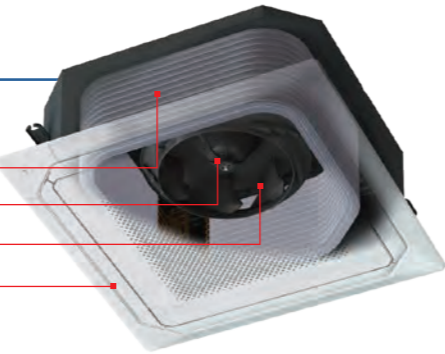
(Unit: mm)



Unique Circular Flow Design

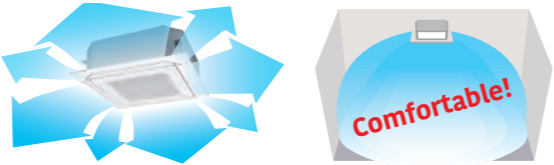
This Cassette type air conditioner is equipped with a high performance DC fan motor, a turbo fan, and a louver to propel powerful airflows in all directions.

Ø7 mm high-density heat exchanger  
DC fan motor  
High-efficiency turbo fan  
Seamless airflow louver



Uniform Temperature Air Conditioning

Achieve a comfortable air conditioning spread to every corner of the room thanks to the circular flow and wide vertical airflow.



Individual Louver Control

Each louver can be set individually by the Touch panel wired remote controller so the user can enjoy the comfort of different directional airflows according to the room layout.

\* UTY-RNRYZ5 Wired remote controller with touch panel and  
UTY-DCGYZ3 Central remote controller only



Comfortable air conditioning by preventing direct blowing of cold air and by providing swinging air flow simultaneously.



Provides efficient air conditioning based on the room layout

The Occupancy Sensor Contributes to Further Energy Savings.

Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

\* UTY-RNRYZ5 Wired remote controller with touch panel and  
UTY-DCGYZ3 Central remote controller only



Occupancy sensor (Optional)

2 modes are available to choose from:

Auto economy mode	The air conditioner switches to operate on reduced power when it detects that the room is unoccupied.
Auto-off mode	The air conditioner stops operating when it detects that the room is unoccupied.

1-way Flow  
Cassette

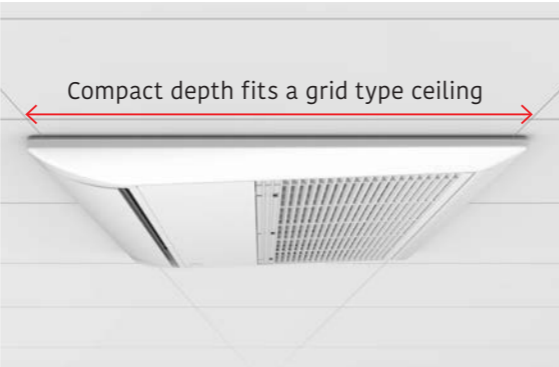


Compact Chassis Size

The compact size allows easy installation in a variety of commercial facilities and environments.

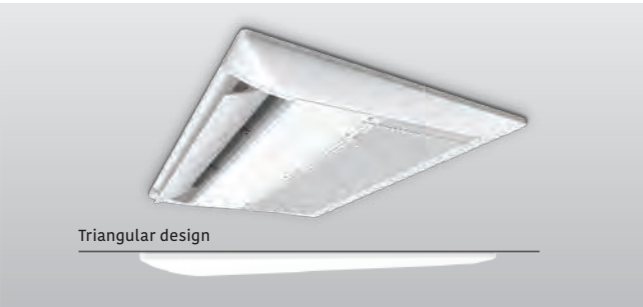
- The height of the chassis is less than 200 mm for all models.
- All 4 to 12 kBTu models are less than 1,000 mm wide.
- The depth of the chassis is 570 mm, which fits nicely into a grid type ceiling.

Dimensions (Panel size)						(Unit: mm)	
	4	7	9	12	14	18	24
H		198 (43)				198 (43)	
W		785 (950)				1,190 (1,360)	
D		570 (620)				570 (620)	



Wide Airflow Range

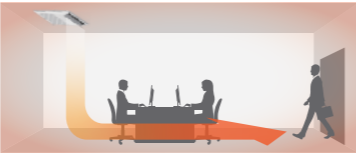
A large flap with a wide range of movements, equipped with louvers arranged triangularly, sends air into every corner of the room.



In cooling mode, the left/ right airflow reaches every corner of the room without directly touching the human body to provide comfortable air conditioning.



In heating mode, warm air is directed downward toward the floor to warm the feet and lower body, while the head is kept relatively cool.



Note: This is a conceptual drawing. The performance of an air conditioner may vary depending on where it is installed, the size of the room, and its distance from the wall.

Quiet Mode

The low operating noise makes the model ideal for use in hotel rooms.



Model: AUXV004GLEH / AUXV007GLEH / AUXV009GLEH  
AUXV012GLEH / AUXV014GLEH / AUXV018GLEH  
AUXV024GLEH



AUXV004/007/009/012GLEH



AUXV014/018/024GLEH

Specifications

Model name			AUXV004GLEH	AUXV007GLEH	AUXV009GLEH	AUXV012GLEH	AUXV014GLEH	AUXV018GLEH	AUXV024GLEH
Power source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.3	2.8	3.2	4.0	5.0	6.3	8.0
Input power		W	30/30	42/42	42/42	60/60	38/38	56/56	99/99
Airflow rate*	High	m³/h	460	550	550	670	720	890	1,150
	Med-High		440	440	440	520	660	840	1,020
	Med		420	420	420	480	630	770	940
	Med-Low		400	400	400	450	600	710	790
	Low		380	380	380	410	580	660	700
	Quiet		360	360	360	360	550	580	610
Sound pressure level*	High	dB(A)	38	42	42	45	37	44	49
	Med-High		37	37	37	41	36	43	47
	Med		36	36	36	39	35	40	45
	Med-Low		35	35	35	38	34	38	42
	Low		33	33	33	36	33	36	39
	Quiet		32	32	32	32	32	34	36
Net Dimensions (H × W × D)		mm	198 × 785 × 570	198 × 785 × 570	198 × 785 × 570	198 × 785 × 570	198 × 1,190 × 570	198 × 1,190 × 570	198 × 1,190 × 570
Weight		kg	18	19	19	19	26	26	27
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		9.52	9.52	9.52	12.70	12.70	12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32						
Cassette Grille	Model name		UTG-UNYA-W				UTG-UNYB-W		
	Net Dimensions (H × W × D)		mm				43 × 950 × 620		
	Weight		kg				8.5		

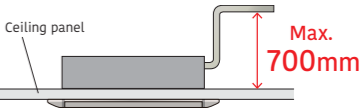
Note: Specifications are subject to the following conditions:  
Cooling: Indoor temperature of 27°CDB/19°CWB, and outdoor temperature of 35°CDB/24°CWB.  
Heating: Indoor temperature of 20°CDB/(15°CWB), and outdoor temperature of 7°CDB/6°CWB.  
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m. Voltage: 230 [V]

Optional parts \*For more details, please refer to the chapter "Optional parts".

WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIFI21  
IR Receiver Unit: UTY-TRHX  
Cassette Grille: UTG-UNYA-W (004-012),  
UTG-UNYB-W (014-024)  
External power supply unit: UTZ-GXXA, UTZ-GXXC\*  
Remote sensor kit: UTY-XSZXZ1

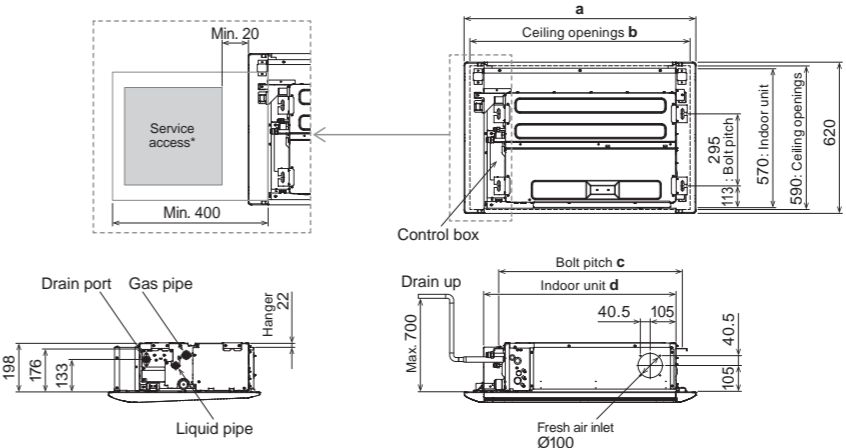
Flexible Installation

The L-shaped pipe kit allows for more flexible installation.  
Equipped with a built-in drain pump as standard, which enables a maximum pipe height difference of 700 m from the ceiling.



Dimensions

(Unit: mm)



	AUXV 004 / 007 / 009 / 012 GLEH	AUXV 014 / 018 / 024 GLEH
a	950	1,360
b	920	1,330
c	752	1,152
d	785	1,190

\*The design of the service access depends on the installation method. Refer to the installation manual for more information.

3D Flow  
Cassette



Model: AUXS018GLEH / AUXS024GLEH



Specifications

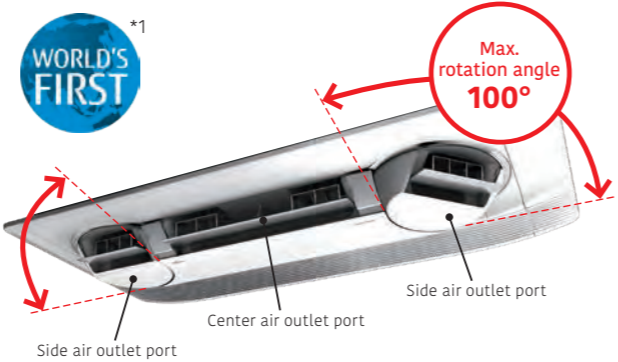
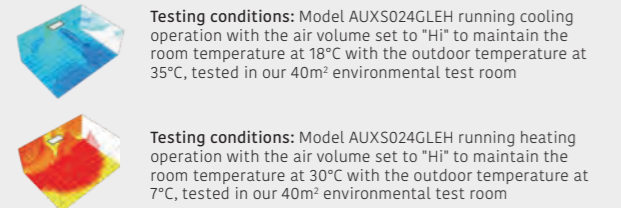
Model name			AUXS018GLEH	AUXS024GLEH
Power source			Single phase, ~230 V, 50 Hz	
Capacity	Cooling	kW	5.60	7.10
	Heating		6.30	8.00
Input power		W	20/28	34/43
Airflow rate*	High	m³/h	750/870	950/1,040
	Med-High		710/830	890/990
	Med		690/780	860/930
	Med-Low		660/740	810/880
	Low		630/700	770/840
	Quiet		540/540	540/540
Sound pressure level*	High	dB(A)	38/41	43/46
	Med-High		36/40	42/45
	Med		35/39	41/43
	Med-Low		35/37	40/42
	Low		33/36	38/40
	Quiet		29/29	29/29
Net Dimensions (H × W × D)		mm	200 × 1,240 × 500	200 × 1,240 × 500
Weight		kg	25	25
Connection pipe diameter	Liquid (Flare)	mm	6.35	9.52
	Gas (Flare)		12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32	
Cassette Grille	Model name		UTG-USYA-W	
	Net Dimensions (H × W × D)	mm	85 × 1,350 × 580	
	Weight	kg	11.5	

Note: Specifications are subject to 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]  
\*: Applicable to cooling and heating operation

3 Individually Controlled Air Outlet Ports

The Comfortable airflow setting enables the left and right air outlet ports as well as the wide center port to work together to provide a comfortable room environment.

Temperature distribution during cooling and heating  
(when set to Comfortable airflow)



\*1: Announced 2018. In the category of room air conditioners for the home (source: Fujitsu General Limited).

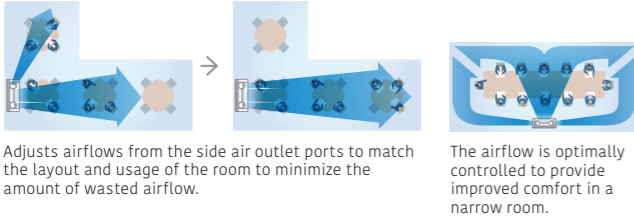
Optional parts

\*For more details, please refer to the chapter "Optional parts".

WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1  
IR Receiver Unit: UTY-TRHX  
Cassette Grille: UTG-USYA-W  
Remote sensor kit: UTY-XSZXZ1  
External power supply unit: UTZ-GXXA, UTZ-GXXC\*

Individual Airflow Setting

The individual airflow setting function optimizes the airflow direction to match the room layout.



Individual control of air outlet ports

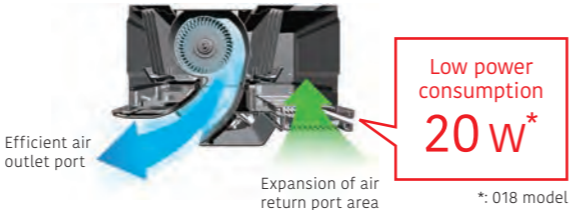
Individual airflow can be set using a Wired remote controller with touch panel, Design type and Central remote controller\*. The airflow from each air outlet port can be set individually.



\* Feature available only on UTY-RNRYZ5 Wired remote controller with touch panel and UTY-DCGYZ3 Central remote controller

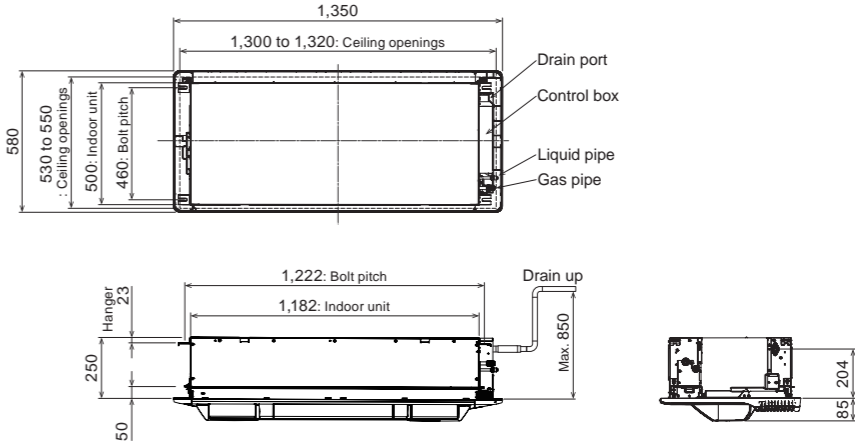
High Energy Saving

The structural design to take in a larger volume of air and blow air out more smoothly reduces air blowing loss and achieves class-leading energy-saving performance.



Dimensions

(Unit: mm)

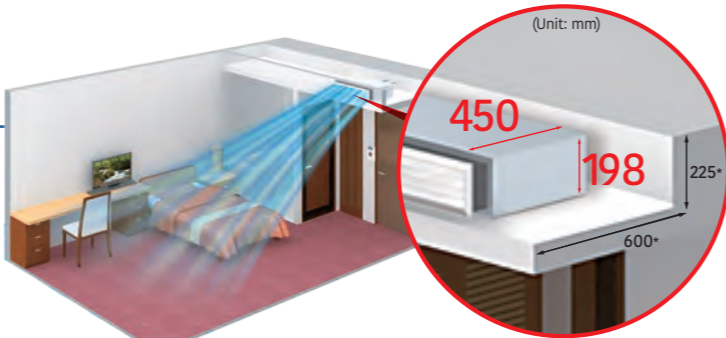


Mini Duct



Space Saving Design

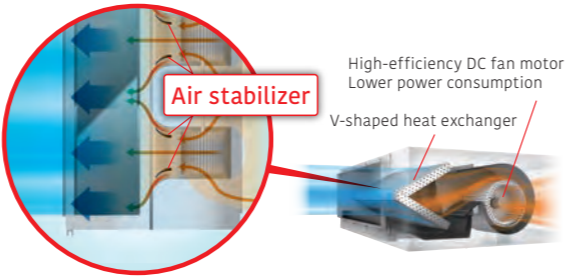
- Fits into a space 198 mm high and 450 mm deep
- 30% smaller than previous-generation models
- Weighs 16 kg, 10% lighter



\*: Minimum clearance requirement

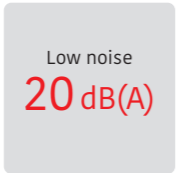
Optimum Airflow Path and Low Noise Operation

The stabilized airflow reduces the noise level significantly.

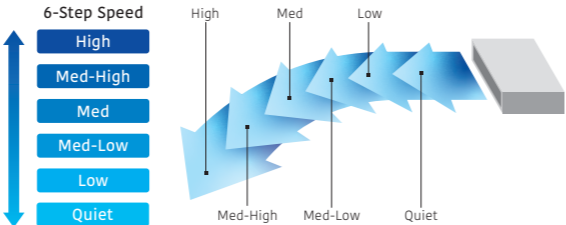


6-Speed Control\*

Multistep airflow adjustment allows installation in a quiet location.



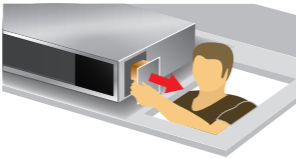
at 04 model



\* Remote controller is compatible with the following:  
UTY-RVRY / UTY-RNRVZ5 / UTY-RLRY / UTY-RSRY / UTY-RHRY / UTY-DCGYZ3 / UTY-ALGXZ1 / UTY-APGXZ1

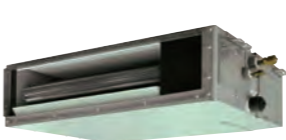
Easy to Design and Maintain for Drain

Indoor unit design for easy maintenance Parts can be replaced from the side of the unit where maintenance is easier.

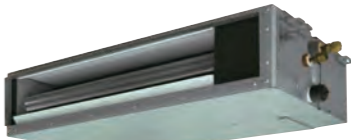


A drain pump is built into the unit as standard:  
Parts can be accessed and replaced through the side of the unit for easy maintenance.

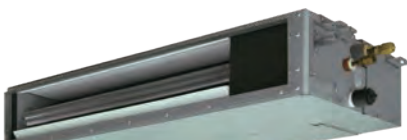
Model: ARXK004GLGH / ARXK007GLGH / ARXK009GLGH  
ARXK012GLGH / ARXK014GLGH / ARXK018GLGH  
ARXK024GLGH



ARXK004/007/009/012/014GLGH



ARXK018GLGH



ARXK024GLGH

Specifications

Model name			ARXK004GLGH	ARXK007GLGH	ARXK009GLGH	ARXK012GLGH	ARXK014GLGH	ARXK018GLGH	ARXK024GLGH
Power source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.3	2.8	3.2	4.0	5.0	6.3	8.0
Input power		W	26	28	28	35	66	73	80
Airflow rate	High	m³/h	460	460	460	550	760	930	1,160
	Med-High		440	440	440	520	660	840	1,060
	Med		420	420	420	480	560	740	960
	Med-Low		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 30	0 to 30	0 to 30	0 to 50	0 to 50	0 to 50
Standard static pressure			10	10	10	10	15	15	15
Sound pressure level	High	dB(A)	25	26	26	29	34	33	32
	Med-High		24	25	25	27	31	30	30
	Med		23	24	24	26	28	28	28
	Med-Low		22	23	23	25	26	26	27
	Low		21	22	22	24	24	24	25
	Quiet		20	21	21	22	22	22	22
Net Dimensions (H × W × D)		mm	198 × 700 × 450	198 × 700 × 450	198 × 700 × 450	198 × 700 × 450	198 × 700 × 450	198 × 900 × 450	198 × 1,100 × 450
Weight		kg	14.5	15.5	15.5	16	16	19	22.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		9.52	9.52	9.52	12.70	12.70	12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32						

Note: Specifications are subject to 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].

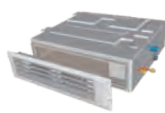
Optional parts

\*For more details, please refer to the chapter “Optional parts”.

Remote sensor unit:	UTY-XSZXZ1	External power supply unit:	UTZ-GXXA, UTZ-GXXC*
IR receiver unit:	UTY-TRHX	Auto Louver Grille Kit:	UTD-GXTA-W (004-014)
Silver Ion Filter:	UTD-HFTA (004-014)		UTD-GXTB-W (018)
	UTD-HFTB (018)		UTD-GXTC-W (024)
	UTD-HFTC (024)	WLAN adapter:	FG-AC-WIFI21
			UTY-TFSXJ3, UTY-TFSXZ1 (007-024)

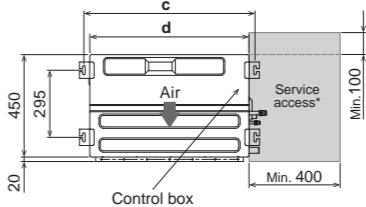
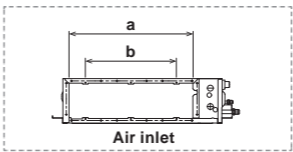
Auto Louver Grille Kit (Optional)

The slim design of the unit provides comfortable cooling and heating air conditioning over a wide area.  
The optional automatic louver grille, which fits nicely into any interior decor, provides comfortable air conditioning (Optional)



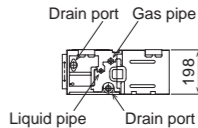
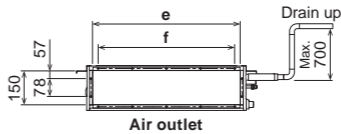
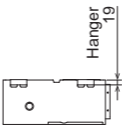
Dimensions

(Unit: mm)



	ARXK004-014GLGH	ARXK018GLGH	ARXK024GLGH
a	575	775	975
b	P200x2=400	P200x3=600	P200x4=800
c	752	952	1,152
d	700	900	1,100
e	650	850	1,050
f	P100x6=600	P100x8=800	P100x10=1,000

\*The design of the service access depends on the installation method. Refer to the installation manual for more information.

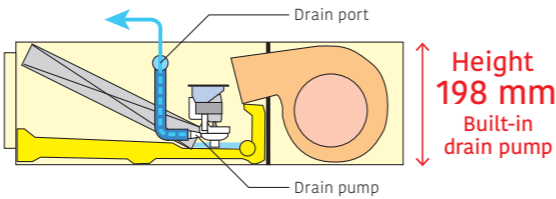


Slim Duct/  
Slim Concealed  
Floor



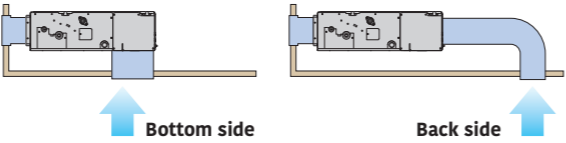
Slim Design

Slim design allows for installation in a tight ceiling space.



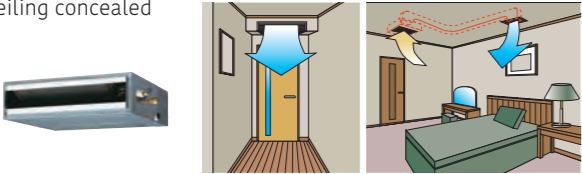
Air Intake

Air intake direction can be selected to match the installation site.

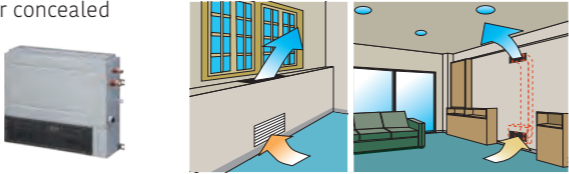


Flexible Installation

Ceiling concealed



Floor concealed



Wide Range of Static Pressures

The use of a DC fan motor makes it possible to adjust the static pressure between 0 and 90 Pa. The static pressure range can be changed by a remote controller.

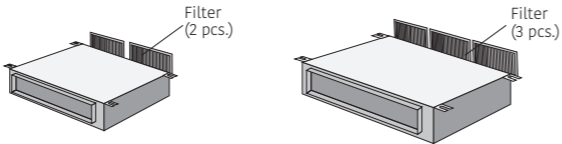


Static pressure range  
**0 to 90 Pa**

\*024 model static pressure range is 0 to 50 Pa.

Filter (Accessory)

ARXD04/007/009/012/014/018 ARXD024



Model: ARXD04GALH / ARXD007GLEH / ARXD009GLEH  
ARXD012GLEH / ARXD014GLEH / ARXD018GLEH  
ARXD024GLEH



ARXD04GALH  
ARXD007/009/012/014GLEH



ARXD018GLEH



ARXD024GLEH

Slim  
Concealed  
Floor



Specifications

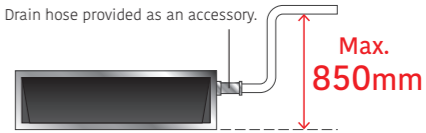
Model name			ARXD04GALH*	ARXD007GLEH	ARXD009GLEH	ARXD012GLEH	ARXD014GLEH	ARXD018GLEH	ARXD024GLEH
Power source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.3	2.8	3.2	4.0	5.0	6.3	8.0
Input power		W	40	44	50	54	92	83	122
Airflow rate	High	m³/h	510	550	600	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 90	0 to 90	0 to 50
Standard static pressure			Pa	25	25	25	25	25	25
Sound pressure level	High	dB(A)	26	28	29	30	34	34	35
	Med-High		-	26	27	28	32	31	31
	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 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620	198 × 1,100 × 620
Weight		kg	17	17	17	18	18	22	26
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		12.70	9.52	9.52	12.70	12.70	12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32						

Note: Specifications are subject to 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].  
\*1: This value is under cooling operation.  
\*: ARXD04GALH cannot be connected to J-IVS/J-IV/J-IVL/VR-IV series.

Optional parts

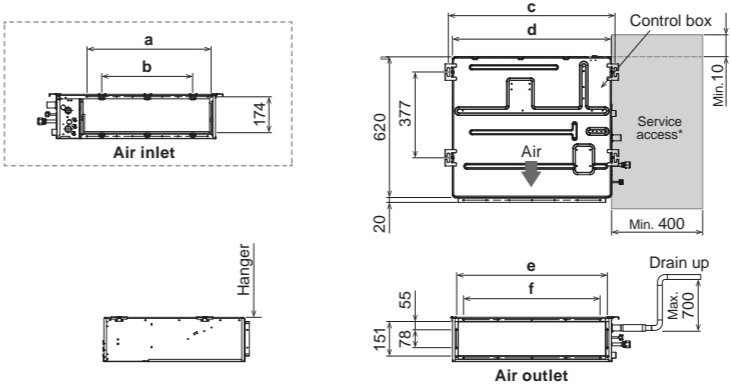
\*For more details, please refer to the chapter “Optional parts”.

Remote sensor unit:	UTY-XSZXZ1	External power supply unit:	UTZ-GXXA, UTZ-GXXC*
IR receiver unit:	UTB-YWC (04) UTY-TRHX (007-024) UTY-TFSXJ3 (007-024) UTY-TFSXZ1 (007-024) FG-RC-WIF1Z2 (04) FG-AC-WIF1Z1 (007-024)	Auto Louver Grille Kit:	UTD-GXTA-W (04, 007-014) UTD-GXTB-W (018) UTD-GXTC-W (024) UTD-HFTA (04, 007-014) UTD-HFTB (018) UTD-HFTC (024)
WLAN adapter:		Silver Ion Filter:	



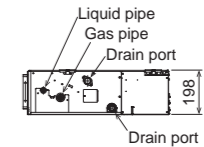
Dimensions

(Unit: mm)



	ARXD04GALH ARXD007-014GLEH	ARXD018GLEH	ARXD024GLEH
a	574	774	974
b	P200x2=400	P200x3=600	P200x4=800
c	734	934	1,134
d	700	900	1,100
e	650	850	1,050
f	P100x6=600	P100x8=800	P100x10=1,000

\*The design of the service access depends on the installation method. Refer to the installation manual for more information.



Low Static Pressure Duct  
High Efficiency

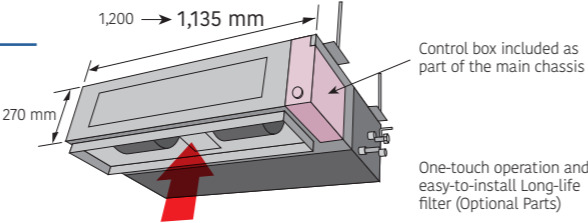


Model: ARXP018GLFH / ARXP030GLFH \* Production by order



Slim & Compact Design

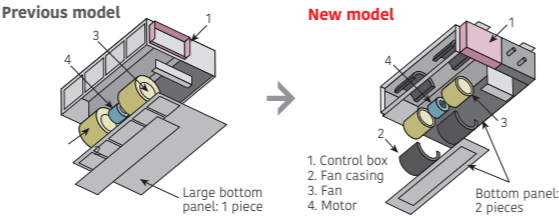
The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



Easy Maintenance

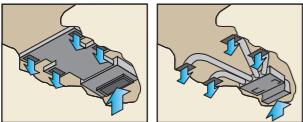
Structural improvement has been developed by making the bottom panel in two pieces, front and rear. The internal fan casing is also manufactured in two pieces—upper and lower. The motor and fan can be easily accessed and maintained by removing the rear panel and the lower casing with the main chassis remaining in place.

See below for rear-suction type

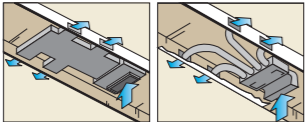


Installation Styles

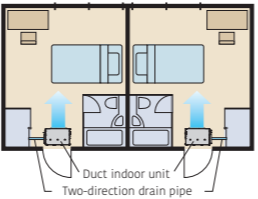
Embedded in Ceiling



Hanging from Ceiling

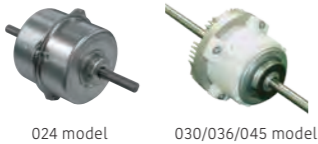


A Drain Pipe can be Installed on Either The Left or Right Side of The Unit



High-Efficiency DC Fan Motor Achieves Low-Energy Consumption.

Improved motor efficiency from previous model.



Wide Range of Static Pressures

Static pressures can be changed in the range of 0 to 80 Pa.

Static pressure range  
**0 to 80 Pa**

Specifications

Model name			ARXP018GLFH	ARXP030GLFH
Power source			Single-phase, ~220V, 50Hz	
Capacity	Cooling	kW	5.6	9.0
	Heating		6.3	10.0
Input power		W	128	228
Airflow rate	High	m³/h	1,540 / 1,440	1,940 / 1,660
	Med-High		1,460 / 1,380	1,810 / 1,580
	Med		1,380 / 1,320	1,680 / 1,510
	Med-Low		1,300 / 1,260	1,550 / 1,440
	Low		1,220 / 1,200	1,420 / 1,370
	Quiet		1,150 / 1,150	1,300 / 1,300
Static pressure range		Pa	0 to 80	0 to 80
Standard static pressure			40	50
Sound pressure level	High	dB(A)	35 / 34	39 / 36
	Med-High		34 / 32	38 / 35
	Med		32 / 31	36 / 34
	Med-Low		31 / 30	34 / 33
	Low		29 / 29	32 / 31
	Quiet		28 / 28	30 / 30
Net Dimensions (H × W × D)		mm	270 × 1,135 × 700	270 × 1,135 × 700
Weight		kg	40	40
Connection pipe diameter	Liquid (Flare)	mm	6.35	9.52
	Gas (Flare)		12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32	

Note: Specifications are subject to 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].

Optional parts

\*For more details, please refer to the chapter "Optional parts".

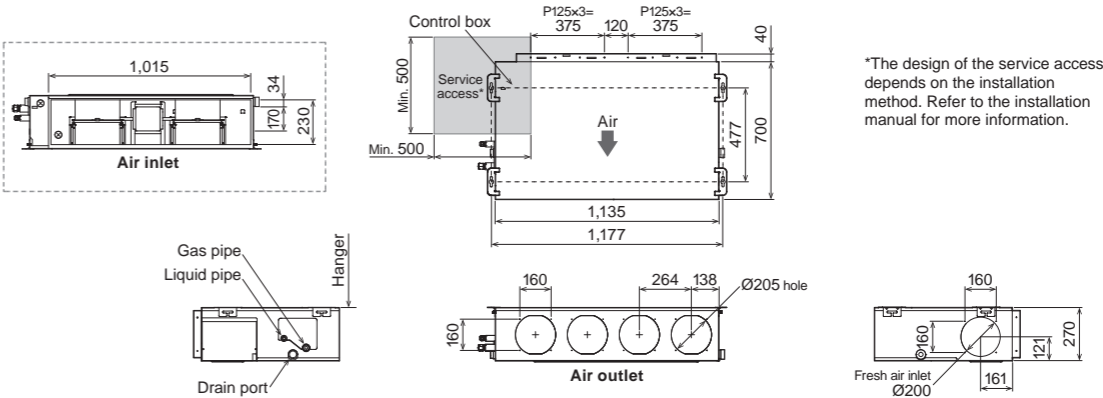
Long-life filter: UTD-LF25NA  
Flange (square): UTD-SF045T  
Flange (round): UTD-RF204

External power supply unit: UTZ-GXXA, UTZ-GXXC\*  
Remote sensor unit: UTY-XSZXZ1  
IR receiver unit: UTY-TRHX

Drain pump unit: UTZ-PX1NBA  
WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1  
Silver Ion Filter: UTD-HFND

Dimensions

(Unit: mm)



\*The design of the service access depends on the installation method. Refer to the installation manual for more information.

Medium Static Pressure Duct



Model: ARXA024GLEH / ARXA030GLEH / ARXA036GLEH / ARXA045GLEH



Specifications

Model name			ARXA024GLEH	ARXA030GLEH	ARXA036GLEH	ARXA045GLEH
Power source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	7.1	9.0	11.2	12.5
	Heating		8.0	10.0	12.5	14.0
Input power		W	94	108	194	240
Airflow rate	High	m³/h	1,280	1,410	1,840	1,970
	Med-High		1,180	1,350	1,750	1,910
	Med		1,090	1,280	1,660	1,860
	Med-Low		1,000	1,240	1,600	1,780
	Low		920	1,190	1,530	1,710
	Quiet		840	1,150	1,470	1,640
Static pressure range		Pa	0 to 150	0 to 150	0 to 150	0 to 150
Standard static pressure		dB(A)	40	50	50	60
Sound pressure level	High		31	34	37	41
	Med-High		29	33	36	40
	Med		27	32	35	38
	Med-Low		26	31	35	38
	Low		24	30	34	37
Quiet	23	29	33	36		
Net Dimensions (H × W × D)		mm	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700
Weight		kg	36	40	40	43
Connection pipe diameter	Liquid (Flare)	mm	9.52	9.52	9.52	9.52
	Gas (Flare)		15.88	15.88	15.88	15.88
Drain Hose Diameter (I.D./O.D.)			25/32			

Note: Specifications are subject to 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].

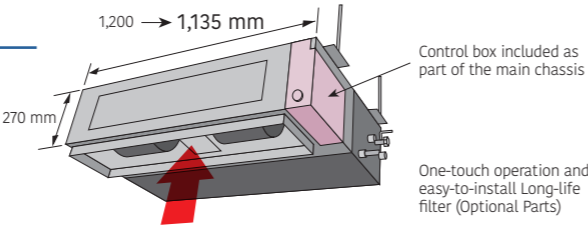
Optional parts

\*For more details, please refer to the chapter "Optional parts".

Long-life filter: UTD-LF25NA	External power supply unit: UTZ-GXXA, UTZ-GXXC*	Drain pump unit: UTZ-PX1NBA
Flange (square): UTD-SF045T	Remote sensor unit: UTY-XSZXZ1	WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1
Flange (round): UTD-RF204	IR receiver unit: UTY-TRHX	Silver Ion Filter: UTD-HFND

Slim & Compact Design

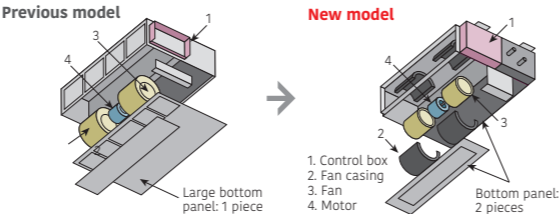
The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



Easy Maintenance

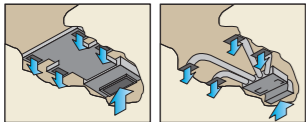
Structural improvement has been developed by making the bottom panel in two pieces, front and rear. The internal fan casing is also manufactured in two pieces—upper and lower. The motor and fan can be easily accessed and maintained by removing the rear panel and the lower casing with the main chassis remaining in place.

See below for rear-suction type

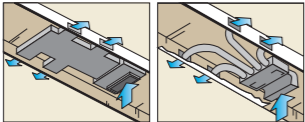


Installation Styles

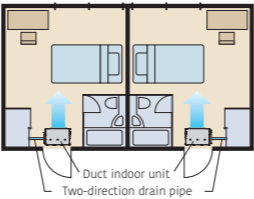
Embedded in Ceiling



Hanging from Ceiling

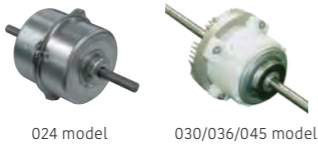


A Drain Pipe can be Installed on Either The Left or Right Side of The Unit



High-Efficiency DC Fan Motor Achieves Low-Energy Consumption.

Improved motor efficiency from previous model.



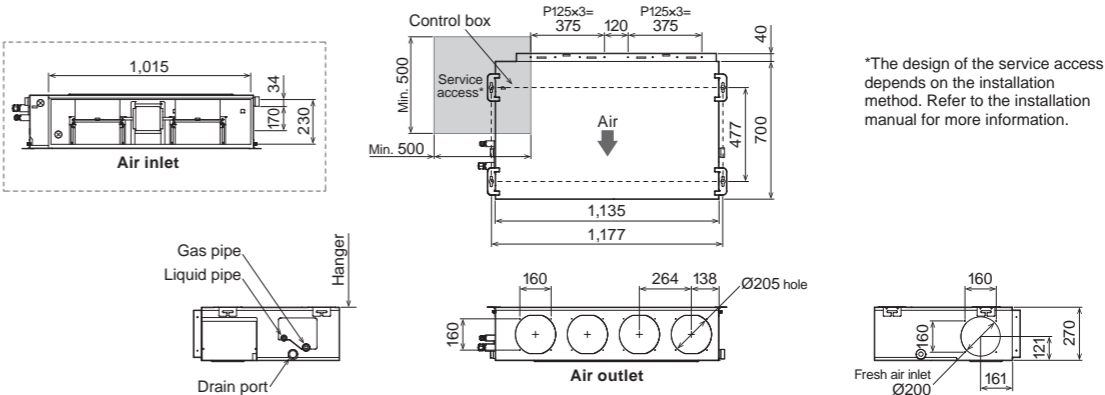
Wide Range of Static Pressures

Static pressures can be changed in the range of 0 to 150 Pa.

Static pressure range  
**0 to 150 Pa**

Dimensions

(Unit: mm)



High Static Pressure Duct



Model: ARXC036GTEH / ARXC045GTEH / ARXC060GTEH  
ARXC072GTEH / ARXC090GTEH / ARXC096GTEH



ARXC036/045/060GTEH



ARXC072/090GTEH



ARXC096GTEH

Specifications

Model name			ARXC036GTEH	ARXC045GTEH	ARXC060GTEH*	ARXC072GTEH*	ARXC090GTEH*	ARXC096GTEH*
Power source			Single phase, ~230 V, 50 Hz					
Capacity	Cooling	kW	11.2	12.5	18.0	22.4	25.0	28.0
	Heating		12.5	14.0	20.0	25.0	28.0	31.5
Input power		W	207	715	730	681	819	838
Airflow rate	High	m³/h	1,990	3,500	3,500	3,900	4,300	4,850
	Med		1,680	3,000	3,000	3,300	4,000	4,250
	Low		1,330	2,460	2,460	3,000	3,500	3,600
Static pressure range		Pa	0 to 200	100 to 250	100 to 250	0 to 300	0 to 300	0 to 300
Standard static pressure			100	100	100	150	150	150
Sound pressure level	High	dB(A)	42	49	49	47	48	48
	Med		36	45	45	43	46	45
	Low		32	42	42	40	44	42
Net Dimensions (H × W × D)		mm	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	450 × 1,587 × 700	450 × 1,587 × 700	550 × 1,587 × 700
Weight		kg	40	46	46	84	84	105
Connection pipe diameter	Liquid	mm	9.52 (Flare)	9.52 (Flare)	9.52 (Flare)	9.52 (Flare)	9.52 (Flare)	9.52 (Brazing)
	Gas		15.88 (Flare)	15.88 (Flare)	15.88 (Flare)	19.05 (Flare)	19.05 (Flare)	22.22 (Brazing)
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]  
\*: ARXC060/072/090/096G cannot be connected to J-IV/J-IVS series.

Optional parts

\*For more details, please refer to the chapter “Optional parts”.

Long-life filter: UTD-LF60KA (036/045/060)  
IR receiver unit:UTY-TRHX

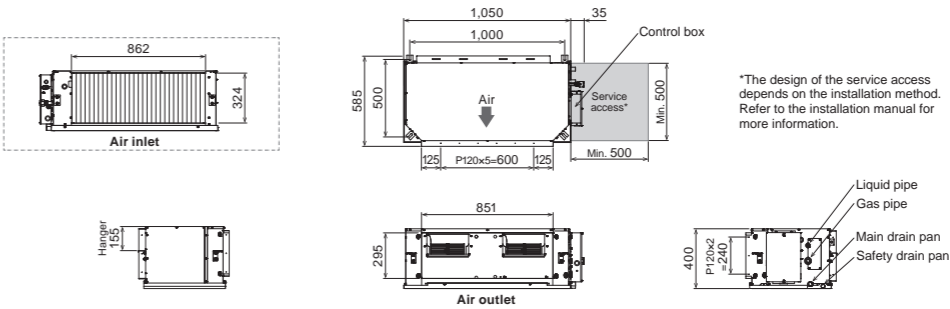
External power supply unit: UTZ-GXXA, UTZ-GXXC\*  
Remote sensor unit: UTY-XSXZ1

WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1  
Silver Ion Filter:UTD-HFKB (036/045/060)

Dimensions

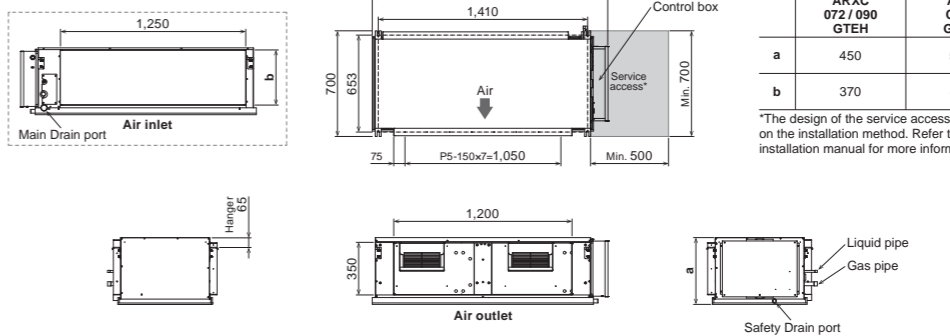
(Unit: mm)

Models: ARXC036/ARXC045/ARXC060



\*The design of the service access depends on the installation method. Refer to the installation manual for more information.

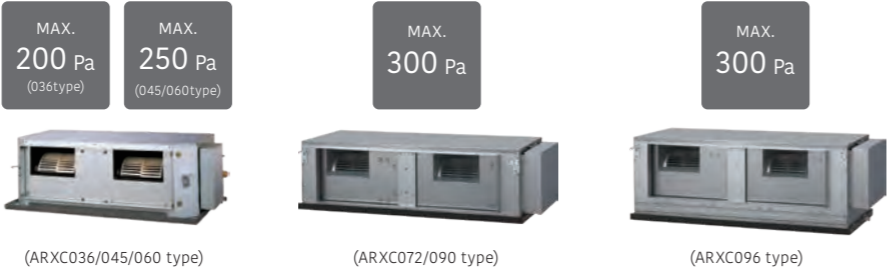
Models: ARXC072/ARXC090/ARXC096



\*The design of the service access depends on the installation method. Refer to the installation manual for more information.

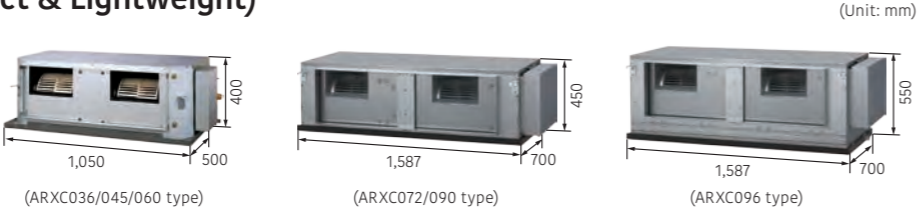
Static Pressure Mode Selection

The use of a DC fan motor makes it possible to adjust the static pressure between 0 to 200 Pa (ARXC036) / 250Pa (ARXC045/060) / 300 Pa (ARXC072/090/096)



Easy Installation (Compact & Lightweight)

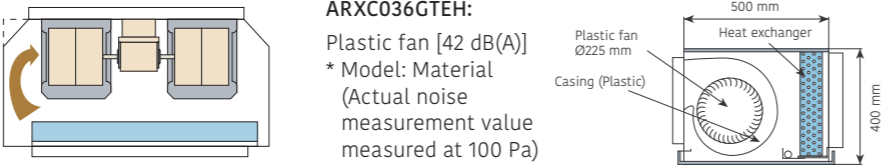
The indoor unit is designed to be compact and light by reducing the basic chassis size and the overall material weight.



Low Noise

Models: ARXC036/ARXC045/ARXC060

The corners of the front panel and fan casing of the indoor unit are shaved to reduce air turbulence. The use of a plastic case and fan reduces the noise level generated by the unit.



High-Efficiency DC Fan Motor Achieves Low Energy Consumption.

Improved motor efficiency compared to the previous model



Compact floor



Model: [EEV Internal]  
AGYA004GCGH / AGYA007GCGH / AGYA009GCGH  
AGYA012GCGH / AGYA014GCGH

[EEV External]  
AGYE004GCEH / AGYE007GCEH / AGYE009GCEH  
AGYE012GCEH / AGYE014GCEH



Specifications

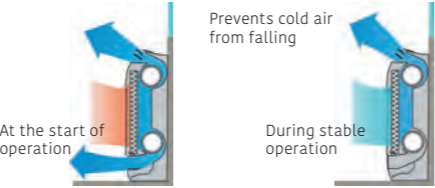
Model name			AGYA004GCGH	AGYA007GCGH	AGYA009GCGH	AGYA012GCGH	AGYA014GCGH	AGYE004GCEH	AGYE007GCEH	AGYE009GCEH	AGYE012GCEH	AGYE014GCEH
Power source			Single phase, ~230 V, 50 Hz					Single phase, ~230 V, 50 Hz				
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.0	1.1	2.2	2.8	3.6	4.0
	Heating		1.3	2.8	3.2	4.0	4.5	1.3	2.8	3.2	4.0	4.5
Input power		W	12/14	16	17	22	29	14	16	17	22	29
Airflow rate	High	m³/h	380/430	470	500	590	670	380/430	470	500	590	670
	Med-High		350	420	450	520	590	350	420	450	520	590
	Med		320	390	400	470	520	320	390	400	470	520
	Med-Low		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
Sound pressure level	High	dB(A)	35/36	37	38	42	46	35/36	37	38	42	46
	Med-High		33	35	36	39	42	33	35	36	39	42
	Med		31	33	34	37	39	31	33	34	37	39
	Med-Low		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 × W × D)		mm	600 × 740 × 200					600 × 740 × 200				
Weight		kg	15.0	15.0	15.0	15.0	15.0	14.5	14.5	14.5	14.5	14.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
	Gas (Flare)		9.52	9.52	9.52	12.70	12.70	9.52	9.52	9.52	12.70	12.70
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to16.7					13.8/15.8 to16.7				
EV kit (optional)			-					UTR-EV09XB			UTR-EV14XB	

Note: Specifications are subject to 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 connecting AGHA004/007/009GCGH, AGHE004/007/009GCEH to an outdoor unit other than an outdoor unit of the J-IVL series, the gas pipe diameter should be Ø12.70 mm.

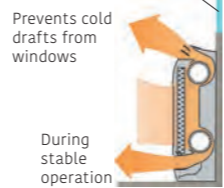
2-Fan and Wide Airflow

A 2-fan individual vertical airflow cools or warms the entire room comfortably.

Cooling

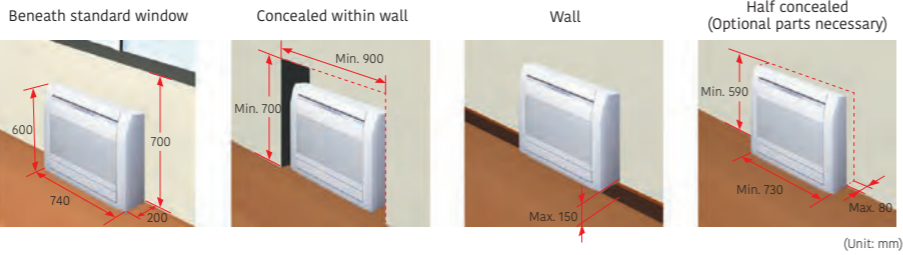


Heating



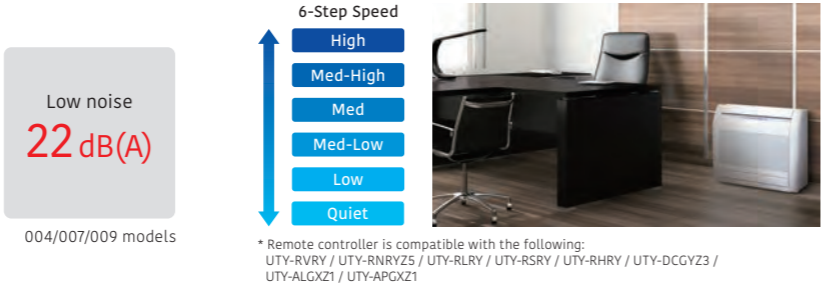
Flexible and Easy Installation

The compact and whole-surface suction design provides flexible installation options, including floor-standing, embedded, partially embedded, and wall-mounted installation to match the room layout.



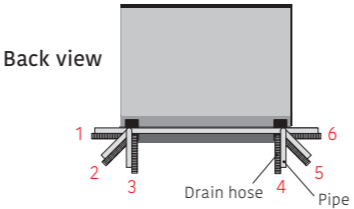
Quiet Operation

6-fan speed control for quiet operation (via 2-wire controller)



Flexible Pipe Connection Enables Draining and Piping in 6 Directions

The drain hose and pipe can be connected to the unit in the right, left, straight in depth, or downward direction.



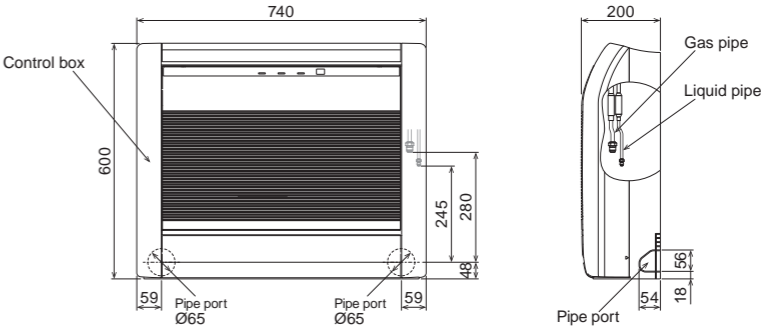
Optional parts

\*For more details, please refer to the chapter "Optional parts".

Partially concealing kit: UTR-STA  
Silver Ion Filter: UTR-FA03-5  
External power supply unit: UTZ-GXXA, UTZ-GXXC\*  
WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1

Dimensions

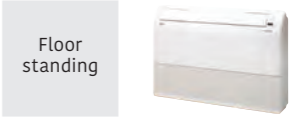
(Unit: mm)



Floor/Ceiling



Model: ABYA012GTEH / ABYA014GTEH / ABYA018GTEH / ABYA024GTEH



Specifications

Model name			ABYA012GTEH	ABYA014GTEH	ABYA018GTEH	ABYA024GTEH
Power source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	3.6	4.5	5.6	7.1
	Heating		4.0	5.0	6.3	8.0
Input power		W	30	42	74	99
Airflow rate	High	m³/h	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
Sound pressure level	High	dB(A)	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 × W × D)		mm	199 × 990 × 655	199 × 990 × 655	199 × 990 × 655	199 × 990 × 655
Weight		kg	25	26	26	27
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	9.52
	Gas (Flare)		12.70	12.70	12.70	15.88
Drain Hose Diameter (I.D./O.D.)			25/32			

Note: Specifications are subject to 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]

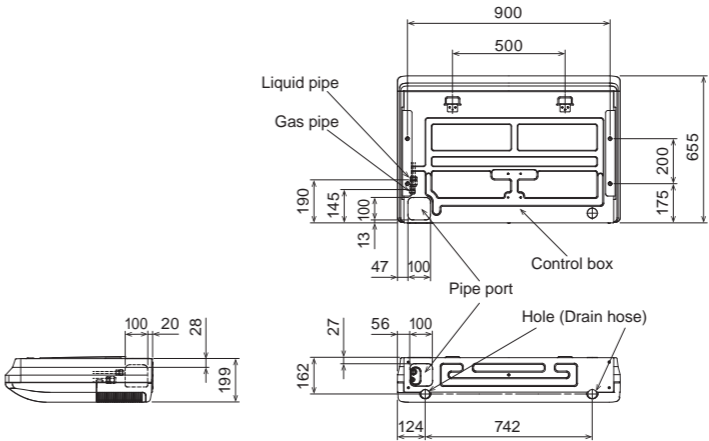
Optional parts

\*For more details, please refer to the chapter “Optional parts”.

External power supply unit: UTZ-GXXA, UTZ-GXXC\*  
WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIFI21  
Remote sensor unit: UTY-XSZXZ1

Dimensions

(Unit: mm)



Flexible Installation

Example of floor standing installation

Floor standing console with the back against the wall



Example of ceiling installation

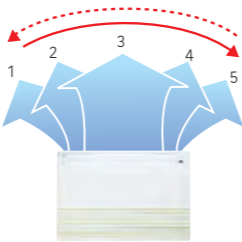
Under ceiling



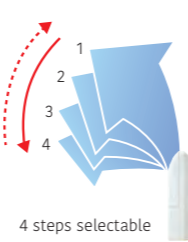
Double Auto Swing

The combination of left and right and vertical swings enables 3-dimensional control of the airflow direction.

RIGHT and LEFT SWING



UP and DOWN SWING



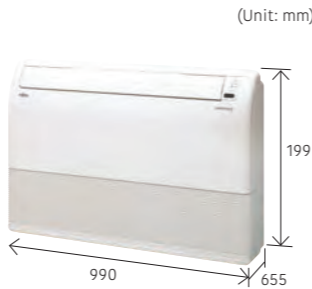
High-Power DC Fan Motor

- High power
- Wide rotation range
- High-efficiency



Compact Design

Symmetrical, slim and compact design.



Ceiling



Model: ABYA030GTEH / ABYA036GTEH / ABYA045GTEH / ABYA054GTEH



Specifications

Model name			ABYA030GTEH	ABYA036GTEH	ABYA045GTEH	ABYA054GTEH
Power source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	9.0	11.2	12.5	14.0
	Heating		10.0	12.5	14.0	16.0
Input power		W	66	85	131	180
Airflow rate	High	m³/h	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
Sound pressure level	High	dB(A)	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 × W × D)		mm	240 × 1,660 × 700	240 × 1,660 × 700	240 × 1,660 × 700	240 × 1,660 × 700
Weight		kg	46	48	48	48
Connection pipe diameter	Liquid (Flare)	mm	9.52	9.52	9.52	9.52
	Gas (Flare)		15.88	15.88	15.88	15.88
Drain Hose Diameter (I.D./O.D.)			25/32			

Note: Specifications are subject to 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]

Installation

**Open**

General installation with indoor unit installed on the ceiling

**Concealed**

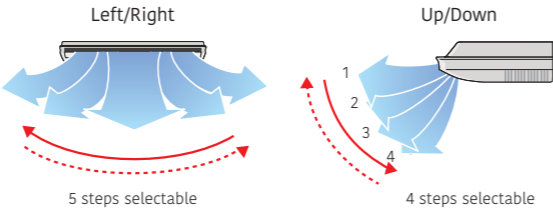
Installation with indoor unit embedded into the ceiling

**Wall-mounted type** (Locally Available)

Wall-mounting brackets are used to mount the indoor unit on the wall. (Locally available)  
This type of installation is used when the ceiling space is insufficient.

Double Auto Swing and Wide Airflow

Auto airflow direction and auto swing



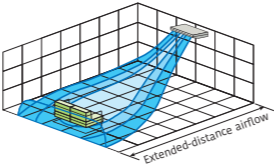
High-Power DC Fan Motor

- High power
- Wide rotation range
- High-efficiency

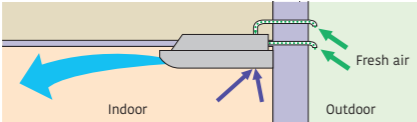


Long Airflow

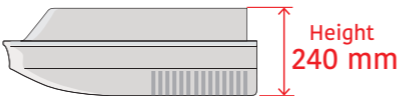
Long airflow provides comfort in every corner of a large room.



Fresh Air Intake



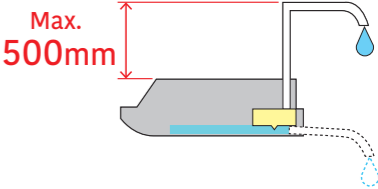
Slim & Compact Design



Optional parts

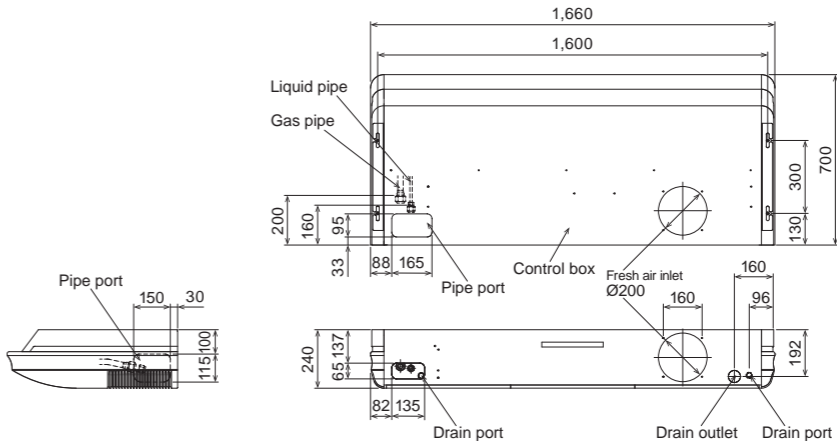
\*For more details, please refer to the chapter "Optional parts".

- Drain pump unit: UTR-DPB24T  
Flange: UTD-RF204  
External power supply unit: UTZ-GXXA, UTZ-GXXC\*  
WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1  
Remote sensor unit: UTY-XSZXZ1



Dimensions

(Unit: mm)



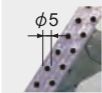
Wall-Mounted



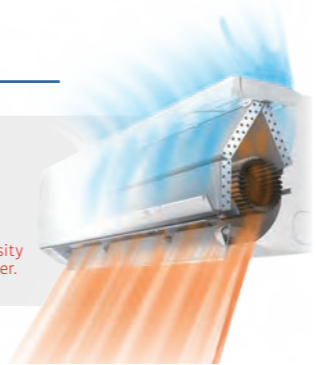
Highly-Efficiency, Compact Design

The 004-014 models share the same design. The high-density and large heat exchanger achieves a highly-efficiency and compact design. The compact body blends in well with conference rooms and offices, providing comfortable air conditioning.

High-density heat exchanger



**Slim tube design: 5 mm**  
Greater heat-exchanging capacity is achieved through the use of a high-density heat exchanger and a sub-heat exchanger.



More Comfortable Airflow

The unique power diffuser provides comfortable air conditioning.

Heating

The vertical airflow provides powerful floor-level heating.



Cooling

The left/right airflow avoids blowing cool air directly at the occupants in a room.

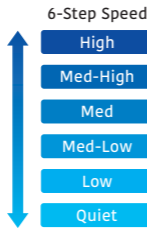


Quiet Operation & 6-Step Fan Speed Control

The airflow pattern achieves significant noise reduction. Multistep airflow adjustment to suit the environment

Quiet mode  
**37 dB(A)**

004/007/009 models

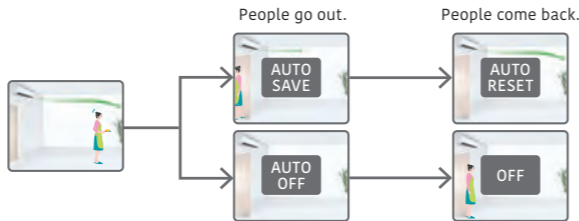


\* Remote controller is compatible with the following:  
UTY-RVRY / UTY-LNVY / UTY-RNRYZ5 / UTY-RLRY / UTY-RSRY / UTY-RHRY / UTY-DCGYZ3 / UTY-ALGXZ1 / UTY-APGXZ1

The Occupancy Sensor Contributes to Further Energy Savings.

Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

\* If you want to use the Occupancy sensor control' function, you need an setting device that can set the Occupancy sensor control' function. For example: Wired RC (Touch panel).



**Model:** [EEV Internal]  
ASYA004GCGH / ASYA007GCGH / ASYA009GCGH  
ASYA012GCGH / ASYA014GCGH  
  
[EEV External]  
ASYE004GCEH / ASYE007GCEH / ASYE009GCEH  
ASYE012GCEH / ASYE014GCEH



Specifications

Model name			ASYA004GCGH	ASYA007GCGH	ASYA009GCGH	ASYA012GCGH	ASYA014GCGH	ASYE004GCEH	ASYE007GCEH	ASYE009GCEH	ASYE012GCEH	ASYE014GCEH	
Power source			Single phase, ~230 V, 50 Hz					Single phase, ~230 V, 50 Hz					
Capacity	Cooling	kW	1.1	2.2	2.8	3.6	4.0	1.1	2.2	2.8	3.6	4.0	
	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	19	20	25	36	12	19	34	25	36
Airflow rate	High	m³/h	450	550	610	690	800	450	550	610	690	800	
	Med-High		430	510	560	610	740	430	510	560	610	740	
	Med		400	470	510	560	680	400	470	510	560	680	
	Med-Low		380	410	440	530	610	380	410	440	530	610	
	Low		360	360	360	470	550	360	360	360	470	550	
	Quiet		310	310	310	330	330	310	310	310	330	330	
Sound pressure level	High	dB(A)	31	34	37	40	44	31	35	43	40	44	
	Med-High		30	32	35	37	42	30	32	38	37	42	
	Med		28	30	32	35	40	28	30	34	35	40	
	Med-Low		27	28	29	33	37	27	27	29	33	37	
	Low		26	26	26	30	34	26	24	24	30	34	
	Quiet		22	22	22	24	24	22	22	22	24	24	
Net Dimensions (H × W × D)			mm	268 × 840 × 203					268 × 840 × 203				
Weight			kg	8.0	8.5	8.5	8.5	8.5	8.0	8.5	8.5	8.5	
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
	Gas (Flare)		9.52	9.52	9.52	12.70	12.70	9.52	9.52	9.52	12.70	12.70	
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to16.7					13.8/15.8 to16.7					
EV kit (optional)			—					UTR-EV09XB			UTR-EV14XB		

Note: Specifications are subject to 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 connecting ASY\*004G\*\*H, ASY\*007G\*\*H, ASY\*009G\*\*H to an outdoor unit other than the outdoor unit of the J-IVL series, the gas pipe diameter should be Ø12.70 mm.

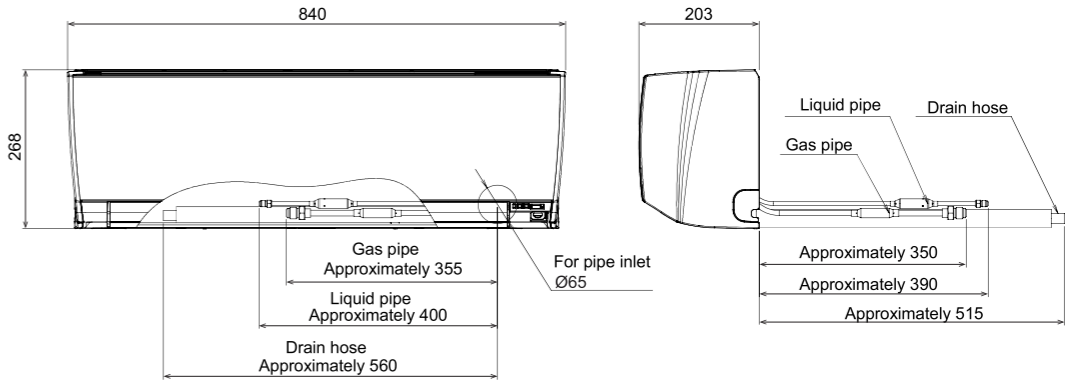
Optional parts

\*For more details, please refer to the chapter "Optional parts".

External power supply unit: UTZ-GXXA, UTZ-GXXC\* Remote sensor kit: UTY-XSZXZ1 WLAN adapter: UTY-TFSXZ1, UTY-TFSXJ3, FG-AC-WIF1Z1  
Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



Wall-Mounted



Model: ASYA18GBCH / ASYA24GBCH  
ASYA030GTEH / ASYA034GTEH



Specifications

Model name			ASYA18GBCH	ASYA24GBCH	ASYA030GTEH	ASYA034GTEH
Power source			Single phase, ~230 V, 50 Hz		Single phase, ~230 V, 50 Hz	
Capacity	Cooling	kW	5.6	7.1	9.0	10.0
	Heating		6.3	8.0	10.0	11.2
Input power		W	32	60	74	103
Airflow rate	High	m³/h	840	1,100	1,440	1,620/1,520
	Med-High		-	-	1,200	1,300
	Med		770	910	1,050	1,120
	Med-Low		-	-	940	980
	Low		690	730	890	890
	Quiet		-	-	700	700
Sound pressure level	High	dB(A)	41	48	53	55/54
	Med-High		-	-	49	51
	Med		39	43	45	47
	Med-Low		-	-	42	43
	Low		35	35	39	39
	Quiet		-	-	33	33
Net Dimensions (H × W × D)		mm	320 × 998 × 238	320 × 998 × 238	340 × 1,150 × 280	340 × 1,150 × 280
Weight		kg	15	15	18	18
Connection pipe diameter	Liquid (Flare)	mm	6.35	9.52	9.52	9.52
	Gas (Flare)		12.70	15.88	15.88	15.88
Drain Hose Diameter (I.D./O.D.)			12/16		13.8/15.8 to16.7	

Note: Specifications are subject to 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 connecting ASYA18GBCH to an outdoor unit other than the outdoor unit of the J-IVL series, the pipe diameter should be Ø9.52/Ø15.88 mm (Liquid/Gas).

Optional parts

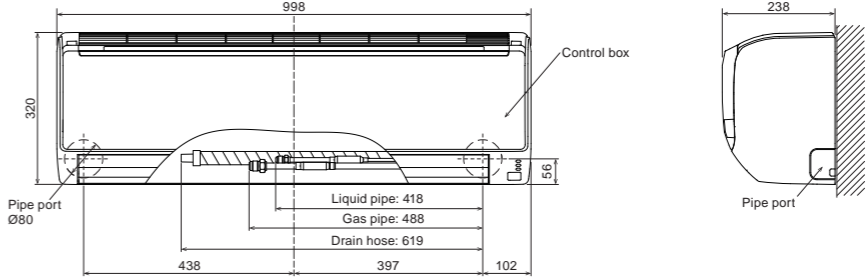
\*For more details, please refer to the chapter “Optional parts”.

External power supply unit: UTZ-GXXA (030/034), UTZ-GXXC\* (030/034)      WLAN adapter: UTY-TFSXJ3 (030/034), UTY-TFSXZ1 (030/034)      Silver Ion Filter: UTR-FA13-3  
Remote sensor kit: UTY-XSZXZ1      FG-RC-WIF1Z2 (18/24), FG-AC-WIF1Z1 (030/034)

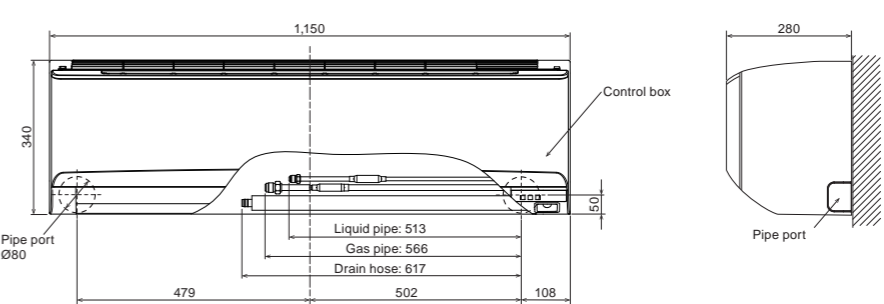
Dimensions

(Unit: mm)

Models: ASYA18/ASYA24



Models: ASYA030/ASYA034



Powerful & Comfort Airflow

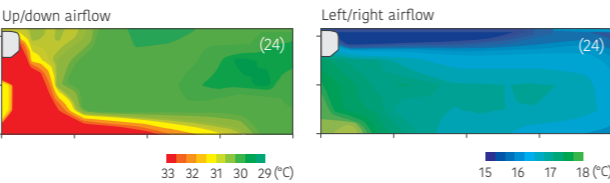
Powerful Airflow

(ASYA030GTEH)



Power diffuser

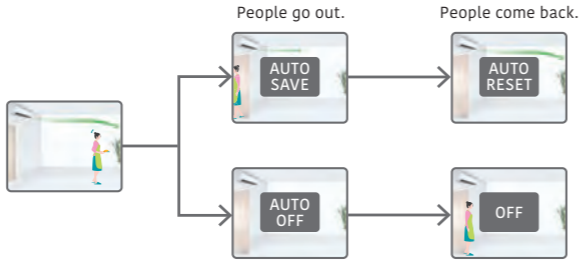
(ASYA18/24GBCH)



The Occupancy Sensor Contributes to Further Energy Savings (ASYA030/034GTEH only)

Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

\* If you want to use the Occupancy sensor control' function, you need an setting device that can set the Occupancy sensor control' function. For example: Wired RC (Touch panel).



6-Step Fan Speed Control for Quiet Operation

The airflow pattern achieves significant noise reduction. A 6-step sound level setting allows for multiple-step quiet operations.

Quiet mode  
33 dB(A)

030/034 models

6-Step Speed

- High
- Med-High
- Med
- Med-Low
- Low
- Quiet

\* Remote controller is compatible with the following:  
UTY-RVRY / UTY-RNRYZ5 / UTY-RLRY / UTY-RSRY / UTY-RHRY / UTY-DCGYZ3 / UTY-ALGXZ1 / UTY-APGXZ1