



Creating a Life Conditioner

VRF

Light Commercial
& Commercial,
Residential

VRF



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

GENERAL inc.
ОФИЦИАЛЕН ВНОСИТЕЛ БУЛКЛИМА ЕООД
office@bulclima.com



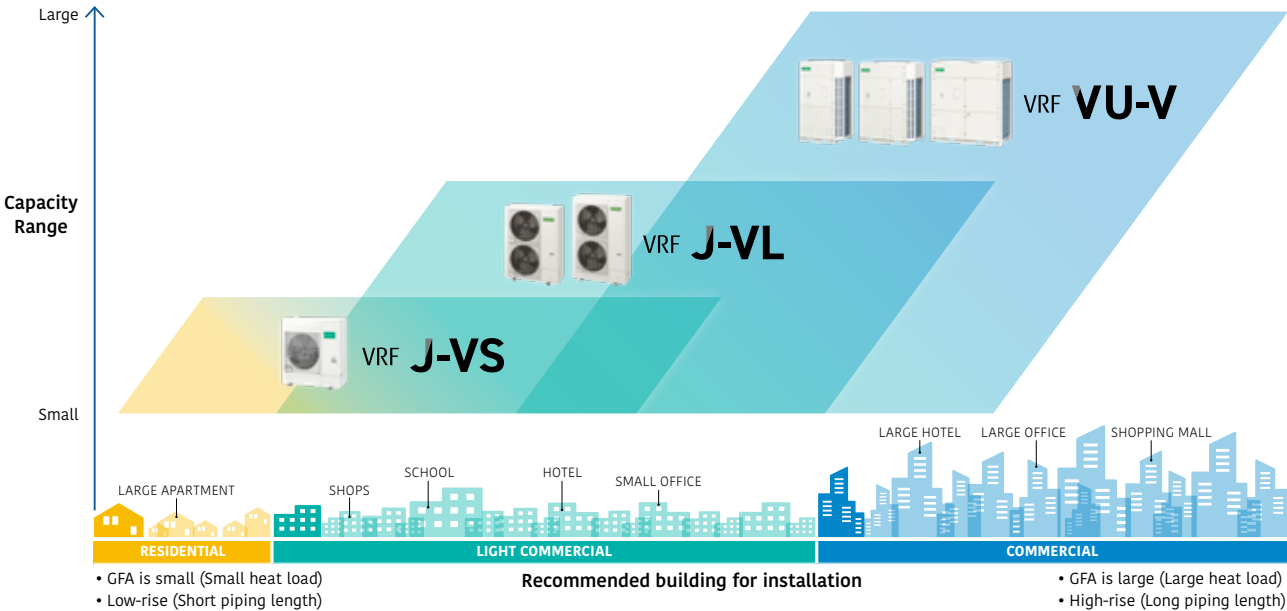
VRF Series Overview

Recommended VRF products for various buildings



Series/Type	System Outline	Recommended Buildings for Installation
NEW VRF J-VS Maximum 6 HP Heat Pump 	The J-VS 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 • A new three-phase type has been added	 V-022-027
NEW VRF J-VL Maximum 18 HP Heat Pump 	The J-VL is an outdoor unit with a slim design. With a maximum connection capacity of 42 indoor units (18 HP), it is well-suited for installation in hotels and similar facilities. • Sustainable (R32) • Slim Outdoor Unit • Small room application • High energy saving • High energy saving • Supports higher external static pressure installation up to 60 Pa • 5-step low noise mode	 V-028-031
NEW VRF VU-V Maximum 44 HP Heat Pump & Heat Recovery 	The VU-V delivers high performance and efficiency, a wide range of operating conditions, enhanced design and installation flexibility, increased overall system capacity, and improved comfort. Extensive lineup from 8 HP to 44 HP with the capacity ratio of indoor units connectable up to 150%. • Sustainable (R32) • Select system type according to the application • Up to 22 HP available with a single unit installation • High design flexibility for placement in any building	 V-032-047

VRF Product Simplified Selection Method



Our VRF products utilize the environmentally friendly R32 refrigerant, enabling them to handle a wide range of applications from residential to commercial properties. Outdoor unit capacity is primarily selected based on Gross Floor Area (GFA) and heat load. When the distance between outdoor and indoor units increases—such as in multi-story buildings—product selection must account for piping length. Please use the Design Simulator for equipment selection and detailed system design.



Series	System Outline	Recommended Buildings for Installation
VRF J-IVS Maximum 6 HP Heat Pump 	The J-IVS features a compact 998 mm design that doesn't obstruct your view and can be installed under high windows without issue, making it ideal for large residences and retail stores. The indoor unit can be connected at up to 130% capacity. • Spaces saving and low sound level design • Flexible system configuration for homes, stores, and small buildings	 V-072-075
VRF J-IV Maximum 6 HP Heat Pump 	The 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	 V-076-079
VRF J-IVL Maximum 18 HP Heat Pump 	The 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	 V-080-085
VRF VR-IV Maximum 48 HP Heat Recovery 	The VR-IV is an extensive lineup from 8 HP to 48 HP with the capacity ratio of indoor units connectable up to 150%. The Heat Recovery System allows mode switching for each room according to the environment. • Simultaneous cooling and heating operation using a single refrigerant system • Annual cooling operation • Accommodating changes in temperature difference	 V-086-095
VRF V-IV Maximum 48 HP Heat Pump 	The V-IV is 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	 V-096-101



Design Simulator

To install air conditioning in each room, suitable indoor and outdoor units must be selected based on heat load and total capacity. Remote controls, converters, and optional designs may be needed to meet standards. The “Design Simulator” PC software simplifies equipment selection, system drawings, and estimates.

For more information



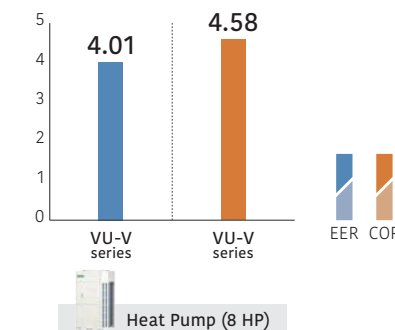
Features

High-Efficiency

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

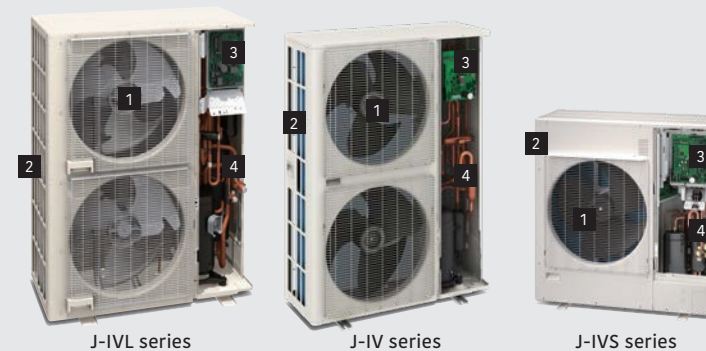


NEW Scroll compressor



* These specifications are determined by cassette combination.

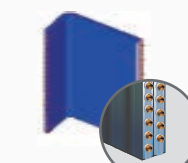
ALL DC High-Efficiency Design with Top-Class SEER/SCOP
All the VRF series have DC technology to achieve high-efficiency operation. This enhances the durability and reliability of the VRF series.



1 DC fan motor



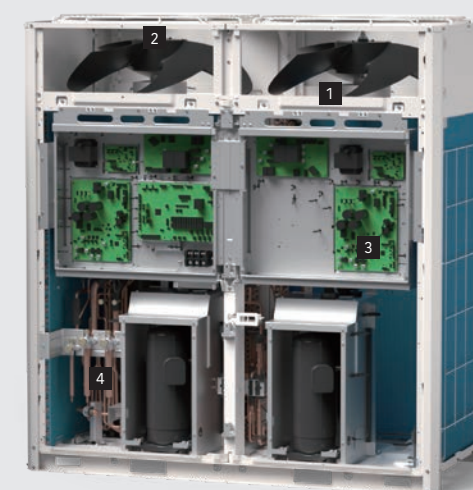
3 DC inverter control



2 Large heat exchanger



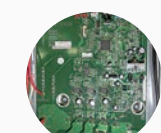
4 Subcooling heat exchanger



V series



1 3-phase DC fan motor



3 Sine-wave DC inverter control



2 Powerful large propeller fan



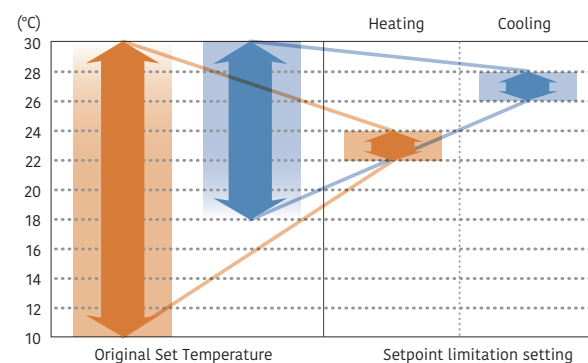
4 Subcooling heat exchanger

Efficient Control of Operation



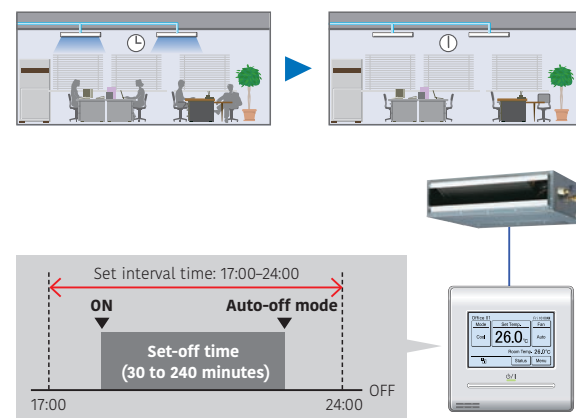
Setting Temperature Range Limitation

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



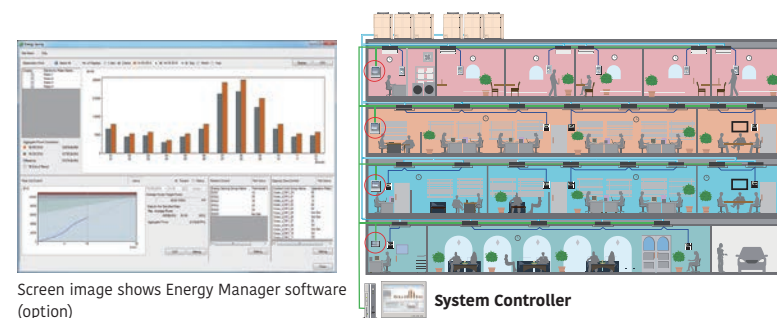
Auto-Off Timer

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.

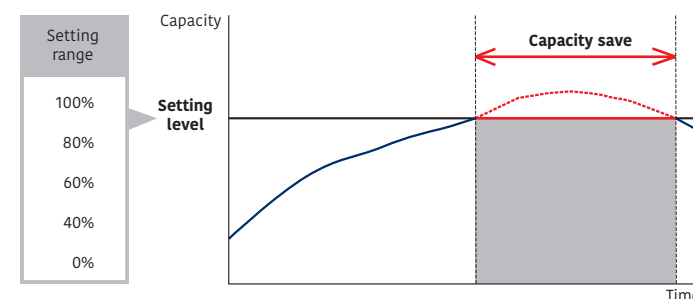


Screen image shows Energy Manager software (option)

System Controller

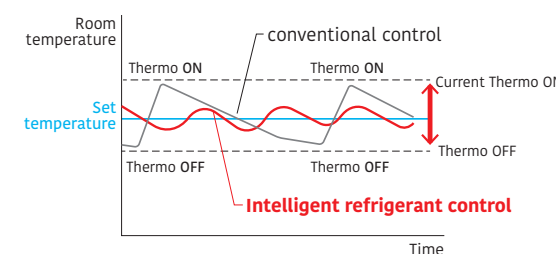
Capacity-Saving Mode

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.

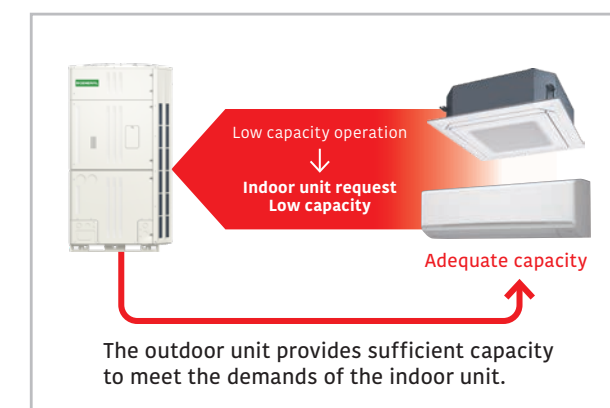


Intelligent Refrigerant Control

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.



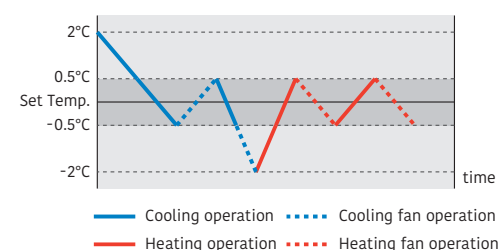
* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

More Comfort



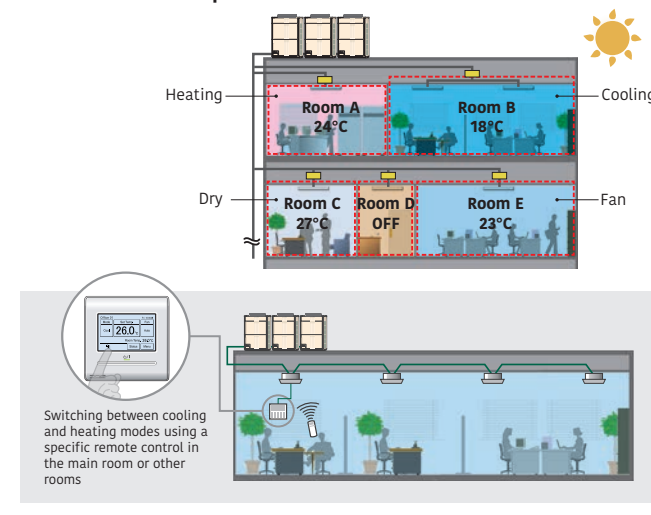
Auto Changeover

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



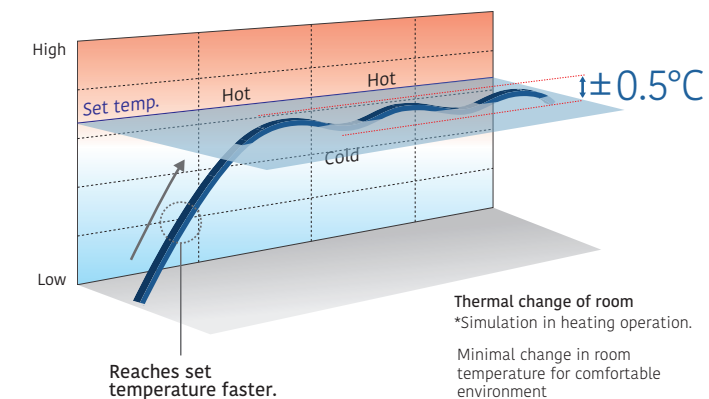
Auto changeover settings enable the indoor unit to easily switch between cooling and heating regardless of the operating mode of other indoor units. These settings can be made using a wired remote controller for a specific indoor unit. Provides a comfortable environment all year round.

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.

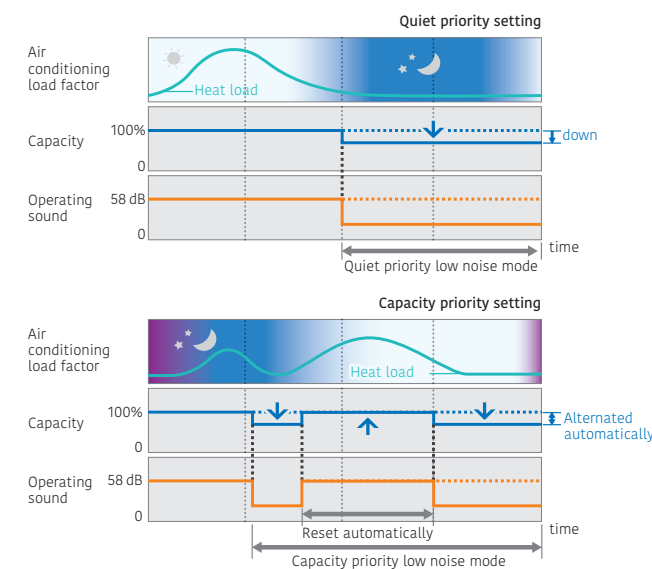


Quiet Operation



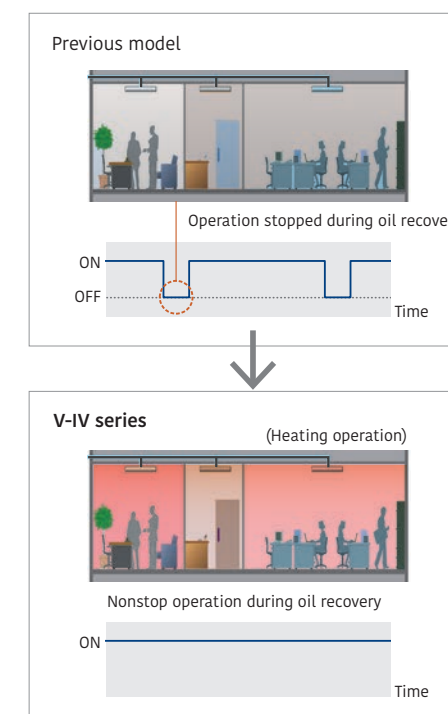
Quiet Operation

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.



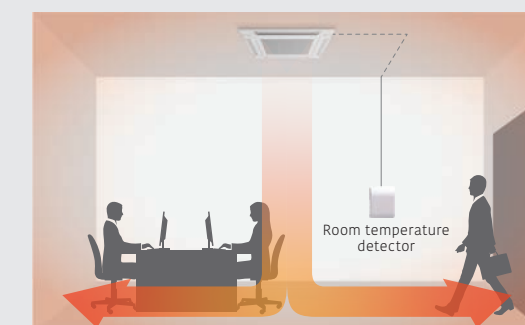
Non-Stop Oil Recovery Operation

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)

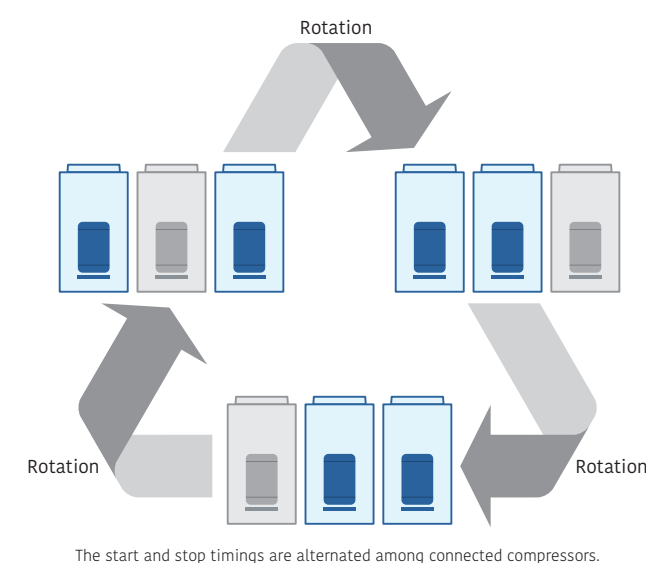
The optional Remote Sensor Kit (UTY-XSZXZ1) can be connected to the indoor unit to improve comfort by installing the unit at a height appropriate for the living environment.



High Reliability

Outdoor Unit Rotation

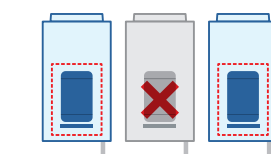
The compressor starting order is rotated to equalize the cumulative running time of each unit.



Backup Operation

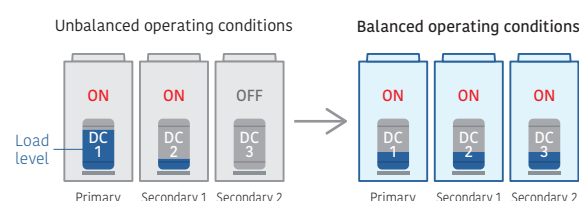
If one compressor fails, the other compressors will initiate backup operation*.

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



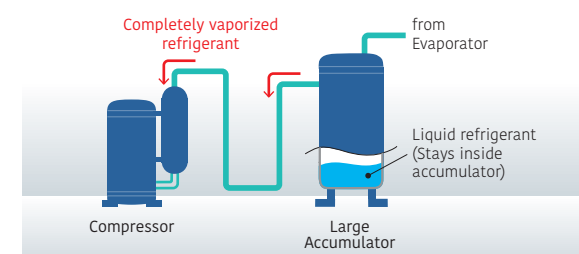
Advanced Refrigerant Control

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



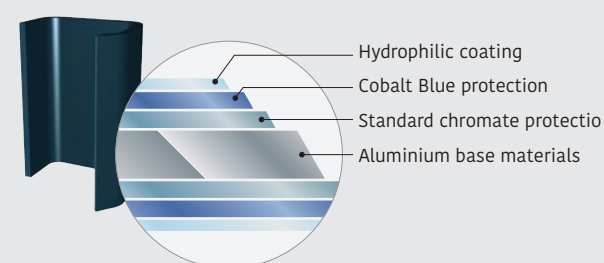
Protection Against Liquid Flowback

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.



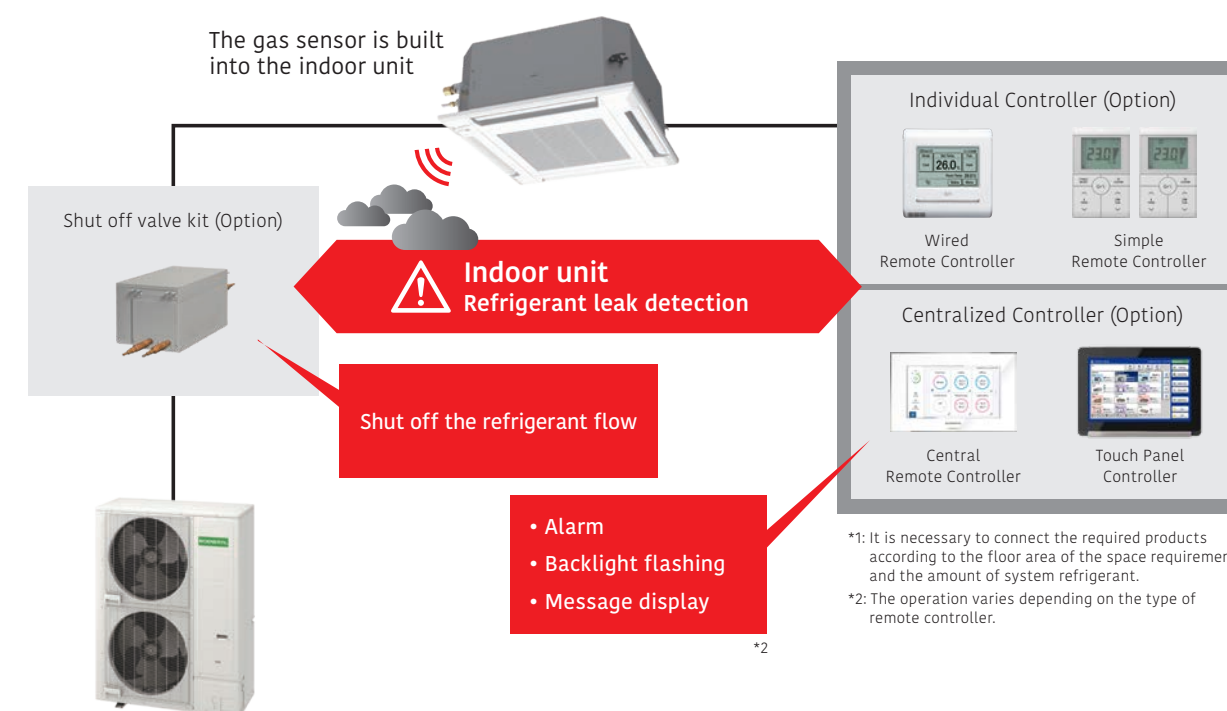
Safety measures

Safety Measures in Case of Refrigerant Leak

Indoor units designed for with R32 refrigerant are equipped with a refrigerant leak detector. (Some indoor units require optional purchase.) Depending on the conditions of the room where the indoor unit is installed, countermeasures can be implemented using detection equipment.*1 When activated, the refrigerant leak detector triggers the "Shut off valve kit" and "Wired Remote Controller" to operate simultaneously. This notifies the user or administrator of a refrigerant leak while simultaneously stopping refrigerant circulation.



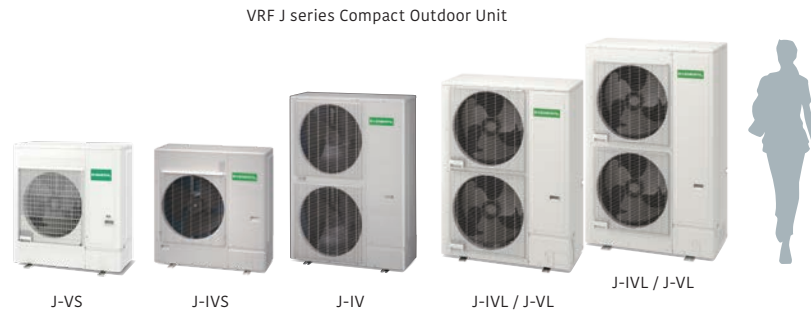
Operating flow example



Design Flexibility

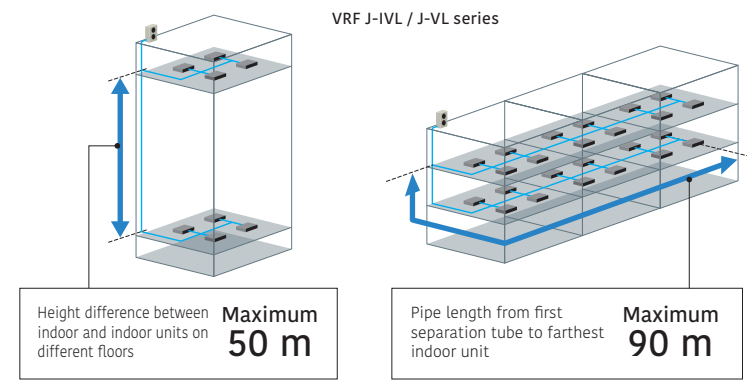
Class-Leading Compact Design

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



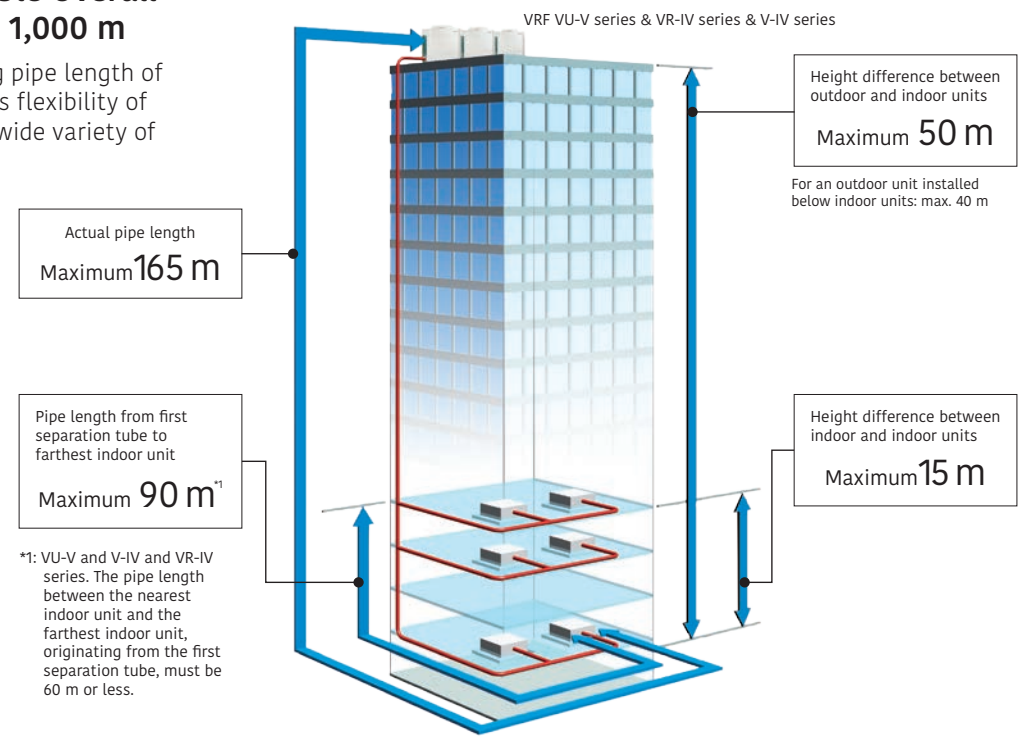
Long Pipe Design

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



*1: VU-V and V-IV and VR-IV series. The pipe length between the nearest indoor unit and the farthest indoor unit, originating from the first separation tube, must be 60 m or less.

High-Capacity Connection

Series			Connectable indoor unit capacity range	Connectable indoor units
R32		VRF J-VS series Heat pump type	50% to 130%	up to 13 ^{*2}
R32		VRF J-VL series 8/10/12 HP Heat pump type	50% to 150%	up to 30 ^{*3}
R32		VRF J-VL series 14/16/18 HP Heat pump type	50% to 150%	up to 42 ^{*4}
R32		VRF VU-V series Heat Recovery Modular type	25% ^{*5} to 150%	up to 64
R32		VRF VU-V series Heat Pump Modular type	50% to 150%	up to 64
R410A		VRF J-IVS series Heat pump type	50% to 130%	up to 13 ^{*2}
R410A		VRF J-IV series Heat pump type	50% to 150%	up to 14 ^{*2}
R410A		VRF J-IVL series 8/10/12 HP Heat pump type	50% to 150%	up to 30 ^{*3}
R410A		VRF J-IVL series 14/16/18 HP Heat pump type	50% to 150%	up to 42 ^{*4}
R410A		VRF VR-IV series Heat Recovery Modular type	25% ^{*5} to 150%	up to 64
R410A		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

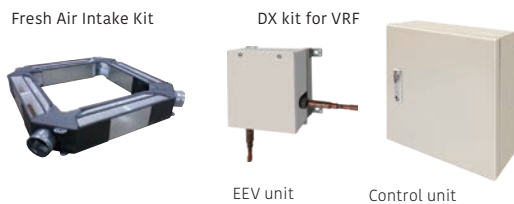
The optimal design of the indoor and outdoor units reduces the amount of refrigerant required and can be easily installed in a room as small as 15 m².

Low Ambient Operation

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

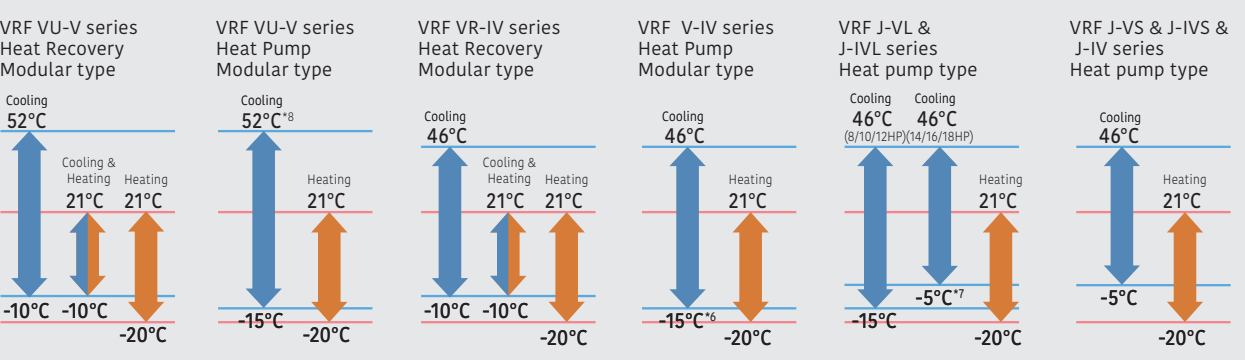
Various Optional Parts

- Fresh Air Intake Kit**
 - Fresh Air Intake Kit to bring in fresh air
- DX kit (for R410A VRF products)**
 - DX Kit links ventilation equipment and air handling units.



Wide Operating Temperature Range

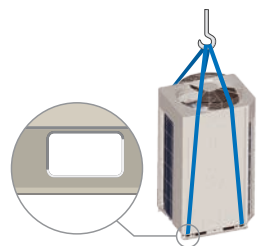
All outdoor units have a wide operating temperature range and can operate in extreme temperature conditions.



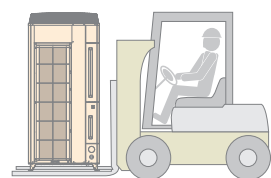
*6: When multiple outdoor units are connected, their operating temperature range is from -5°C to 46°C in cooling.
*7: The operating range is -15°C to 46°C only for systems with all indoor units rated at 5.6 kW or more.
*8: When multiple outdoor units are connected, their operating temperature range is from -5°C to 52°C in cooling.

Easy Installation

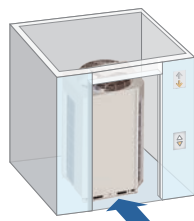
Easily Transported



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



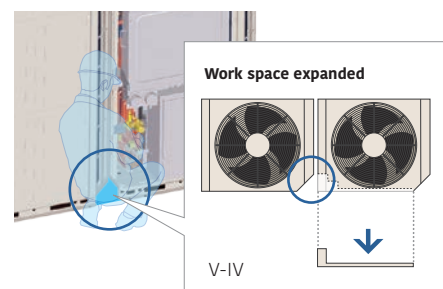
Transportable by forklift. The outdoor unit can be lifted and transported by forklift.



Fits into a small elevator.

Easy Access

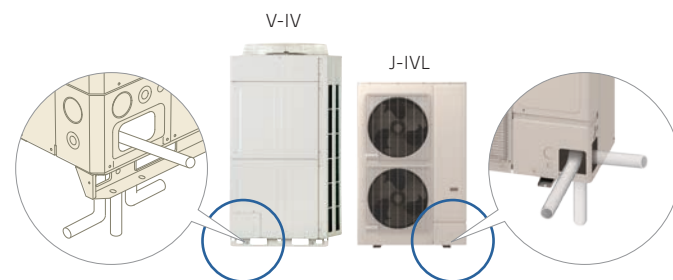
The removable L-shaped front panel provides more room for installation and service work. Multiple installations can be performed easily and efficiently even in tight spaces.



Front access reduces installation intervals.

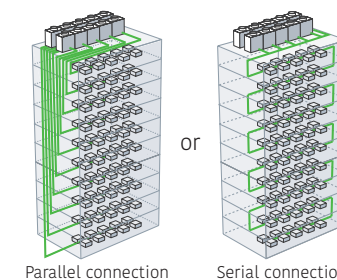
Flexible Pipe Connection

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.

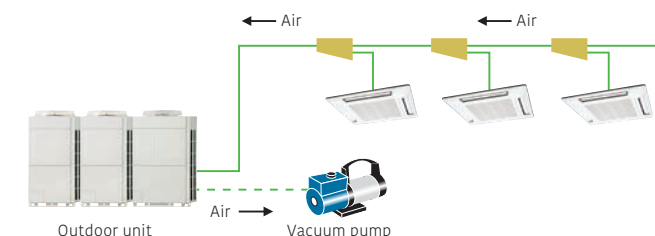


Maximum wire length:
3,600 m

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.

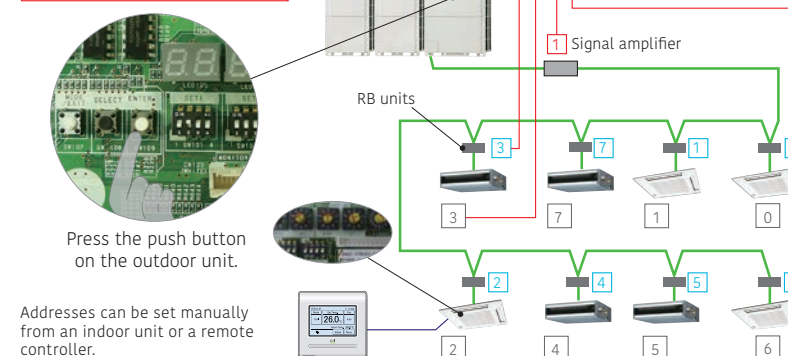


Automatic Address Setting

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.



Easy Commissioning with Tools

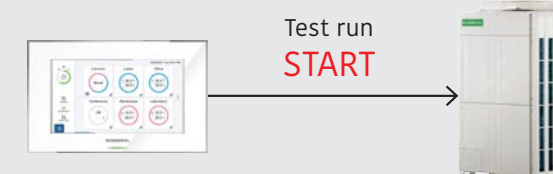
• Service Tool (UTY-ASGXZ1)

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-DCGGZ4)

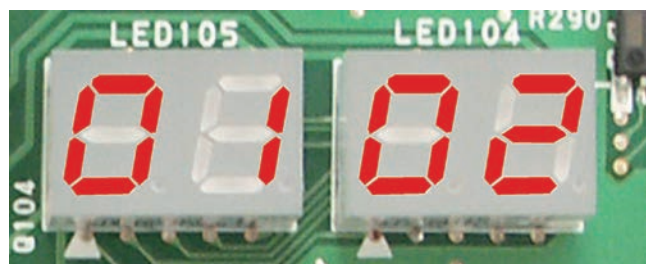
After the VRF system has been installed. Conveniently, the "test run" required to verify proper system operation can be performed from a nearby Central RC.



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.

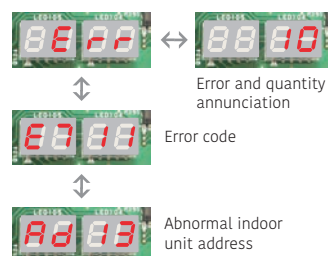


Easy-to-read 7-segment indicator lamp

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.

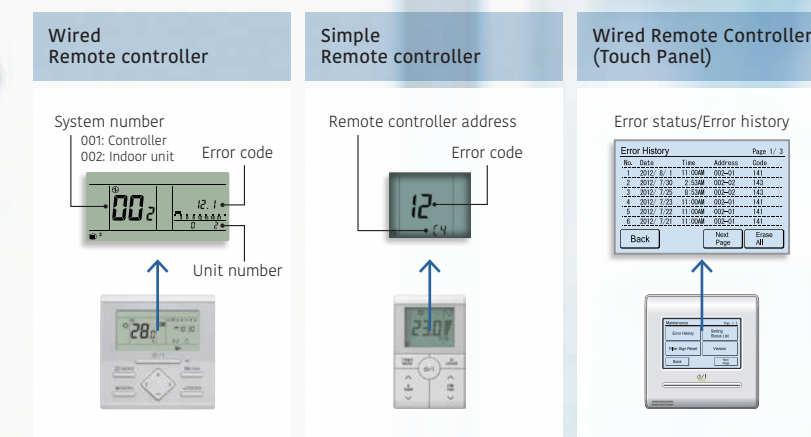
Movable PCB panel

Enables easier access behind the PCB for maintenance work.



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

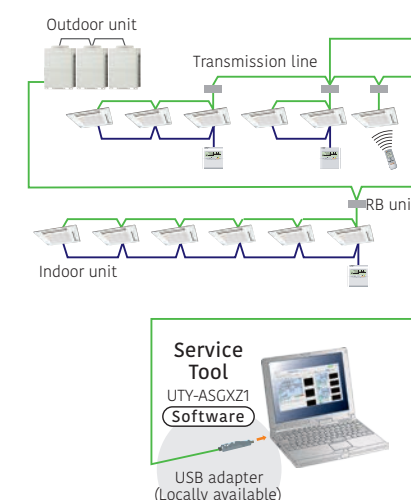
Error codes are displayed on an LCD screen.



Error Diagnosis by Service Tool

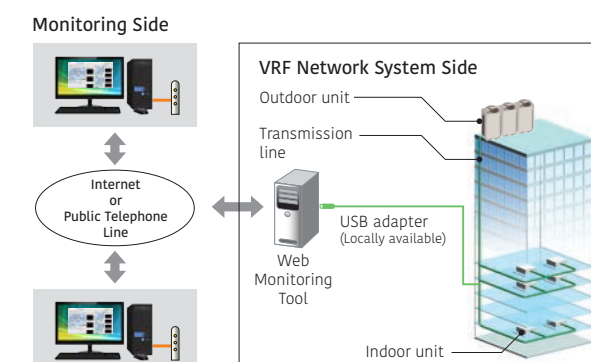
Connection to Service tool

- 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.





VRF R32 OUTDOOR UNITS

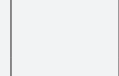
3 types and 37 models are available to meet the requirements of any building design.

We offer a wide lineup of outdoor units suitable for everything from small properties like apartments to large commercial facilities and buildings.

V-020 VRF R32 Outdoor Units Lineup for J-VS J-VL VU-V
V-022 VRF J-VS
V-028 VRF J-VL
V-032 VRF VU-V



VRF R32 Outdoor Units Lineup for J-VS J-VL VU-V

Capacity (kW)		Refrigerant																							
HP		12.1	14	15.1-15.5	22.4	28	33.5	40	45	50.0-50.4	55.9	61.5	67	73.5	78.5	85	90	95	100.5	107	112	118.5	123.5		
		4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44		
J-VS series Heat Pump																									
			AJH040 KCTAH, AJH040 KFTAH	AJH045 KCTAH, AJH045 KFTAH	AJH054 KCTAH, AJH054 KFTAH																				
J-VL Series Heat Pump																									
						AJH072 KELAH	AJH090 KELAH	AJH108 KELAH	AJH126 KELAH	AJH144 KELAH	AJH162 KELAH														
VU-V Series Heat Pump & Heat Recovery	Space Saving																								
	Set Model					AJH072 HALAH	AJH090 HALAH	AJH108 HALAH	AJH126 HALAH	AJH144 HALAH	AJH162 HALAH	AJH180 HALAH	AJH198 HALAH	AJH216 HALAH	AJH234 HALAH	AJH252 HALAH	AJH270 HALAH	AJH288 HALAH	AJH306 HALAH	AJH324 HALAH	AJH342 HALAH	AJH360 HALAH	AJH378 HALAH	AJH396 HALAH	
	Energy Efficiency																								
Set Model									AJH144 HALAHH	AJH162 HALAHH	AJH180 HALAHH	AJH198 HALAHH	AJH216 HALAHH		AJH252 HALAHH		AJH288 HALAHH		AJH324 HALAHH	AJH342 HALAHH					



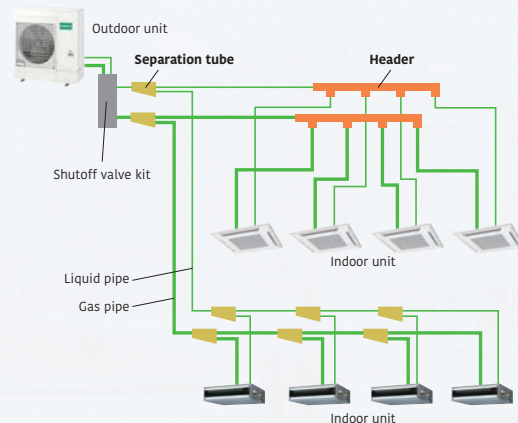
Heat Pump

for Small-capacity type

NEW 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 CO₂

Sustainable
(R32)

Small Body

“5S” Leading
to the Optimal
Solution

Situational
Piping Design

Sightliness
installation

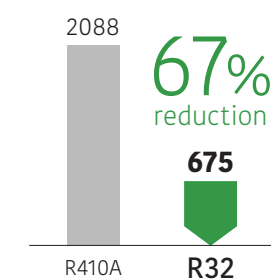


R32 Refrigerant with Reduced Global Warming Potential

- High environmental properties
- High performance
- Economically efficient

GWP^{*1}

(Reference: IPCC 4th Report)



^{*1} 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 CO₂.

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

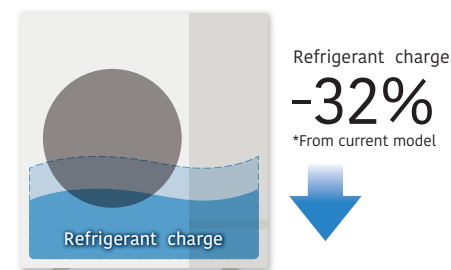
- (1) Reducing the total volume of HFCs and phasing out HFC in 2050.
- (2) The GWP limits for certain products are required to be strengthened.

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.

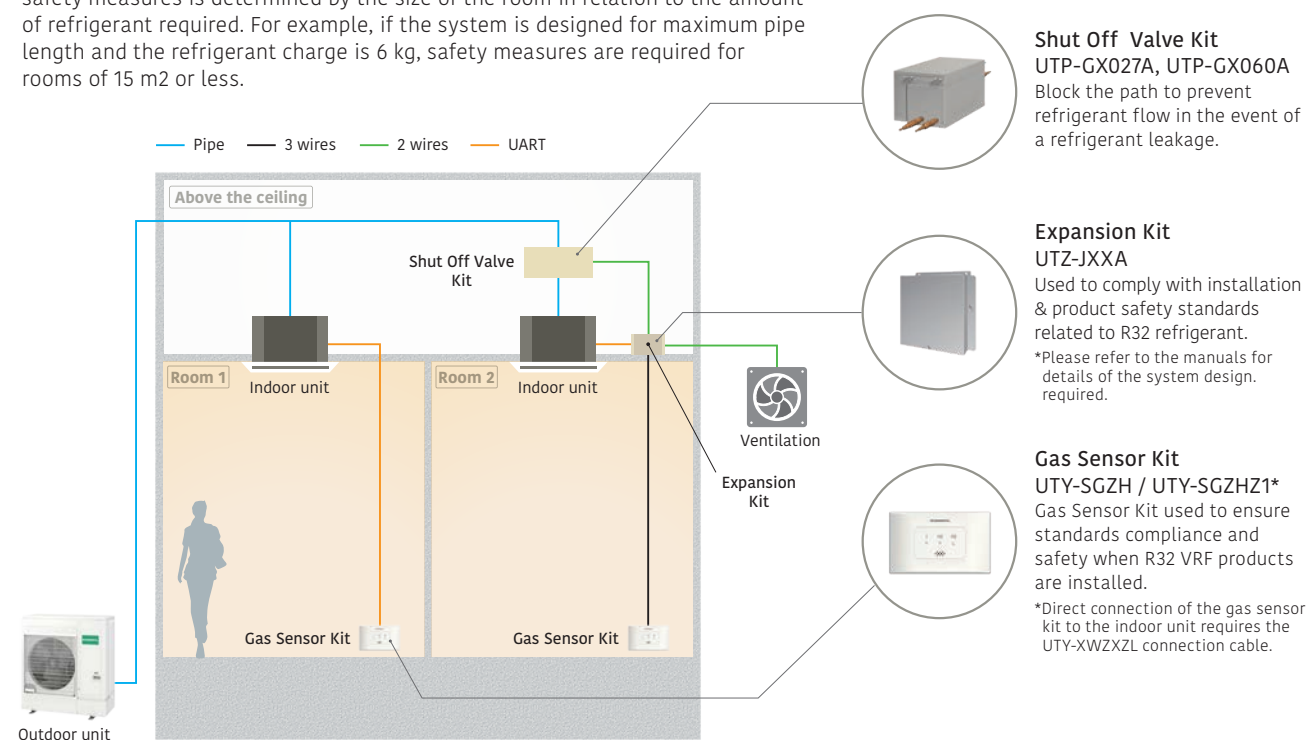
Refrigerant Saving Design

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 m² or less.



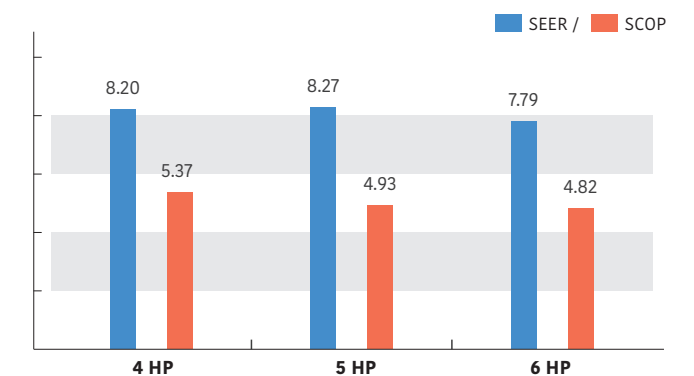
Saving CO₂

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.

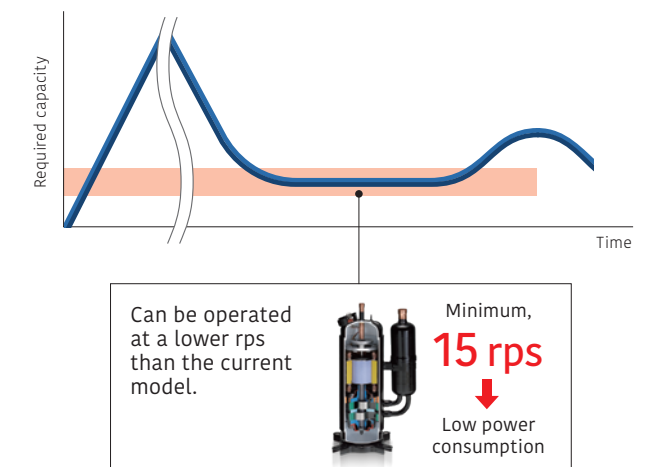
SEER
8.27
*045 model

SCOP
5.37
*040 model



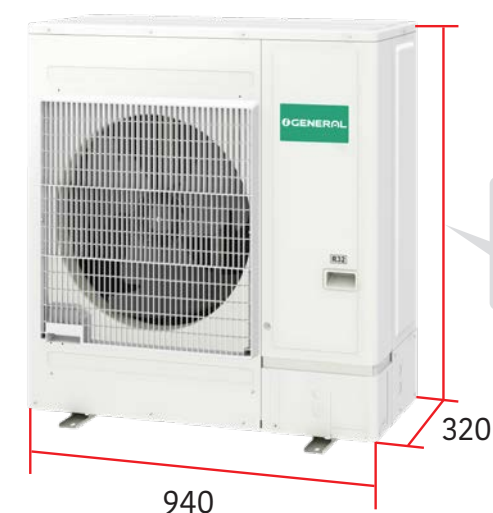
More Energy-Saving Compressor Control

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.



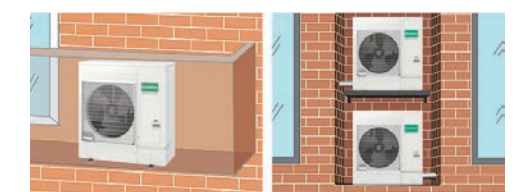
Small Body

Easy to Carry, Easy to Install



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.

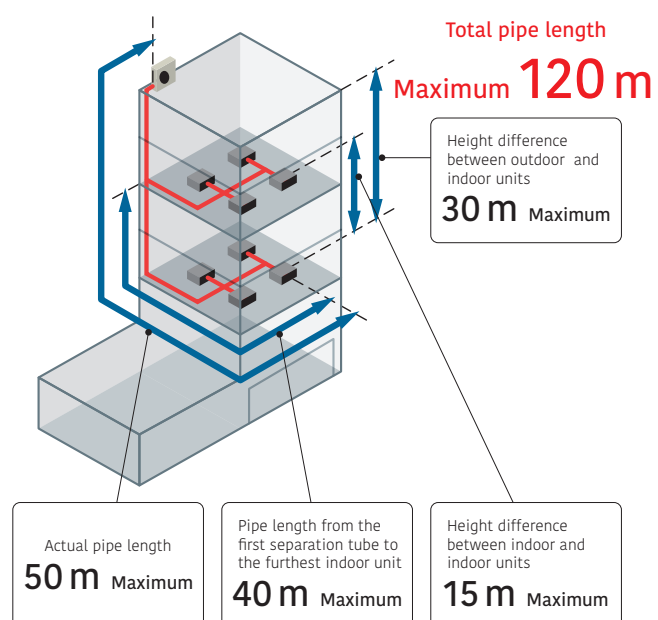
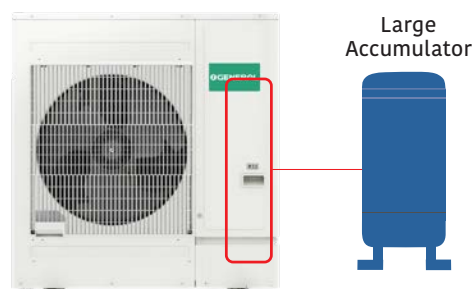


Situational Piping Design

Long Pipe Length

Our advanced refrigerant control technology extends the maximum allowable length of refrigerant pipe to 120 m. This provides high flexibility in system design.

Long pipe lengths are achieved by installing a large-capacity accumulator. No liquid refrigerant is supplied to the compressor even when the required amount of refrigerant is charged in the long pipe.



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

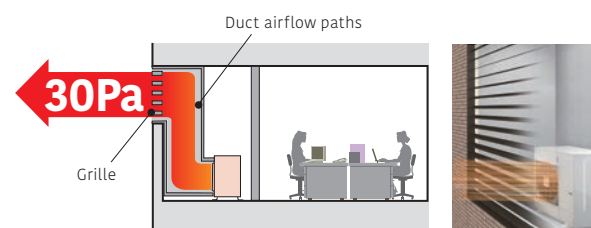
Rating Capacity range (HP)	4	5	6
Max. Connectable indoor unit	1-11	1-12	1-13

Sightliness Installation

External Static Pressure

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

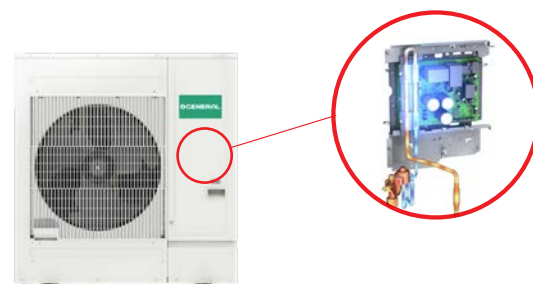
Even if the outdoor unit is installed in a small space to hide it, the grille and duct airflow path required for exhaust air can be installed up to a static pressure value of 30 Pa.



Cooling Pipe System

Heat Rejection Technology Cooling pipe system "Cooling pipe system" is adopted to ensure reliability in high outside air.

Even when the outdoor unit is installed in an environment where heat tends to stay (small space), the cooling system using refrigerant can reduce damage caused by heat from PCBs.



4, 5, 6 HP: AJH040KCTAH / AJH045KCTAH / AJH054KCTAH
AJH040KFTAH [3-phase] / AJH045KFTAH [3-phase] / AJH054KFTAH [3-phase]



Specifications

Rated capacity range		HP	4	5	6
Model name			AJH040KCTAH	AJH045KCTAH	AJH054KCTAH
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	3.15	3.82	4.48
	Nominal Heating		2.55	2.91	3.20
	Max. Heating		3.09	3.62	3.90
EER	Cooling	W/W	3.84	3.66	3.37
COP	Nominal Heating		4.74	4.80	4.71
	Max. Heating		4.40	4.41	4.22
SEER	Cooling		8.20	8.27	7.79
SCOP	Heating		5.37	4.93	4.82
ηc	Cooling	%	325.0	327.8	308.6
ηh	Heating		211.8	194.2	189.8
Airflow rate		m³/h	4,450	4,450	4,450
Sound pressure level/ Power level	Cooling	dB(A)	52 / 70	53 / 71	54 / 72
	Heating		54 / 71	55 / 72	56 / 73
Heat exchanger fin			Blue fin	Blue fin	Blue fin
Net Dimensions	Height	mm	998	998	998
	Width		940	940	940
	Depth		320	320	320
Weight		kg	74	74	74
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)
	Charge		2.7 (1.823)	2.7 (1.823)	2.7 (1.823)
Connection pipe diameter	Liquid	mm	9.52	9.52	9.52
	Gas		15.88	15.88	15.88
Total pipe length		m	120	120	120
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

4	5	6
AJH040KFTA H	AJH045KFTA H	AJH054KFTA H
1-11	1-12	1-13
3-phase, 400V, 50Hz		
12.1	14.0	15.1
12.1	14.0	15.1
13.6	16.0	16.5
3.15	3.82	4.48
2.55	2.91	3.20
3.09	3.62	3.90
3.84	3.66	3.37
4.74	4.80	4.71
4.40	4.41	4.22
8.20	8.27	7.79
5.37	4.93	4.82
325.0	327.8	308.6
211.8	194.2	189.8
4,450	4,450	4,450
52 / 70	53 / 71	54 / 72
54 / 71	55 / 72	56 / 73
Blue fin	Blue fin	Blue fin
998	998	998
940	940	940
320	320	320
75	75	75
R32 (675)	R32 (675)	R32 (675)
2.7 (1.823)	2.7 (1.823)	2.7 (1.823)
9.52	9.52	9.52
15.88	15.88	15.88
120	120	120
30	30	30
-5 to 46	-5 to 46	-5 to 46
-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.

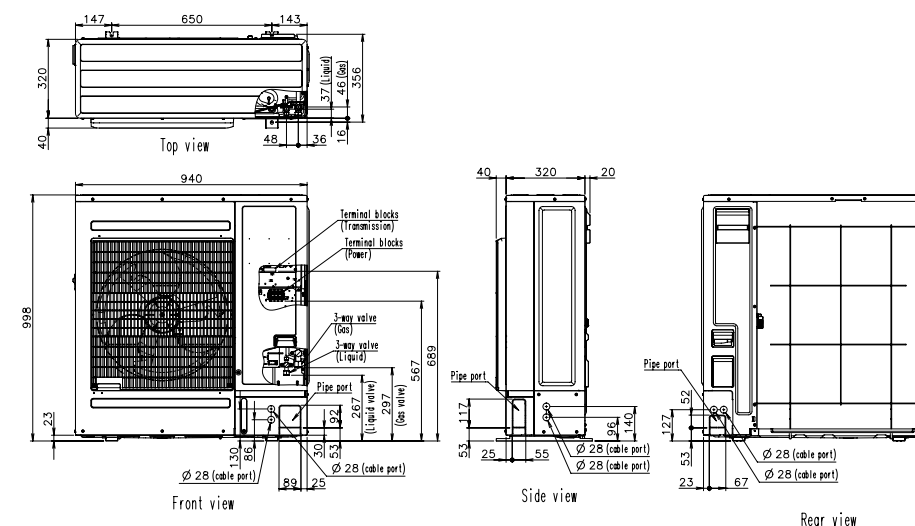
Heating: Indoor temperature of 20°CDB/(15°CWB), and outdoor temperature of 7°CDB/6°CWB.

Pipe length: 11 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)





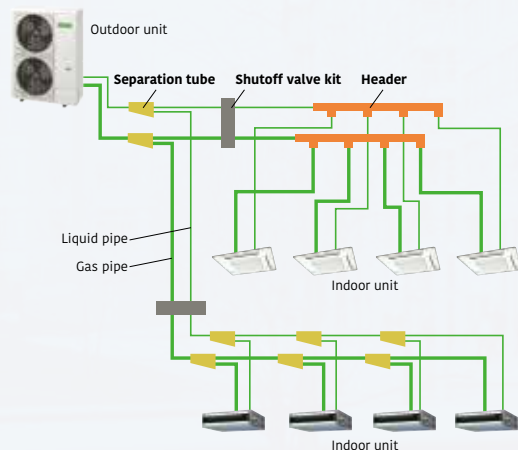
Heat Pump

for Small-capacity type

VRF J-VL

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. J-VL is an outdoor unit with a slim design. Its flexibility in installation makes it ideal for midsize office buildings and hotels.

for **OFFICE**
for **Hotel**
for **SHOP**



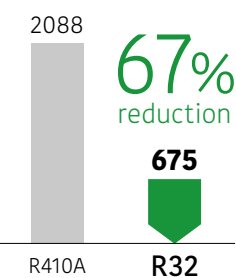
Environmental Considerations
High energy saving
High installation Flexibility



R32 Refrigerant with Reduced Global Warming Potential

- High environmental properties
- High performance
- Economically efficient

GWP^{*1}



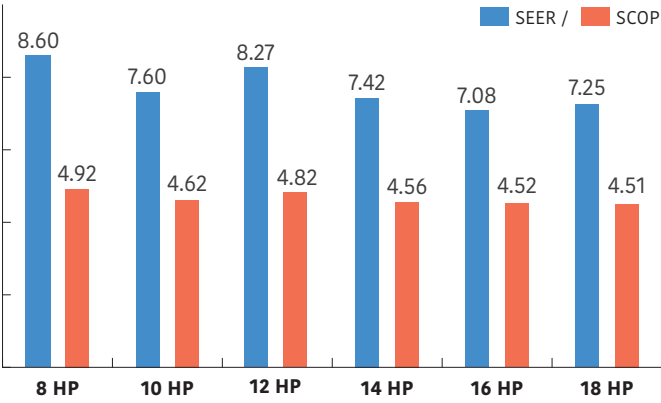
(Reference: IPCC 4th Report)

^{*1} 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 CO₂.

High Energy Saving

J-VL provides environmentally conscious, high-efficiency operation while ensuring comfort.

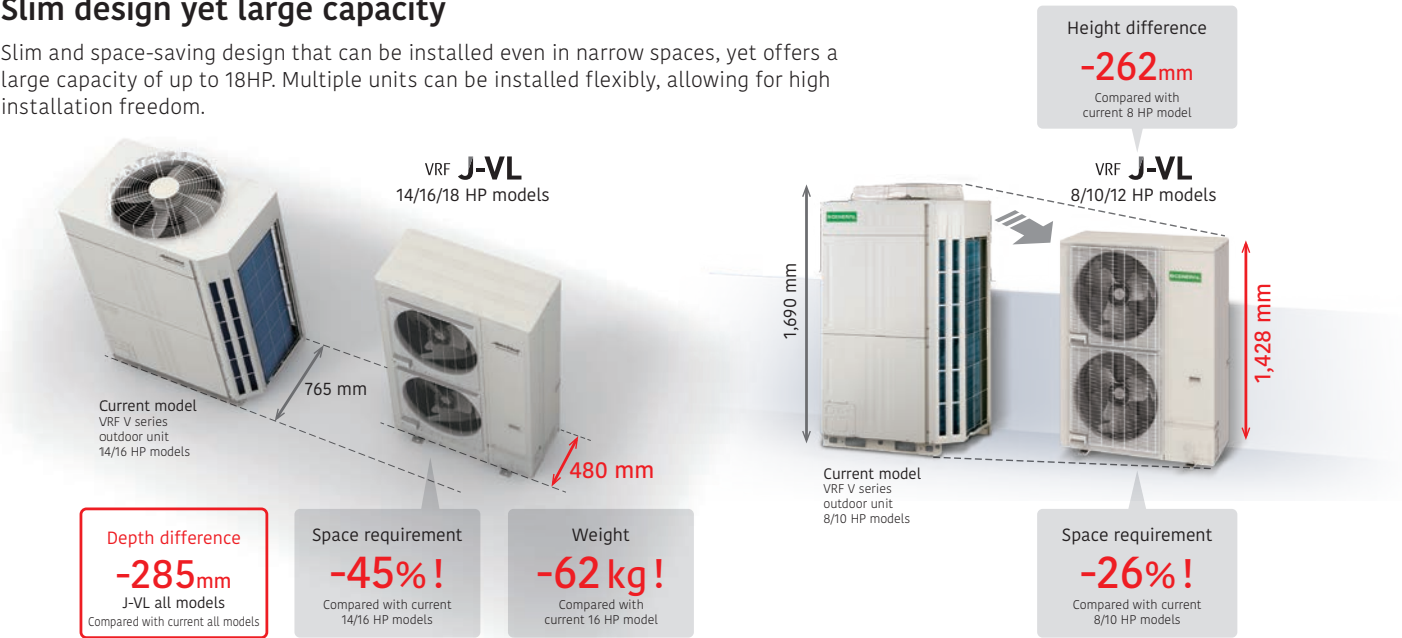
Cooling η_c
ALL **280.2%** or above
Heating η_h
ALL **177.4%** or above



High installation Flexibility

Slim design yet large capacity

Slim and space-saving design that can be installed even in narrow spaces, yet offers a large capacity of up to 18HP. Multiple units can be installed flexibly, allowing for high installation freedom.



8,10,12 HP: AJH072KELAH / AJH090KELAH / AJH108KELAH
14,16,18 HP: AJH126KELAH / AJH144KELAH / AJH162KELAH

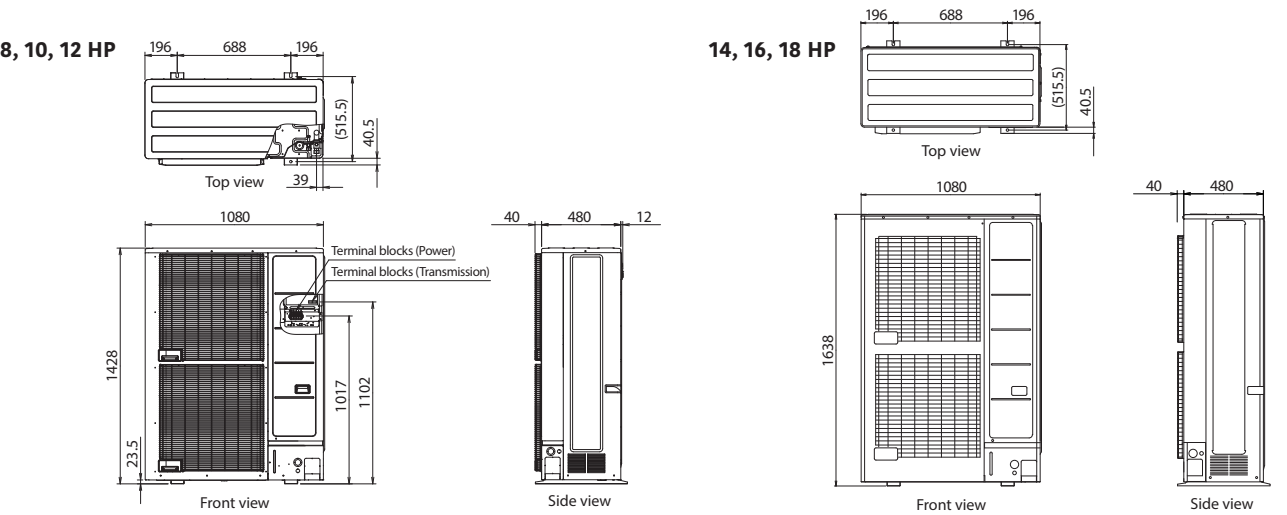


Specifications		HP	8	10	12	14	16	18
Rated capacity range		HP	8	10	12	14	16	18
Model name			AJH072KELAH	AJH090KELAH	AJH108KELAH	AJH126KELAH	AJH144KELAH	AJH162KELAH
Maximum connectable indoor units			1-20	1-25	1-30	1-36	1-40	1-42
Power source			3-phase, ~400V, 50Hz					
Capacity	Cooling	kW	22.4	28.0	33.5	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	5.66	7.87	9.28	11.87	13.77	15.39
	Nominal Heating		4.48	6.44	7.57	8.80	10.98	12.76
	Max. Heating		5.46	7.92	9.95	10.67	13.23	14.95
EER	Cooling	W/W	3.96	3.56	3.61	3.37	3.27	3.25
	Nominal Heating		5.01	4.35	4.43	4.55	4.10	3.92
	Max. Heating		4.58	3.98	3.77	4.22	3.78	3.68
SEER		Cooling	8.60	7.60	8.27	7.42	7.08	7.25
SCOP		Heating	4.92	4.62	4.82	4.56	4.52	4.51
η_c	Cooling	%	341.0	301.0	327.8	293.8	280.2	287.0
	Heating		193.8	181.8	189.8	179.4	177.8	177.4
η_h			193.8	181.8	189.8	179.4	177.8	177.4
Airflow rate		m ³ /h	8,400 / 8,400	9,000 / 9,000	11,000 / 11,900	13,000 / 13,000	14,000 / 14,000	14,800 / 15,300
Sound pressure level/Power level	Cooling	dB(A)	50 / 66	53 / 69	58 / 73	63 / 75	64 / 77	66 / 79
	Heating		52 / 66	56 / 70	62 / 75	65 / 76	67 / 78	69 / 82
Heat exchanger fin			Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin
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	169	177	178	213	213	213
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge (kg (CO ₂ eq-T))		6.0 (4.05)	6.5 (4.388)	6.5 (4.388)	9.0 (6.075)	9.0 (6.075)	9.0 (6.075)
Connection pipe diameter	Liquid	mm	9.52	9.52	12.70	12.70	12.70	12.70
	Gas		19.05	22.22	22.22	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: 11m (072/090), 15m (108/126/144/162); 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)



Supports concealed installation

Even if the outdoor unit is installed in a small space to hide it, the grille and duct airflow path required for exhaust air can be installed up to a static pressure value of 60 Pa. (40Pa for 8/10/12HP)

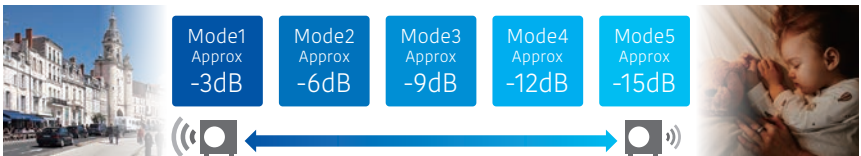
*Capacities slightly decrease relative to the rated values during high static pressure operations.



Environmentally conscious with low-noise mode

5-steps low-noise modes are available. This allows for detailed noise control in various external environments.

5-steps low noise mode



*When using this function, cooling and heating performance may decrease. The noise reduction value in low-noise mode varies depending on the model.



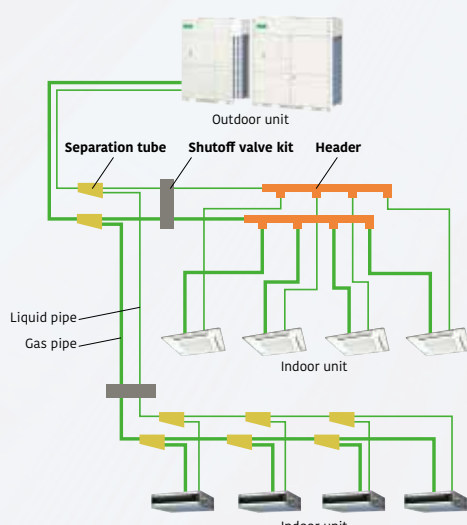
Heat Pump / Heat Recovery

Modular type

VU-V

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.



Single unit
covers a wide range
of projects



Single unit

22 HP

92.2 kW_(Max.)

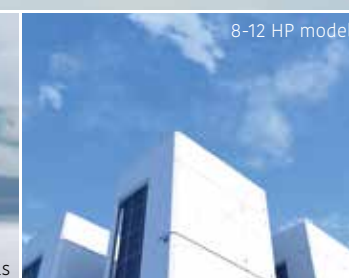
47 Indoor units

Combination
Max. 44 HP

VU-V features many design improvements that yield higher performance and efficiency, wider operating ranges, greater design/installation flexibility, larger overall system capacities, and enhanced comfort.



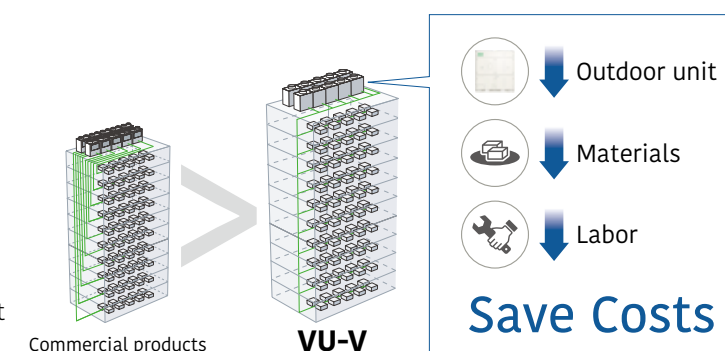
14-16 HP models



8-12 HP models

Contributes to reduction of project costs

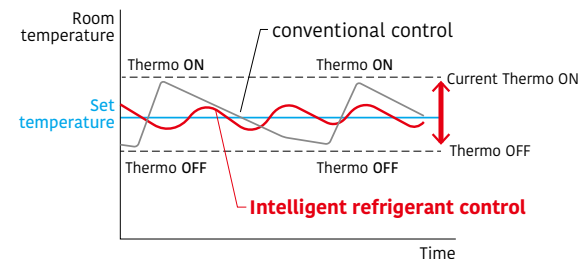
Contributes to reducing project costs outdoor units can be installed individually, with options up to 22 HP. This reduces the number of outdoor units required for installation and the materials needed (piping, power lines, communication lines, racks, breakers, conduits, etc.). This product is expected to reduce project costs.



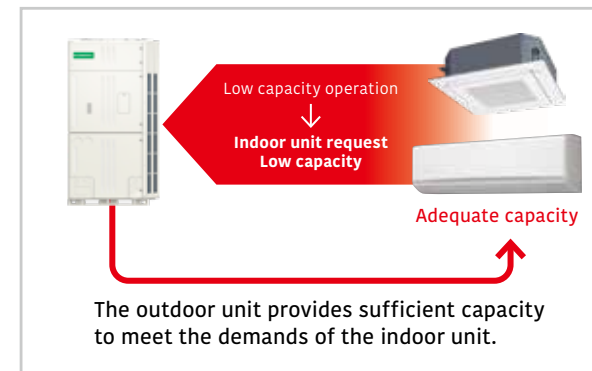
High Energy Saving

Intelligent refrigerant control

The Intelligent refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The Intelligent 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.

Highly efficient operation

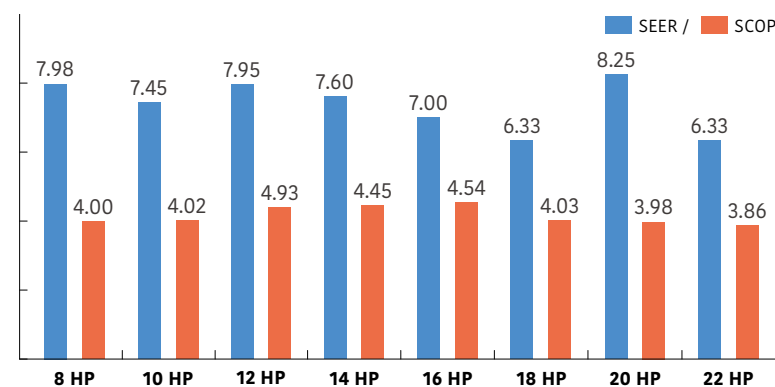
VU-V provides environmentally conscious, high-efficiency operation while ensuring comfort.

Cooling η_c

ALL **250.0%** or above

Heating η_h

ALL **151.5%** or above



Energy saving technology that boosts operation efficiency

18-22 HP models

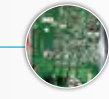


Powerful large propeller fan*
The fan uses CFD* technology to achieve both high performance and low noise operation.

*CFD: Computational Fluid Dynamics



3-phase DC fan motor*
The use of a DC fan motor with sophisticated driver control improves energy efficiency substantially. In addition, this motor operates quietly.

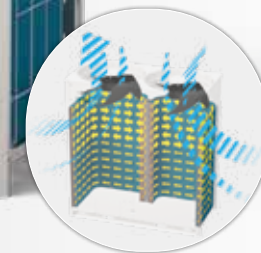


Sine-wave DC inverter control*
High-efficiency is realized by the adoption of reduced switching loss IPM.



Subcooling heat exchanger
High heat exchange efficiency is achieved by using an internal projection-shape double-pipe construction.

*: Same as 8-16 HP



Refrigerant flow control (18/20/22 HP)

Refrigerant flow is automatically adjusted within the heat exchanger depending on airflow balance.

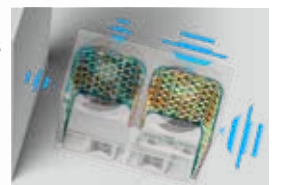


NEW Scroll compressor

The system uses a scroll compressor with a wide rotational-speed range (15-120 rps), combined with Fujitsu General's unique sensorless sine-wave control method. This method smoothly controls the input power supplied to the motor, improving both energy efficiency and noise performance.

Variable refrigerant volume design of heat exchangers

If the outdoor air intake airflow of the left and right heat exchangers is different, the system automatically monitors the refrigerant status and adjusts the refrigerant flow rate of each heat exchanger to prevent loss of thermal efficiency.



8-16 HP models

4-face heat exchanger
The 4-face heat exchanger increases the effective surface area and significantly improves heat-exchanging efficiency.

Front intake port (Corner cut air inlet structure)

In multiple outdoor unit installations, the unique front intake design improves airflow into the heat exchanger.



8-12 HP models

14-16 HP models

Installation Flexibility

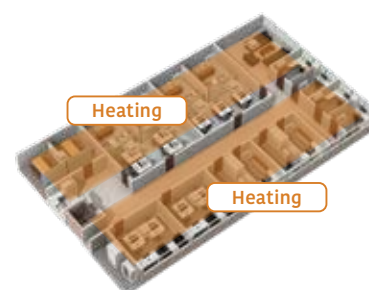


Select system type according to the application

The same outdoor unit can be used for both heat pump and heat recovery applications.

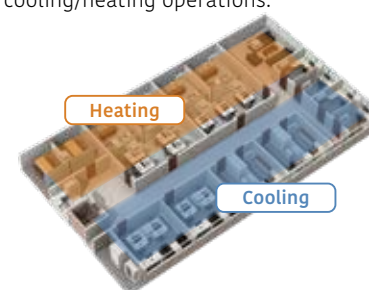
Heat Pump System

We provide heat pumps that can reduce the initial cost of RB units and connecting pipes for properties that have the same air conditioning load for each area and are used in the same operation mode throughout the year.



Heat Recovery System

Heat recovery systems are proposed for office buildings where the air conditioning load varies between sun and shade in the middle of the year, and for restaurants/shops and hotels where different areas require different cooling/heating operations.



Reducing outdoor unit installation space

A single outdoor unit can handle air conditioning up to 22 HP (Max 92.2 kW). This reduces reduce installation space and the number of outdoor units required.

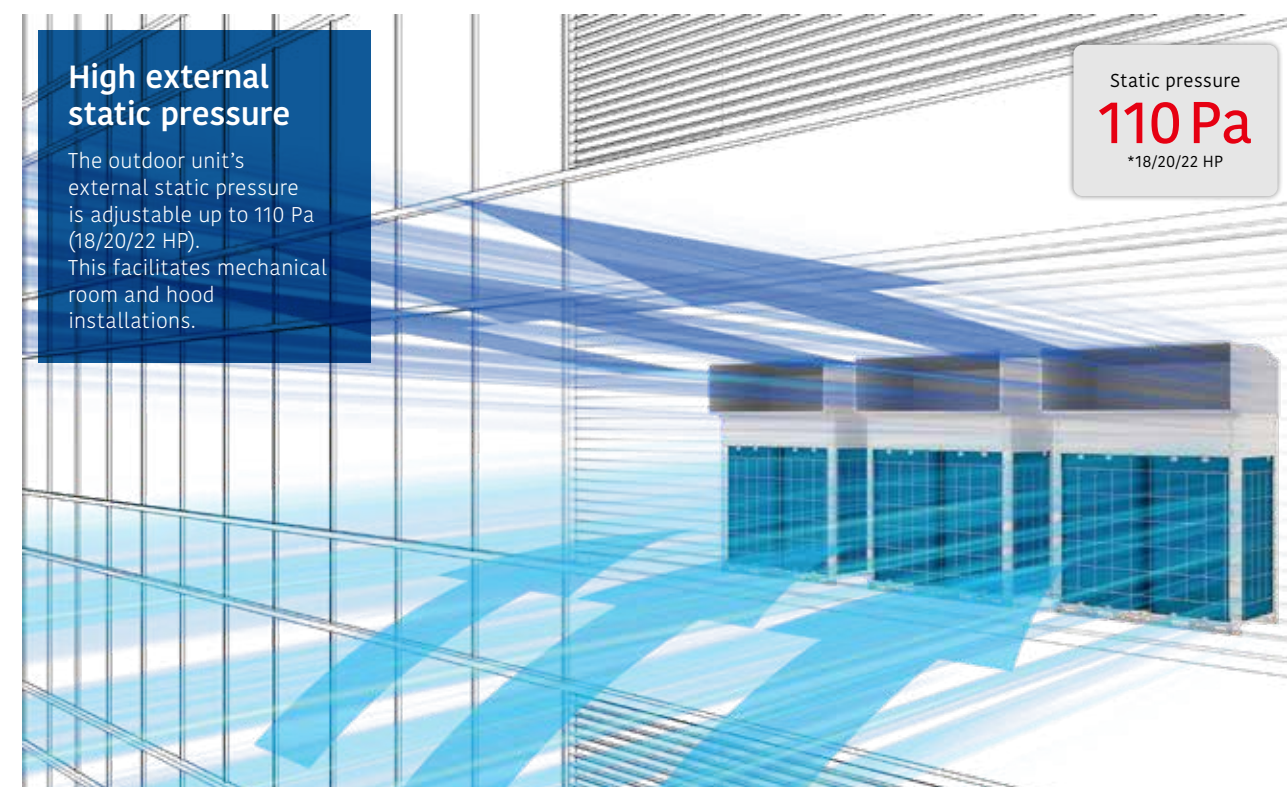
Comparison at 22 HP



High external static pressure

The outdoor unit's external static pressure is adjustable up to 110 Pa (18/20/22 HP). This facilitates mechanical room and hood installations.

Static pressure
110 Pa
*18/20/22 HP



Piping flexibility and safety measures

NEW RB Unit includes Shut off valve kit function

In addition to switching between cooling and heating modes, an electronic expansion valve function has been added to shut off the refrigerant. This eliminates the need to install a separate shutoff valve kit, reducing costs and improving installation efficiency.



NEW RB unit
(1 Port)

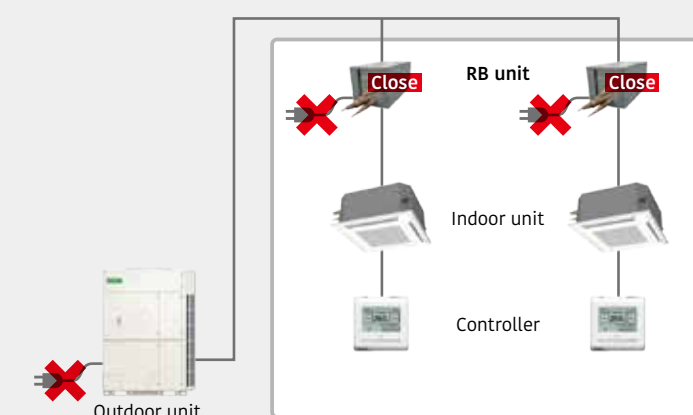


NEW RB unit
(4 Port)

No need to use Shut off valve kit for heat recovery use, provide simple installation

Enhanced disaster safety measures

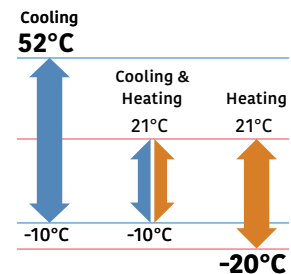
It features a power backup function for use during power outages. Furthermore, to prevent refrigerant leakage during power failures, the shut-off valve closes when a power outage occurs.



Comfort

Extended operating range for ambient temperature

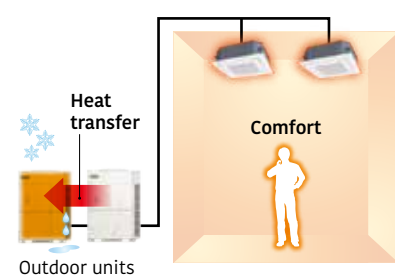
Extended operable ambient temperature enables an offer to different regions with different temperature condition.



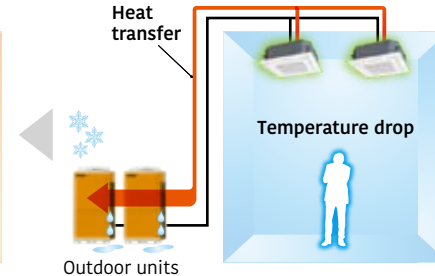
Rotation defrosting Heat Recovery type & additional type only

Rotation defrosting uses heat from other units instead of room heat, minimizing temperature drops and maintaining comfort during defrosting.

NEW VU-V model

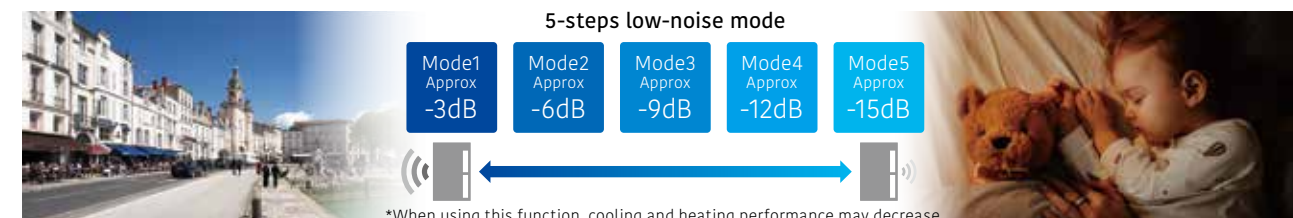


Current model



Environmentally conscious with low-noise mode

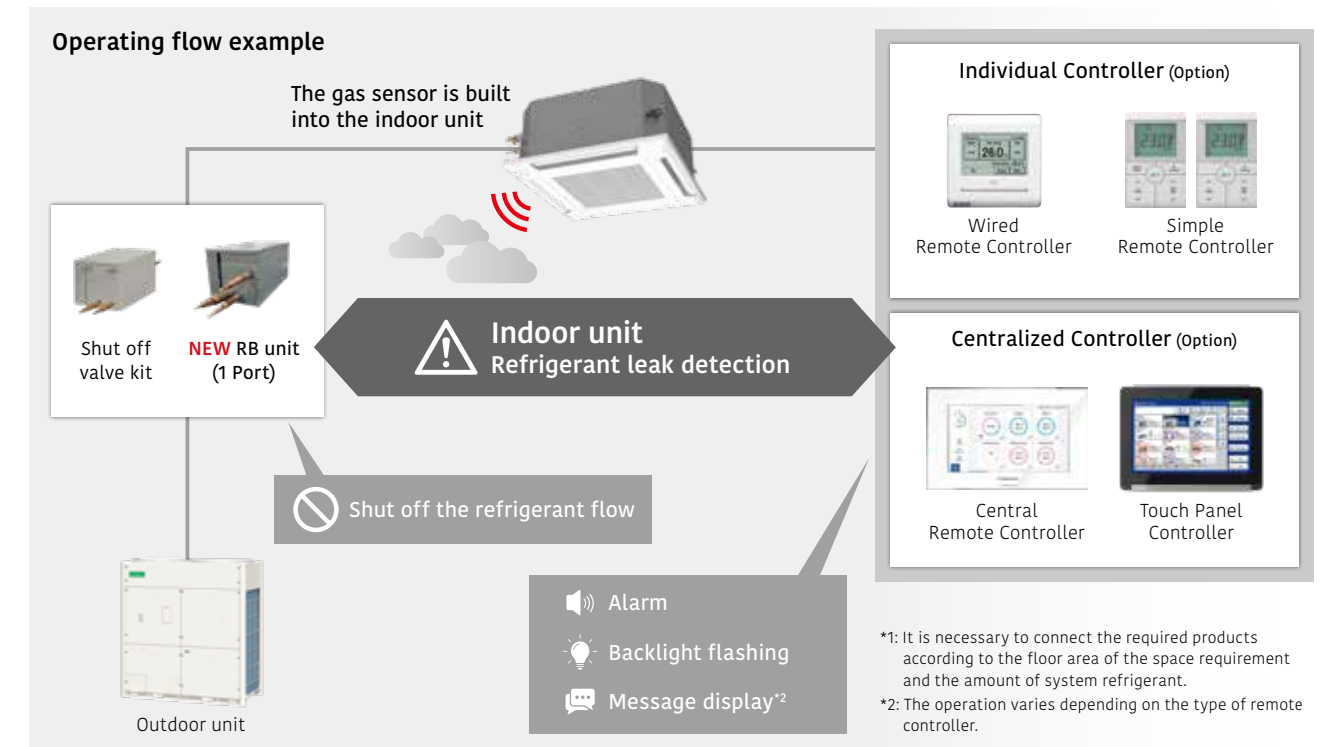
5-steps low-noise modes are available. This allows for detailed noise control in various external environments.



Easy Support

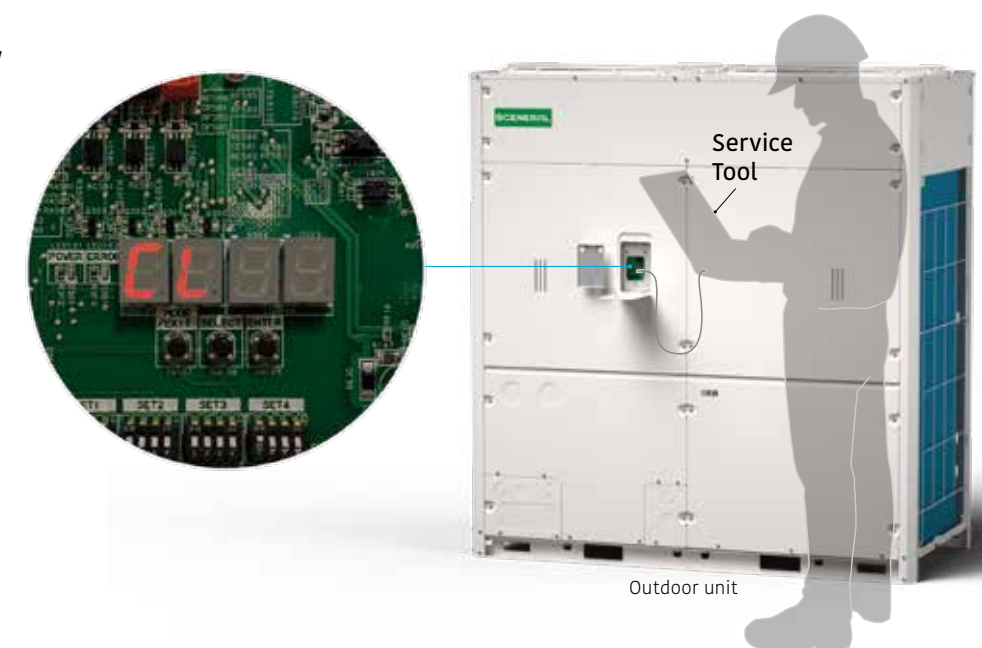
Safety measures in case of refrigerant leak

Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector. (Some indoor units require optional purchase.) Depending on the conditions of the room where the indoor unit is installed, countermeasures can be implemented using detection equipment.*1 When activated, the refrigerant leak detector triggers the "Shut off valve kit" and "Wired Remote Controller" to operate simultaneously. This notifies the user or administrator of a refrigerant leak while simultaneously stopping refrigerant circulation.



Service and maintenance window

The service window provides easy access to all multifunction displays and buttons without removing any main front panels. It is also convenient when connecting service tools.



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

Space saving combination

22.4 kW (8 HP)  AJH072HALAH UNIT:AJH072HALAH	28.0 kW (10 HP)  AJH090HALAH UNIT:AJH090HALAH	33.5 kW (12 HP)  AJH108HALAH UNIT:AJH108HALAH	40.0 kW (14 HP)  AJH126HALAH UNIT:AJH126HALAH	45.0 kW (16 HP)  AJH144HALAH UNIT:AJH144HALAH
50.4 kW (18 HP)  AJH162HALAH UNIT:AJH162HALAH	56.0 kW (20 HP)  AJH180HALAH UNIT:AJH180HALAH	61.5 kW (22 HP)  AJH198HALAH UNIT:AJH198HALAH	67.0 kW (24 HP)  AJH216HALAH UNIT:AJH108/108HALAH	73.0 kW (26 HP)  AJH234HALAH UNIT:AJH144/090HALAH
78.5 kW (28 HP)  AJH252HALAH UNIT:AJH144/108HALAH	85.0 kW (30 HP)  AJH270HALAH UNIT:AJH144/126HALAH	90.0 kW (32 HP)  AJH288HALAH UNIT:AJH144/144HALAH	96.0 kW(34 HP)  AJH306HALAH UNIT:AJH180/126HALAH	101.5 kW (36 HP)  AJH324HALAH UNIT:AJH198/126HALAH
106.5 kW (38 HP)  AJH342HALAH UNIT:AJH198/144HALAH	111.5 kW (40 HP)  AJH360HALAH UNIT:AJH198/162HALAH	117.5 kW (42 HP)  AJH378HALAH UNIT:AJH198/180HALAH	123.0 kW (44HP)  AJH396HALAH UNIT:AJH198/198HALAH	

Energy efficiency combination

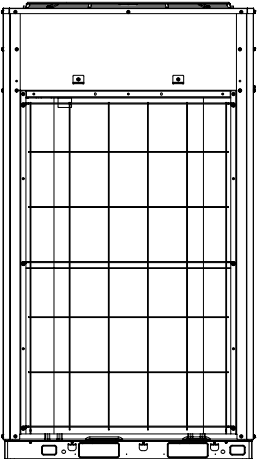
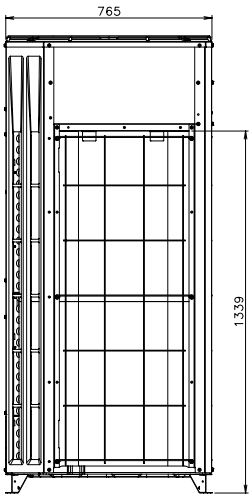
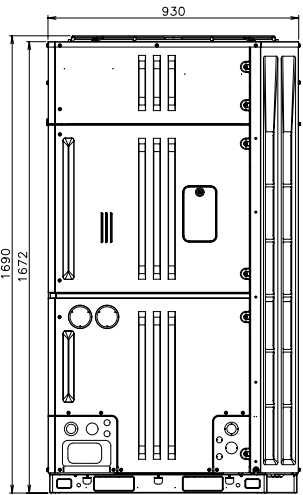
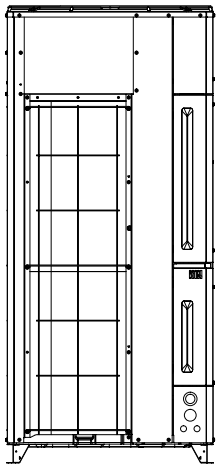
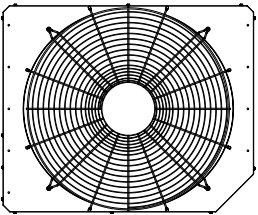
44.8 kW (16 HP)  AJH144HALAHH UNIT:AJH072/072HALAHH	50.4 kW (18 HP)  AJH162HALAHH UNIT:AJH090/072HALAHH	56.0 kW (20 HP)  AJH180HALAHH UNIT:AJH090/090HALAHH	61.5 kW (22 HP)  AJH198HALAHH UNIT:AJH108/090HALAHH	67.4 kW (24 HP)  AJH216HALAHH UNIT:AJH144/072HALAHH
80.0 kW (28 HP)  AJH252HALAHH UNIT:AJH126/126HALAHH	90.0 kW (32 HP)  AJH288HALAHH UNIT:AJH162/126HALAHH	100.0 kW (36 HP)  AJH324HALAHH UNIT:AJH162/162HALAHH	106.0 kW (38 HP)  AJH342HALAHH UNIT:AJH180/162HALAHH	

8,10,12HP : AJH072HALAH / AJH090HALAH / AJH108HALAH



Dimensions

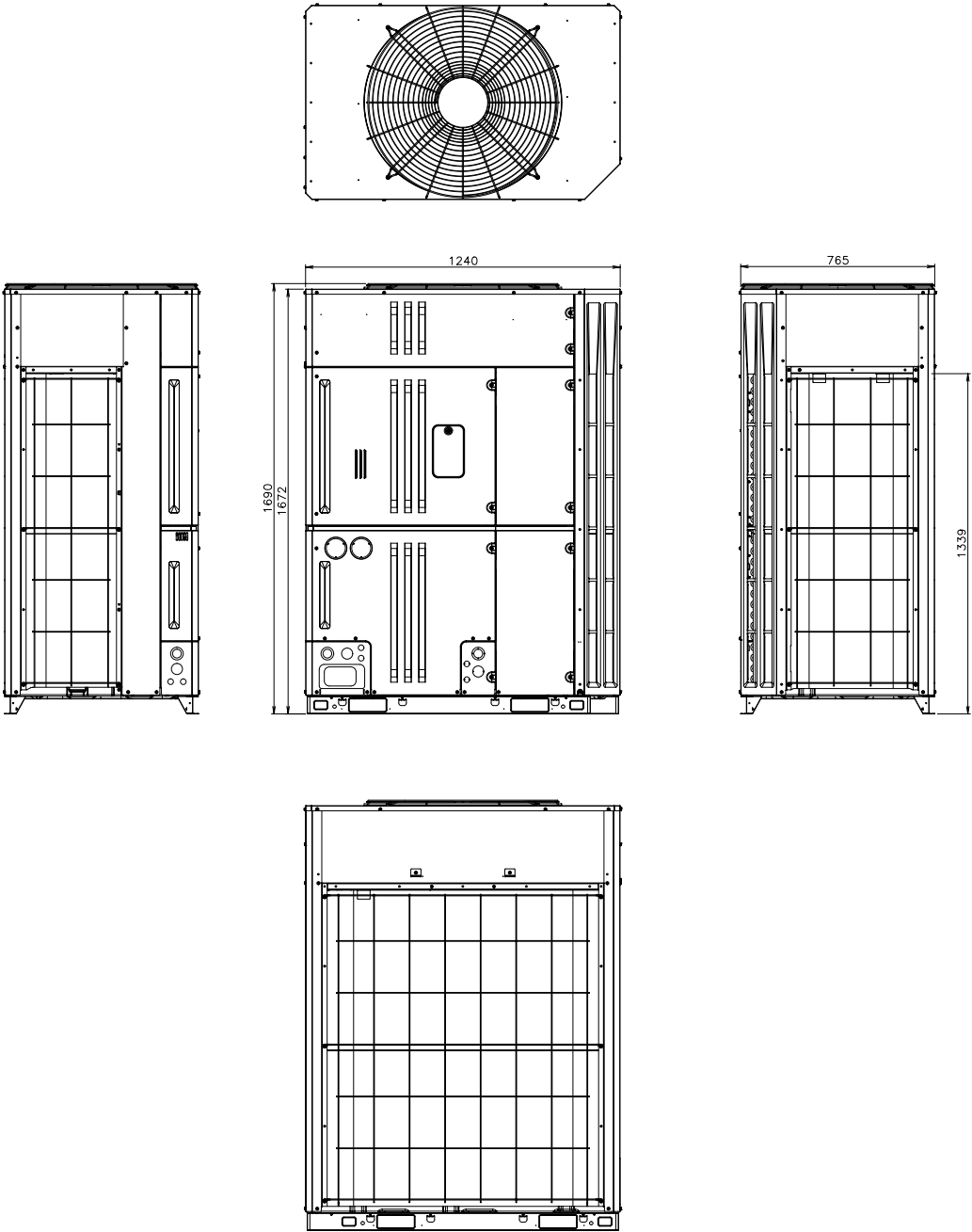
(Unit: mm)



14,16HP : AJH126HALAH / AJH144HALAH



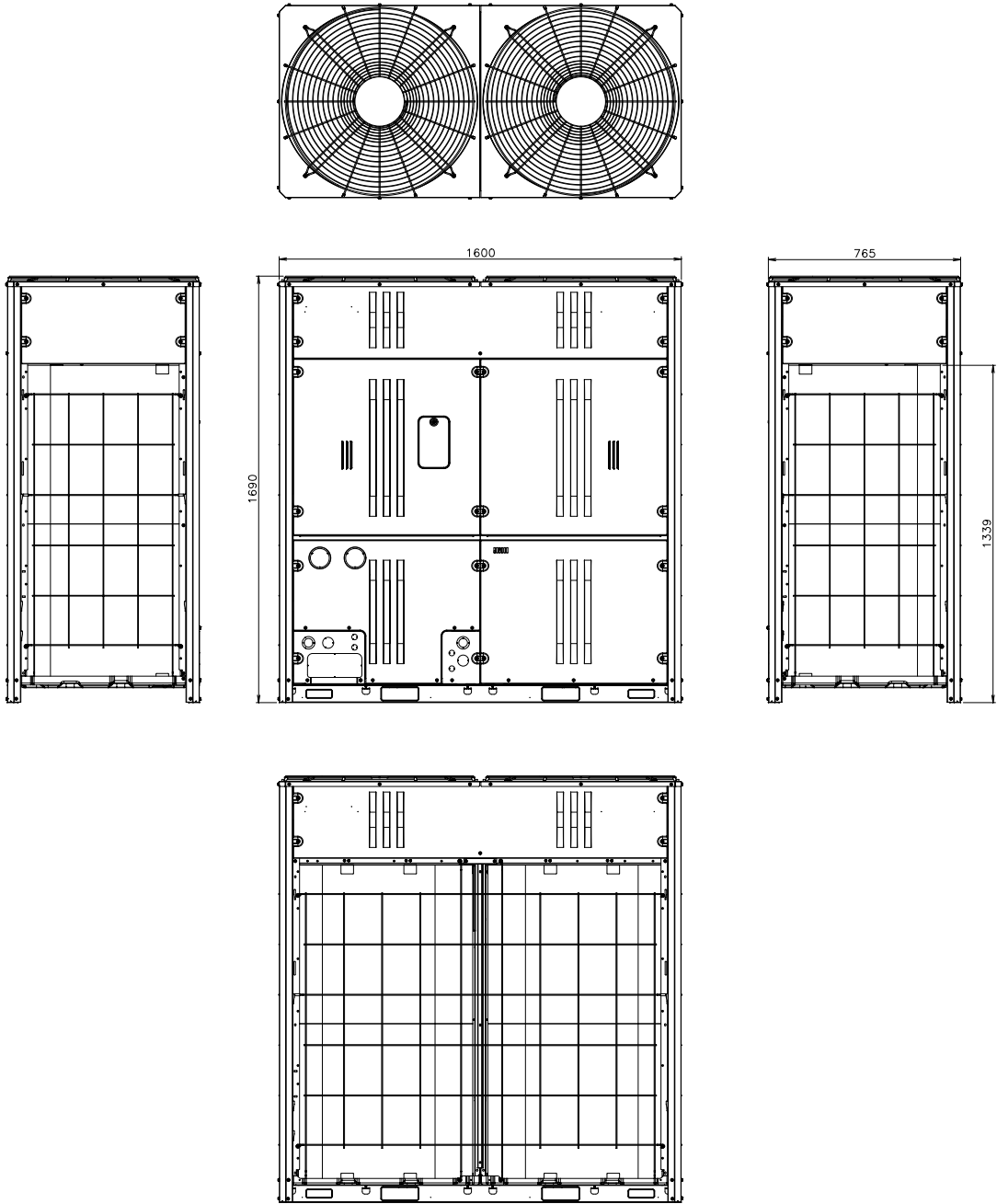
Dimensions
(Unit: mm)



18,20,22HP : AJH162HALAH / AJH180HALAH / AJH198HALAH



Dimensions
(Unit: mm)



Outdoor unit specifications (Heat Recovery)

Space saving combination

Space saving combination			TENTATIVE								TENTATIVE											
Rated Capacity range		HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	
Model Name			AJH072HALAH	AJH090HALAH	AJH108HALAH	AJH126HALAH	AJH144HALAH	AJH162HALAH	AJH180HALAH	AJH198HALAH	AJH216HALAH	AJH234HALAH	AJH252HALAH	AJH270HALAH	AJH288HALAH	AJH306HALAH	AJH324HALAH	AJH342HALAH	AJH360HALAH	AJH378HALAH	AJH396HALAH	
Unit 1			AJH072HALAH	AJH090HALAH	AJH108HALAH	AJH126HALAH	AJH144HALAH	AJH162HALAH	AJH180HALAH	AJH198HALAH	AJH108HALAH	AJH144HALAH	AJH144HALAH	AJH144HALAH	AJH144HALAH	AJH180HALAH	AJH198HALAH	AJH198HALAH	AJH198HALAH	AJH198HALAH	AJH198HALAH	
Unit 2											AJH108HALAH	AJH090HALAH	AJH108HALAH	AJH126HALAH	AJH144HALAH	AJH126HALAH	AJH126HALAH	AJH144HALAH	AJH162HALAH	AJH180HALAH	AJH198HALAH	
Maximum connectable indoor units*1			17	21	26	30	34	39	43	47	52	56	60	64	64	64	64	64	64	64	64	
Connectable capacity range of indoor units		min-max	kW	5.6-33.6	7.0-42.0	8.4-50.2	10.0-60.0	11.3-67.5	25.0-75.0	28.0-84.0	30.8-92.2	16.8-100.5	18.3-109.5	19.7-117.7	21.3-127.5	22.5-135.0	24.0-144.0	25.4-152.2	26.7-159.7	27.9-167.2	29.4-176.2	30.8-184.5
Power source			3-phase, 4-wire, 400 V, 50Hz																			
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	67.0	73.0	78.5	85.0	90.0	96.0	101.5	106.5	111.5	117.5	123.0	
	Nominal Heating		22.4	28.0	33.5	40.0	42.0	50.0	56.0	61.5	67.0	70.0	75.5	82.0	84.0	96.0	101.5	103.5	111.5	117.5	123.0	
	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	108.0	114.0	117.0	125.5	132.0	138.0	
Input power	Cooling	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Nominal Heating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Max. Heating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EER	Cooling	W/W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COP	Nominal Heating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Max. Heating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SEER	Cooling		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SCOP	Heating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ηc	Cooling	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ηh	Heating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Air flow rate	High	m³/h	11,100	11,100	11,100	13,000	13,000	22,200	22,200	22,200	11,100×2	13,000+11,100	13,000+11,100	13,000×2	13,000×2	22,200+13,000	22,200+13,000	22,200+13,000	22,200×2	22,200×2	22,200×2	
Sound pressure level*2 / Power level	Cooling	dB(A)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Heating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Max. External static pressure		Pa	80	80	80	80	80	110	110	110	80	80	80	80	80	80	80	80	110	110	110	
Compressor motor output		kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.70×2	6.20+4.70	6.20+4.70	6.20×2	6.20×2	4.70×2+4.70	4.70×2+6.20	4.70×2+6.20	4.70×2×2	4.70×2×2	4.70×2×2	
Heat exchanger fin			Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	
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	
	Width		930	930	930	1,240	1,240	1,600	1,600	1,600	930×2	1,240+930	1,240+930	1,240×2	1,240×2	1,600+1,240	1,600+1,240	1,600×2	1,600×2	1,600×2	1,600×2	
	Depth		765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
Weight		kg	258	258	258	281	281	414	414	414	258×2	281×2	281×2	281×2	281×2	414+258	414+281	414+281	414×2	414×2	414×2	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	9.8 (6.615)	9.8 (6.615)	9.8 (6.615)	11.8 (7.965)	11.8 (7.965)	11.8 (7.965)	11.8 (7.965)	11.8 (7.965)	9.8×2 (6.615×2)	11.8+9.8 (7.965+6.615)	11.8+9.8 (7.965+6.615)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	
Connection pipe diameter	Liquid	mm	9.52	9.52	12.70	12.70	12.70	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	
	Discharge Gas		15.88	15.88	19.05	19.05	19.05	19.05	19.05	22.22	22.22	22.22	22.22	22.22	22.22	28.58	28.58	28.58	28.58	28.58	28.58	
	Suction Gas		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	34.92	34.92	34.92	34.92	34.92	34.92	
Operating Range	Cooling	°CDB	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	
	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	
	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	

Energy Efficiency Combination

Energy Efficiency Combination			TENTATIVE				TENTATIVE					
Rated Capacity range		HP	16	18	20	22	24	28	32	36	38	
Model Name			AJH162HALAHH	AJH162HALAHH	AJH180HALAHH	AJH198HALAHH	AJH216HALAHH	AJH252HALAHH	AJH288HALAHH	AJH324HALAHH	AJH342HALAHH	
Unit 1			AJH072HALAH	AJH090HALAH	AJH108HALAH	AJH108HALAH	AJH144HALAH	AJH162HALAH	AJH162HALAH	AJH180HALAH	AJH180HALAH	
Unit 2			AJH072HALAH	AJH072HALAH	AJH090HALAH	AJH090HALAH	AJH072HALAH	AJH126HALAH	AJH126HALAH	AJH162HALAH	AJH162HALAH	
Maximum connectable indoor units*1			34	39	43	47	52	60	64	64	64	
Connectable capacity range of indoor units	min-max	kW	11.2 - 67.2	12.6 - 75.6	14.0 - 84.0	15.4 - 92.2	16.9 - 101.1	20.0 - 120.0	22.5 - 135.0	25.0 - 150.0	26.5 - 159.0	
Power source			3-phase, 4-wire, 400 V, 50Hz				3-phase, 4-wire, 400 V, 50Hz					
Capacity	Cooling	kW	44.8	50.4	56.0	61.5	67.4	80.0	90.0	100.0	106.0	
	Nominal Heating		44.8	50.4	56.0	61.5	64.4	80.0	90.0	100.0	106.0	
	Max. Heating		50.0	56.5	63.0	69.0	73.0	90.0	101.5	113.0	119.5	
Input power	Cooling	kW	-	-	-	-	-	-	-	-	-	
	Nominal Heating		-	-	-	-	-	-	-	-	-	
	Max. Heating		-	-	-	-	-	-	-	-	-	
EER	Cooling	W/W	-	-	-	-	-	-	-	-	-	
COP	Nominal Heating		-	-	-	-	-	-	-	-	-	
	Max. Heating		-	-	-	-	-	-	-	-	-	
SEER	Cooling		-	-	-	-	-	-	-	-	-	
SCOP	Heating		-	-	-	-	-	-	-	-	-	
ηc	Cooling	%	-	-	-	-	-	-	-	-	-	
ηh	Heating		-	-	-	-	-	-	-	-	-	
Air flow rate	High	m³/h	11,100×2	11,100×2	11,100×2	11,100×2	13,000+11,100	13,000×2	22,200+13,000	22,200×2	22,200×2	
Sound pressure level*2 / Power level	Cooling	dB(A)	-	-	-	-	-	-	-	-	-	
	Heating		-	-	-	-	-	-	-	-	-	
Max. External static pressure		Pa	80	80	80	80	80	80	80	110	110	
Compressor motor output		kW	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	
Heat exchanger fin			Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	
Net Dimensions	Height	mm	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	
	Width		930×2	930×2	930×2	930×2	1,240+930	1,240×2	1,600+1,240	1,600×2	1,600×2	
	Depth		765	765	765	765	765	765	765	765	765	
Weight		kg	264×2	264×2	264×2	258×2	281+258	281×2	414+281	414×2	414×2	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	9.8×2 (6.615×2)	9.8×2 (6.615×2)	9.8×2 (6.615×2)	9.8×2 (6.615×2)	11.8+9.8 (7.965+6.615)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	
Connection pipe diameter	Liquid	mm	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88	
	Discharge Gas		19.05	19.05	22.22	22.22	22.22	22.22	28.58	28.58	28.58	
	Suction Gas		22.22	22.22	28.58	28.58	28.58	28.58	34.92	34.92	34.92	
Operating Range	Cooling	°CDB	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	-10 to 52	
	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	
	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	

Outdoor unit specifications (Heat Pump)

Space saving combination

Space saving combination			TENTATIVE								TENTATIVE											
Rated Capacity range		HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	
Model Name			AJH072HALAH	AJH090HALAH	AJH108HALAH	AJH126HALAH	AJH144HALAH	AJH162HALAH	AJH180HALAH	AJH198HALAH	AJH216HALAH	AJH234HALAH	AJH252HALAH	AJH270HALAH	AJH288HALAH	AJH306HALAH	AJH324HALAH	AJH342HALAH	AJH360HALAH	AJH378HALAH	AJH396HALAH	
Unit 1			AJH072HALAH	AJH090HALAH	AJH108HALAH	AJH126HALAH	AJH144HALAH	AJH162HALAH	AJH180HALAH	AJH198HALAH	AJH108HALAH	AJH144HALAH	AJH144HALAH	AJH144HALAH	AJH144HALAH	AJH180HALAH	AJH198HALAH	AJH198HALAH	AJH198HALAH	AJH198HALAH	AJH198HALAH	
Unit 2											AJH108HALAH	AJH090HALAH	AJH108HALAH	AJH126HALAH	AJH144HALAH	AJH126HALAH	AJH126HALAH	AJH144HALAH	AJH162HALAH	AJH180HALAH	AJH198HALAH	
Maximum connectable indoor units*1			17	21	26	30	34	39	43	47	52	56	60	64	64	64	64	64	64	64	64	
Connectable capacity range of indoor units		min-max	kW	11.2-33.6	14.0-42.0	16.8-50.2	20.0-60.0	22.5-67.5	25.0-75.0	28.0-84.0	30.8-92.2	33.5-100.5	36.5-109.5	39.3-117.7	42.5-127.5	45.0-135.0	48.0-144.0	50.8-152.2	53.3-159.7	55.8-167.2	58.8-176.2	61.5-184.5
Power source			3-phase, 4-wire, 400 V, 50Hz																			
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	67.0	73.0	78.5	85.0	90.0	96.0	101.5	106.5	111.5	117.5	123.0	
	Nominal Heating		22.4	28.0	33.5	40.0	42.0	50.0	56.0	61.5	67.0	70.0	75.5	82.0	84.0	96.0	101.5	103.5	111.5	117.5	123.0	
Input power	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	108.0	114.0	117.0	125.5	132.0	138.0		
	Cooling	5.59	8.46	9.44	11.76	14.85	13.40	15.38	19.84	18.87	20.74	23.86	26.48	29.70	28.92	31.23	34.80	32.70	34.87	39.68		
	Nominal Heating	4.66	6.48	7.70	9.55	10.45	12.69	14.29	16.85	15.40	15.87	18.06	20.00	20.90	24.00	25.89	27.02	29.42	31.08	33.70		
EER	Max. Heating	5.46	8.08	9.38	11.69	12.03	13.33	17.40	20.12	18.75	20.15	21.40	23.72	24.06	28.92	31.32	31.54	32.72	37.45	40.23		
	Cooling	4.01	3.31	3.55	3.40	3.03	3.73	3.64	3.10	3.55	3.52	3.29	3.21	3.03	3.32	3.25	3.06	3.41	3.37	3.10		
COP	Nominal Heating	4.81	4.32	4.35	4.19	4.02	3.94	3.92	3.65	4.35	4.41	4.18	4.10	4.02	4.00	3.92	3.83	3.79	3.78	3.65		
	Max. Heating	4.58	3.90	4.00	3.85	3.99	4.24	3.62	3.43	4.00	3.95	4.00	3.92	3.99	3.74	3.64	3.71	3.84	3.53	3.43		
SEER	Cooling	7.98	7.45	7.95	7.60	7.00	6.33	8.25	6.33	7.95	7.23	7.48	7.30	7.00	7.93	6.96	6.66	6.33	7.29	6.33		
SCOP	Heating	4.00	4.02	4.39	4.45	4.54	4.03	3.98	3.86	4.39	4.28	4.47	4.49	4.54	4.21	4.15	4.20	3.94	3.92	3.86		
ηc	Cooling	%	316	295	315	301	277	250	327	250	315	286	296	289	277	314	276	264	250	289	250	
ηh	Heating		156.8	157.7	172.7	174.8	178.5	158.0	156.0	151.5	172.7	168.1	175.6	176.7	178.5	165.4	163.2	165.0	154.8	153.8	151.5	
Air flow rate	High	m³/h	11,100	11,100	11,100	13,000	13,000	22,200	22,200	22,200	11,100×2	13,000+11,100	13,000+11,100	13,000×2	13,000×2	22,200+13,000	22,200+13,000	22,200+13,000	22,200×2	22,200×2	22,200×2	
Sound pressure level*2 / Power level	Cooling	dB(A)	57/77	59/79	59/79	61/81	61/81	61/81	65/85	65/85	62/82	63/83	63/83	64/84	64/84	66/86	66/86	66/86	66/86	68/88	68/88	
	Heating		58/78	59/79	63/83	62/82	63/83	64/84	67/87	67/87	66/86	64/84	66/86	66/86	66/86	68/88	68/88	69/89	70/90	70/90	70/90	
Max. External static pressure		Pa	80	80	80	80	80	110	110	110	80	80	80	80	80	80	80	80	110	110	110	
Compressor motor output		kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.70×2	6.20+4.70	6.20+4.70	6.20×2	6.20×2	4.70×2+6.20	4.70×2+6.20	4.70×2+6.20	4.70×2×2	4.70×2×2	4.70×2×2	
Heat exchanger fin			Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	
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	
	Width		930	930	930	1,240	1,240	1,600	1,600	1,600	930×2	1,240+930	1,240+930	1,240×2	1,240×2	1,600+1,240	1,600+1,240	1,600×2	1,600×2	1,600×2	1,600×2	
	Depth		765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
Weight		kg	258	258	258	281	281	414	414	414	258×2	281×2	281×2	281×2	281×2	414+281	414+281	414+281	414×2	414×2	414×2	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	9.8 (6.615)	9.8 (6.615)	9.8 (6.615)	11.8 (7.965)	11.8 (7.965)	11.8 (7.965)	11.8 (7.965)	11.8 (7.965)	9.8×2 (6.615×2)	11.8+9.8 (7.965+6.615)	11.8+9.8 (7.965+6.615)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	
Connection pipe diameter	Liquid	mm	9.52	9.52	12.70	12.70	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88		
	Gas		19.05	19.05	22.22	22.22	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	34.92	
Operating Range	Cooling	°CDB	-15 to 52	-15 to 52	-15 to 52	-15 to 52	-15 to 52	-15 to 52	-15 to 52	-15 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	
	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	

Energy Efficiency Combination

Energy Efficiency Combination			TENTATIVE				TENTATIVE					
Rated Capacity range		HP	16	18	20	22	24	28	32	36	38	
Model Name			AJH162HALAHH	AJH162HALAHH	AJH180HALAHH	AJH198HALAHH	AJH216HALAHH	AJH252HALAHH	AJH288HALAHH	AJH324HALAHH	AJH342HALAHH	
Unit 1			AJH072HALAH	AJH090HALAH	AJH090HALAH	AJH108HALAH	AJH144HALAH	AJH126HALAH	AJH162HALAH	AJH180HALAH	AJH180HALAH	
Unit 2			AJH072HALAH	AJH072HALAH	AJH090HALAH	AJH090HALAH	AJH072HALAH	AJH126HALAH	AJH126HALAH	AJH126HALAH	AJH162HALAH	
Maximum connectable indoor units*1			34	39	43	47	52	60	64	64	64	
Connectable capacity range of indoor units	min-max	kW	22.4 - 67.2	25.2 - 75.6	28.0 - 84.0	30.8 - 92.2	33.7 - 101.1	40.0 - 120.0	45.0 - 135.0	50.0 - 150.0	53.0 - 159.0	
Power source			3-phase, 4-wire, 400 V, 50Hz						3-phase, 4-wire, 400 V, 50Hz			
Capacity	Cooling	kW	44.8	50.4	56.0	61.5	67.4	80.0	90.0	100.0	106.0	
	Nominal Heating		44.8	50.4	56.0	61.5	64.4	80.0	90.0	100.0	106.0	
	Max. Heating		50.0	56.5	63.0	69.0	73.0	90.0	101.5	113.0	119.5	
Input power	Cooling	kW	11.17	13.77	16.92	17.93	19.15	20.94	25.28	26.81	28.80	
	Nominal Heating		9.31	11.05	12.96	16.06	14.60	18.35	22.17	25.38	26.97	
	Max. Heating		10.92	13.33	16.15	17.47	17.04	23.38	25.09	26.65	30.41	
EER	Cooling	W/W	4.01	3.66	3.31	3.43	3.52	3.82	3.56	3.73	3.68	
COP	Nominal Heating		4.81	4.56	4.32	3.83	4.41	4.36	4.06	3.94	3.93	
	Max. Heating		4.58	4.24	3.90	3.95	4.29	3.85	4.05	4.24	3.93	
SEER	Cooling		7.98	7.71	7.45	7.70	7.49	7.60	6.96	6.33	7.29	
SCOP	Heating		4.00	4.01	4.02	4.21	4.27	4.45	4.24	4.03	4.00	
ηc	Cooling	%	316.0	305.5	295.0	305.0	296.5	301.0	275.5	250.0	288.5	
ηh	Heating		156.8	157.3	157.7	165.2	167.7	174.8	166.4	158.0	157.0	
Air flow rate	High	m³/h	11,100×2	11,100×2	11,100×2	11,100×2	13,000+11,100	13,000×2	22,200+13,000	22,200×2	22,200×2	
Sound pressure level*2 / Power level	Cooling	dB(A)	60/80	61/81	62/82	62/82	62/82	64/84	64/84	64/84	66/86	
	Heating		61/81	62/82	62/82	64/84	64/84	65/85	66/86	67/87	69/89	
Max. External static pressure		Pa	80	80	80	80	80	80	80	110	110	
Compressor motor output		kW	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	7.5×2	
Heat exchanger fin			Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	Corrugate (Aluminum)	
Net Dimensions	Height	mm	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	
	Width		930×2	930×2	930×2	930×2	1,240+930	1,240×2	1,600+1,240	1,600×2	1,600×2	
	Depth		765	765	765	765	765	765	765	765	765	
Weight		kg	264×2	264×2	264×2	258×2	281+258	281×2	414+281	414×2	414×2	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	9.8×2 (6.615×2)	9.8×2 (6.615×2)	9.8×2 (6.615×2)	9.8×2 (6.615×2)	11.8+9.8 (7.965+6.615)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	11.8×2 (7.965×2)	
Connection pipe diameter	Liquid	mm	12.70	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	
	Gas		22.22	22.22	28.58	28.58	28.58	28.58	34.92	34.92	34.92	
Operating Range	Cooling	°CDB	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	-5 to 52	
	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	



VRF R32 INDOOR UNITS

3 types and 73 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-050 VRF Indoor Unit Lineup for J-VS, J-VL, VU-V

Cassette

V-052 Compact 4-way flow

Cassette - Built in gas sensor

V-054 Compact 4-way flow

V-056 Circular Flow - Slim

V-058 Circular Flow - Large

Duct - Built in gas sensor

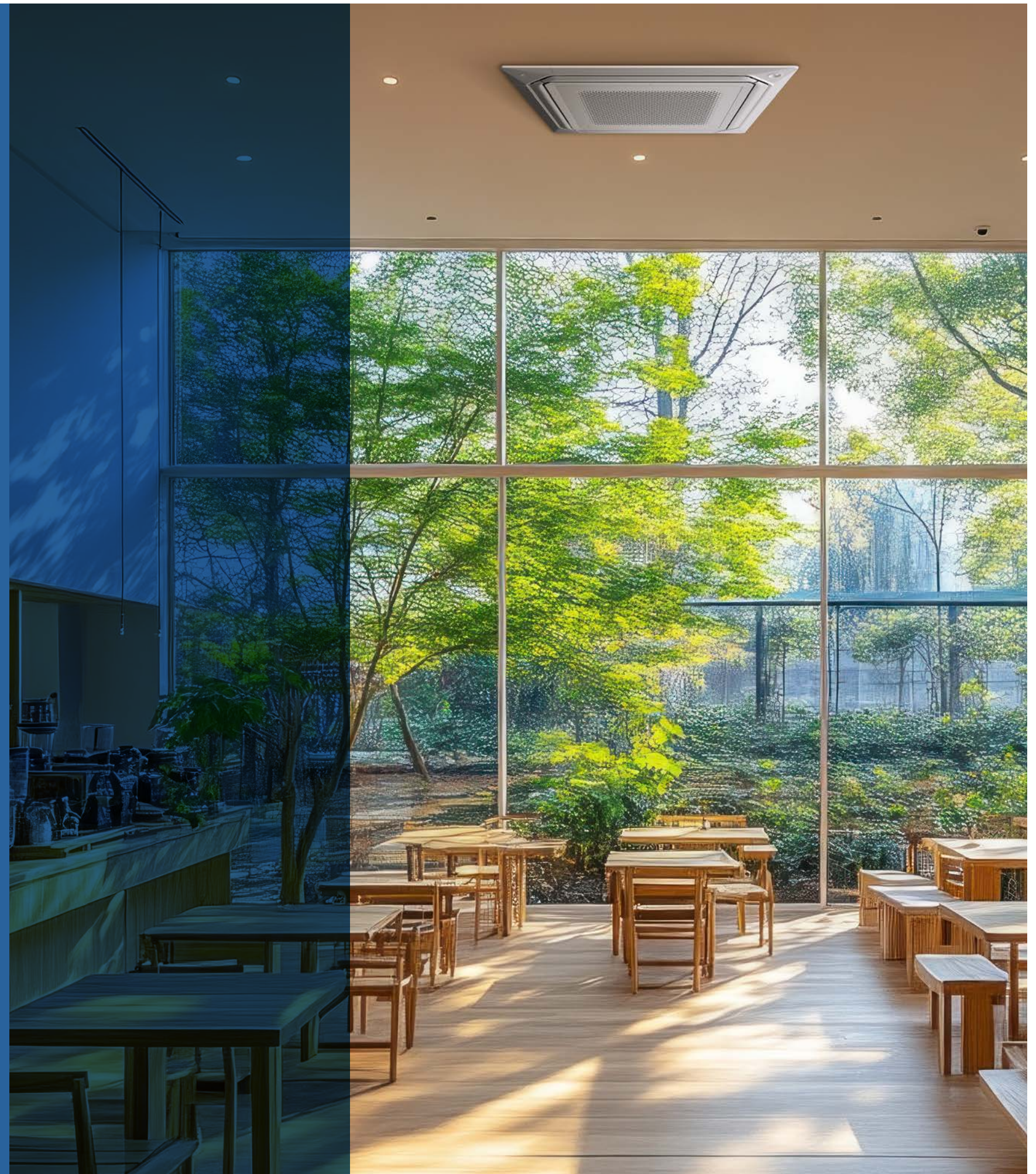
V-060 Low static pressure Mini Duct

V-062 Low Static Pressure Slim Duct

V-064 Medium Static Pressure

Wall-Mounted

V-066 Wall-Mounted (EEV Internal/external)



VRF Indoor Unit Lineup for J-VS J-VL VU-V

Capacity range (kW)				1.1	1.7	2.2		2.8	3.6	4.0	4.5	5.6	7.1	9.0	10.0	11.2	12.5	14.0	
Class				4	5	7		9	12	14	14	18	24	30	34	36	45	54	
Cassette	Compact 4-way flow	Standard*1		AUXB 004 HLAH	AUXB 005 HLAH	AUXB 007 HLAH		AUXB 009 HLAH	AUXB 012 HLAH		AUXB 014 HLAH	AUXB 018 HLAH							
		Standard Built-in gas sensor		AUXB 004 HLBH	AUXB 005 HLBH	AUXB 007 HLBH		AUXB 009 HLBH	AUXB 012 HLBH		AUXB 014 HLBH	AUXB 018 HLBH							
		High Efficiency*1*2						AUXN 009 HLAH	AUXN 012 HLAH		AUXN 014 HLAH								
	Circular Flow	Slim Built-in gas sensor						AUXM 009 HLBH	AUXM 012 HLBH		AUXM 014 HLBH	AUXM 018 HLBH	AUXM 024 HLBH	AUXM 030 HLBH					
		High Efficiency* Built-in gas sensor										AUXN 018 HLBH							
		Large Built-in gas sensor											AUXK 018 HLBH	AUXK 024 HLBH	AUXK 030 HLBH	AUXK 034 HLBH	AUXK 036 HLBH	AUXK 045 HLBH	AUXK 054 HLBH
Duct	Low Static Pressure	Mini Duct Built-in gas sensor	 004 - 012 014 - 018 024	ARXK 004 HLBH	ARXK 005 HLBH	ARXK 007 HLBH		ARXK 009 HLBH	ARXK 012 HLBH		ARXK 014 HLBH	ARXK 018 HLBH	ARXK 024 HLBH						
		Slim Duct Built-in gas sensor	 004 - 014 018 024	ARXD 004 HLBH	ARXD 005 HLBH	ARXD 007 HLBH		ARXD 009 HLBH	ARXD 012 HLBH		ARXD 014 HLBH	ARXD 018 HLBH	ARXD 024 HLBH						
		High Efficiency*1*2	 009 - 014					ARXP 009 HLAH	ARXP 012 HLAH		ARXP 014 HLAH								
	Medium Static Pressure	Standard Built-in gas sensor	 007 - 018 024 - 030 036 - 045			ARXL 007 HTBH		ARXL 009 HTBH	ARXL 012 HTBH		ARXL 014 HTBH	ARXL 018 HTBH	ARXL 024 HTBH	ARXL 030 HTBH			ARXL 036 HTBH	ARXL 045 HTBH	
		High Efficiency* Built-in gas sensor	 018 - 030									ARXP 018 HTBH		ARXP 030 HTBH					
Wall-Mounted	EEV Internal*1		 004 - 014	ASHA 004 HCAH	ASHA 005 HCAH	ASHA 007 HCAH		ASHA 009 HCAH	ASHA 012 HCAH	ASHA 014 HCAH									
	EEV External*1		 004 - 014	ASHE 004 HCAH	ASHE 005 HCAH	ASHE 007 HCAH		ASHE 009 HCAH	ASHE 012 HCAH	ASHE 014 HCAH									
					This model requires the EV Kit to be connected.														

*1:AUXB***HLAH and ASHA***HCAH, ASHE***HCAH, ARXP***HLAH, AUXN***HLAH are only connectable to J-VS and J-VL. *2:Production by order

Cassette type
Compact 4-way flow

*This product does not include a gas sensor.



Model: AUXB004HLAH / AUXB005HLAH / AUXB007HLAH
AUXB009HLAH / AUXB012HLAH / AUXB014HLAH
AUXB018HLAH

AUXN009HLAH / AUXN012HLAH / AUXN014HLAH
* Production by order



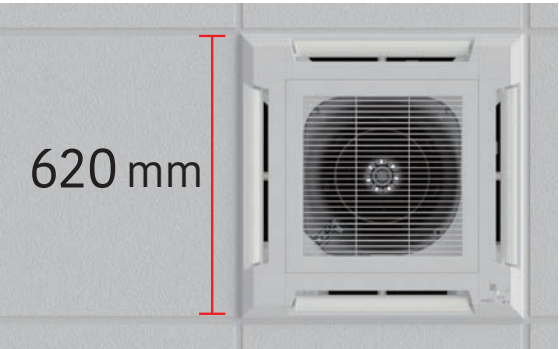
Specifications

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

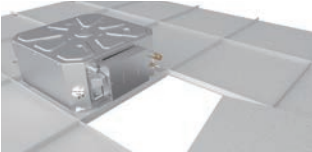
Compact and Stylish Panel

The compact and stylish panel fits nicely into a grid type ceiling. The linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



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.



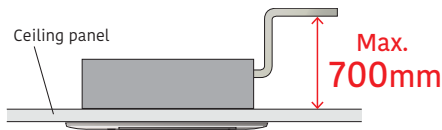
The air inlet grille can be installed to open in any direction for easy maintenance.



Optional parts

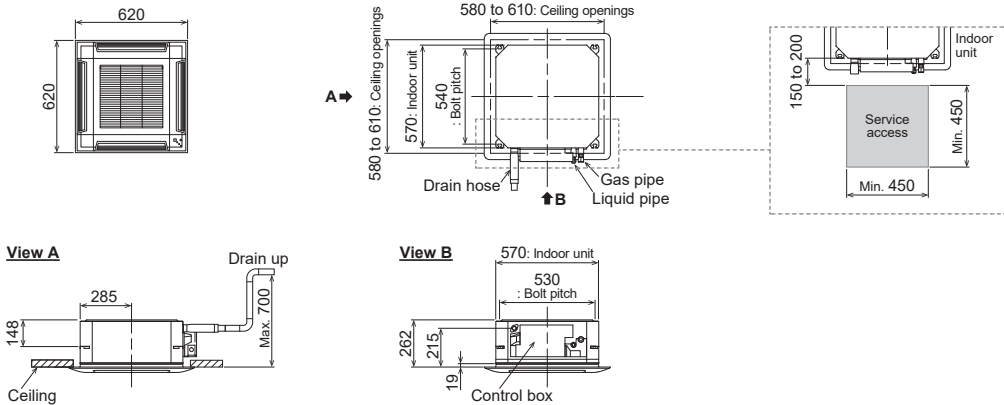
*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Flesh Air Intake Kit:	UTZ-VXAA	Gas Sensor Kit:	UTY-SGZH / UTY-SGZH1
Insulation kit for high humidity:	UTZ-KXGC	Air Outlet Shutter Plate:	UTR-YDZB
Silver Ion Filter:	UTD-HFAA	External power supply unit:	UTZ-GXXD
Remote Sensor Kit:	UTY-XSZXZ1	Shut off valve kit:	UTP-GX027A /
Cassette Grille:	UTG-UFGH-W		UTP-GX060A /
Expansion Kit:	UTZ-JXXA		UTP-GX090A



Dimensions

(Unit: mm)



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

Cassette type
Compact 4-way flow
Standard
(Built-in gas sensor)



Model: AUXB004HLBH / AUXB005HLBH / AUXB007HLBH
AUXB009HLBH / AUXB012HLBH / AUXB014HLBH
AUXB018HLBH



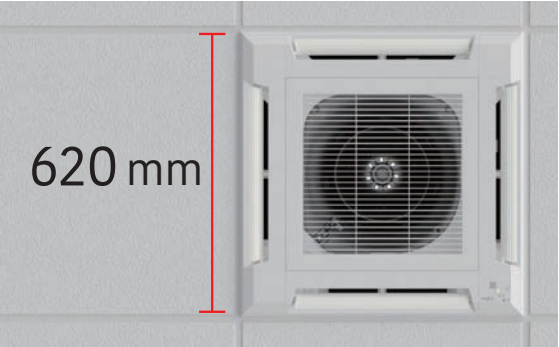
Specifications

Model name			AUXB004HLBH	AUXB005HLBH	AUXB007HLBH	AUXB009HLBH	AUXB012HLBH	AUXB014HLBH	AUXB018HLBH
Power source			Single phase, 220-240V~, 50Hz						
Capacity	Cooling	kW	1.1	1.7	2.2	2.8	3.6	4.5	5.6
	Heating		1.3	1.9	2.8	3.2	4.1	5.0	6.3
Input power		W	21	21	23	24	27	33	50
Airflow rate (Cooling / Heating)*	High	m³/h	530	530	540	550	600	680	820
	Med-High		490 / 480	490 / 480	500	520	560	620	660
	Med		450 / 430	450 / 430	460	480	520	560	590
	Med-Low		420 / 380	420 / 380	420	440	480	500	520
	Low		390 / 340	390 / 340	390	400	430	440	460
	Quiet		350 / 300	350 / 300	350	350	390	390	400
Sound pressure level (Cooling / Heating)*	High	dB(A)	34	34	34	35	37	39	45
	Med-High		32 / 31	32 / 31	32	33	34	37	39
	Med		30 / 29	30 / 29	30	31	33	34	36
	Med-Low		28 / 26	28 / 26	28	29	31	32	33
	Low		27 / 24	27 / 24	27	27	29	30	30
	Quiet		25 / 21	25 / 21	25	25	27	27	27
Net Dimensions (H × W × D)		mm	245 × 570 × 570						
Weight		kg	14.5	14.5	15	15	15.5	15.5	17
Connection pipe diameter	Liquid (Flare)	mm	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
Drain Hose Diameter (I.D./O.D.)			25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32
Cassette Grille	Model name		UTG-UTGH-W						
	Net Dimensions (H × W × D)	mm	49 × 620 × 620						
	Weight	kg	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.

Compact and Stylish Panel

The compact and stylish panel fits nicely into a grid type ceiling. The linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



Flexible Installation

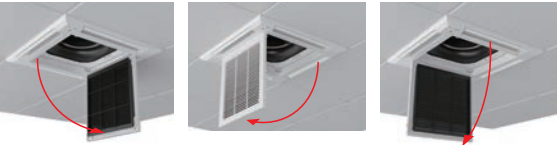
The unit fits nicely into the decor of a grid type ceiling and can be installed near a lighting or a ventilation opening.

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.

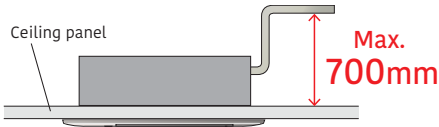


The air inlet grille can be installed to open in any direction for easy maintenance.



Optional parts *For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Flesh Air Intake Kit:	UTZ-VXAA	Gas Sensor Kit:	UTY-SGZH / UTY-SGZH1
Insulation kit for high humidity:	UTZ-KXGC	Air Outlet Shutter Plate:	UTR-YDZB
Silver Ion Filter:	UTD-HFAA	External power supply unit:	UTZ-GXXD
Remote Sensor Kit:	UTY-XSZXZ1	Shut off valve kit:	UTP-GX027A /
Cassette Grille:	UTG-UFGH-W		UTP-GX060A /
Expansion Kit:	UTZ-JXXA		UTP-GX090A



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

Safety measures in Case of Refrigerant Leak

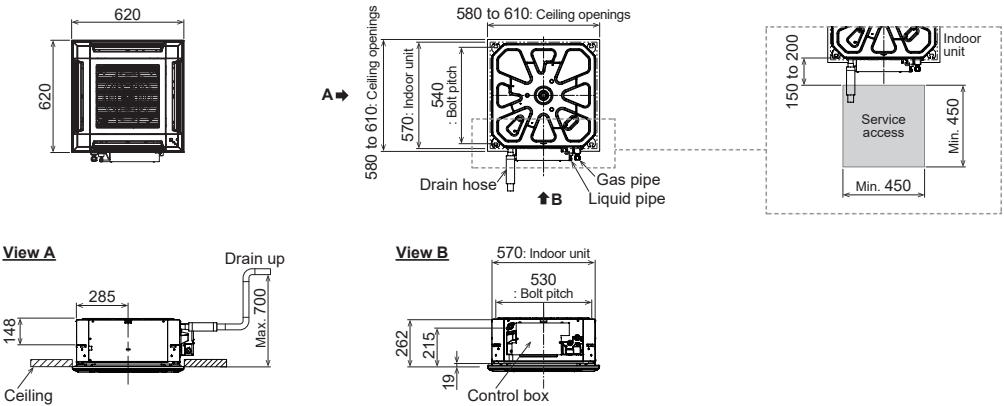
Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector. Countermeasures for issues caused by refrigerant inside the room are possible.*



*It is necessary to connect the required products according to the floor area of the space requirement and the amount of system refrigerant. For details, please refer to the Design and Technical Manual.

Dimensions

(Unit: mm)

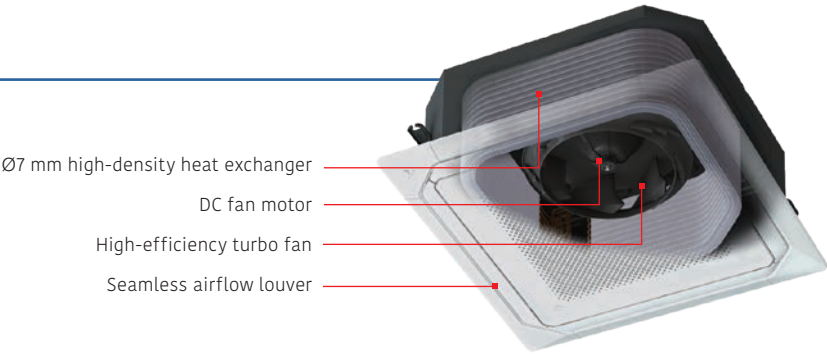


Cassette type
Circular Flow
Slim
(Built-in gas sensor)



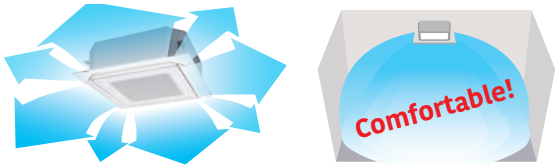
Unique Circular Flow Design

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-RNRGZ6 Wired remote controller with touch panel and UTY-DCGGZ4 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

Safety measures in Case of Refrigerant Leak

Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector. Countermeasures for issues caused by refrigerant inside the room are possible.*



*It is necessary to connect the required products according to the floor area of the space requirement and the amount of system refrigerant. For details, please refer to the Design and Technical Manual.

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-RNRGZ6 Wired remote controller with touch panel and UTY-DCGGZ4 Central remote controller only

Model: AUXM009HLBH / AUXM012HLBH / AUXM014HLBH
AUXM018HLBH / AUXM024HLBH / AUXM030HLBH
AUXN018HLBH
* Production by order



Specifications

Model name			AUXM009HLBH	AUXM012HLBH	AUXM014HLBH	AUXM018HLBH	AUXM024HLBH	AUXM030HLBH	AUXN018HLBH	
Power source			Single phase, 220-240V~, 50Hz							
Capacity	Cooling	kW	2.8	3.6	4.5	5.6	7.1	9.0	5.6	
	Heating		3.2	4.0	5.0	6.3	8.0	10.0	6.3	
Input power		W	18	18	18	19	28	55	55	
Airflow rate	High	m³/h	930	930	930	950	1,160	1,520	1,520	
	Med-High		900	900	900	930	1,080	1,190	1,190	
	Med		870	870	870	900	950	1,100	1,100	
	Med-Low		840	840	840	870	930	950	950	
	Low		810	810	810	840	900	930	930	
	Quiet		780	780	780	810	810	810	810	
Sound pressure level	High	dB(A)	31	31	31	32	35	42	42	
	Med-High		30	30	30	31	34	36	36	
	Med		30	30	30	30	32	34	34	
	Med-Low		29	29	29	29	31	32	32	
	Low		29	29	29	29	30	31	31	
	Quiet		28	28	28	28	28	28	28	
Dimensions (H × W × D)		mm	246 × 840 × 840							
Weight		kg	24.5	24.5	24.5	25.0	25.0	25.0	25.0	
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	9.52	9.52	6.35	
	Gas (Flare)		9.52	12.7	12.7	12.7	15.88	15.88	12.7	
Drain Hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	
Cassette Grille	Model name		UTG-UKGC-W / UTG-UKGA-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]

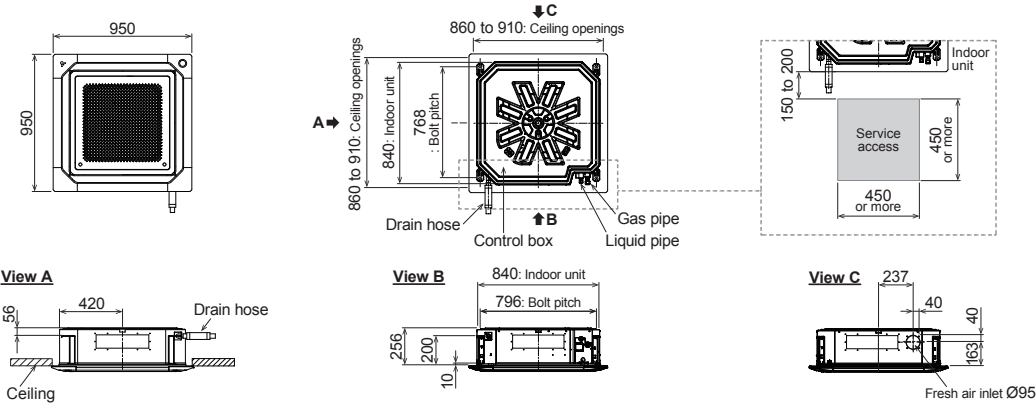
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Occupancy Sensor Kit: UTY-SHZXC	Air Outlet Shutter Plate: UTR-YDZK	Silver Ion Filter: UTD-HFRA
Wide Panel: UTG-AKXA-W	Insulation Kit for high humidity: UTZ-KXRA	Remote Sensor Kit: UTY-XSZX21
Panel Spacer: UTG-BKXA-W	Cassette Grille: UTG-UKGC-W, UTG-UKGA-B	Shut off valve kit: UTP-GX027A / UTP-GX060A / UTP-GX090A
Fresh Air Intake Kit: UTZ-VXRA	External power supply unit: UTZ-GXXD	
Gas Sensor Kit: UTY-SGZH / UTY-SGZH21	Expansion kit: UTZ-JXXA	

Dimensions

(Unit: mm)



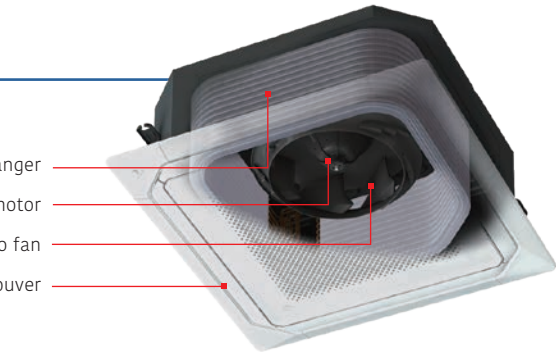
Cassette type
Circular Flow
Large
(Built-in gas sensor)



Unique Circular Flow Design

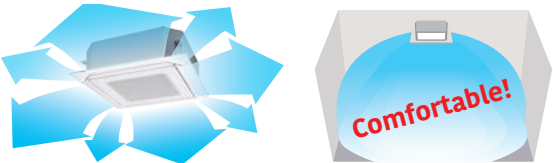
This Cassette type air conditioner is equipped with a high performance DC fan motor, a turbo fan, and a louver to propel powerful airflows in all directions.

- 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-RNRGZ6 Wired remote controller with touch panel and UTY-DCGGZ4 Central remote controller only



Safety measures in Case of Refrigerant Leak

Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector. Countermeasures for issues caused by refrigerant inside the room are possible.*



*It is necessary to connect the required products according to the floor area of the space requirement and the amount of system refrigerant. For details, please refer to the Design and Technical Manual.

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-RNRGZ6 Wired remote controller with touch panel and UTY-DCGGZ4 Central remote controller only

Model: AUXK018HLBH / AUXK024HLBH / AUXK030HLBH
AUXK034HLBH / AUXK036HLBH / AUXK045HLBH
AUXK054HLBH



Specifications

Model name			AUXK018HLBH	AUXK024HLBH	AUXK030HLBH	AUXK034HLBH	AUXK036HLBH	AUXK045HLBH	AUXK054HLBH
Power source			Single phase, 220-240V~, 50Hz						
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	52	52	66	94	125
Airflow rate	High	m³/h	1,420	1,420	1,460	1,460	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	36	36	36	36	36
	Quiet		33	33	33	33	33	33	33
Dimensions (H × W × D)		mm	288×840×840						
Weight		kg	27.0	27.0	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)		12.7	15.88	15.88	15.88	15.88	15.88	15.88
Drain Hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32
Cassette Grille	Model name		UTG-UKGC-W / UTG-UKGA-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]

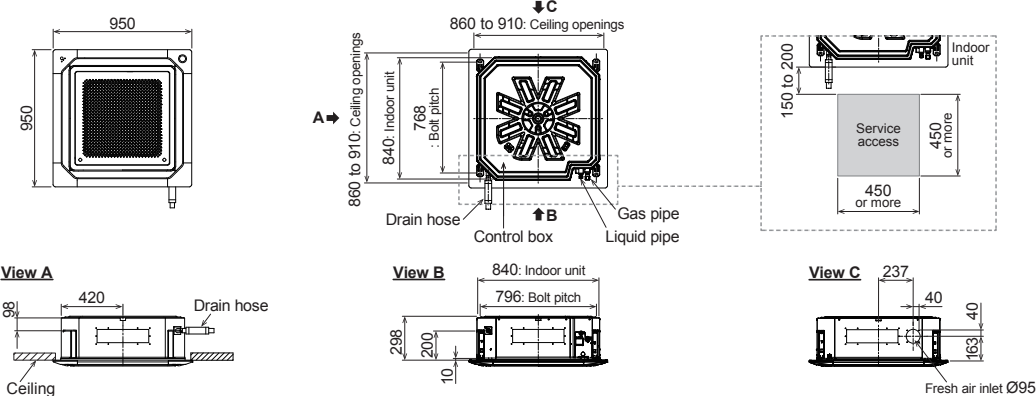
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Occupancy Sensor Kit: UTY-SHZXC	Air Outlet Shutter Plate: UTR-YDZK	Silver Ion Filter: UTD-HFRA
Wide Panel: UTG-AKXA-W	Insulation Kit for high humidity: UTZ-KXRA	Remote Sensor Kit: UTY-XSZX21
Panel Spacer: UTG-BKXA-W	Cassette Grille: UTG-UKGC-W, UTG-UKGA-B	Shut off valve kit: UTP-GX027A / UTP-GX060A / UTP-GX090A
Fresh Air Intake Kit: UTZ-VXRA	External power supply unit: UTZ-GXXD	
Gas Sensor Kit: UTY-SGZH / UTY-SGZH21	Expansion kit: UTZ-JXXA	

Dimensions

(Unit: mm)

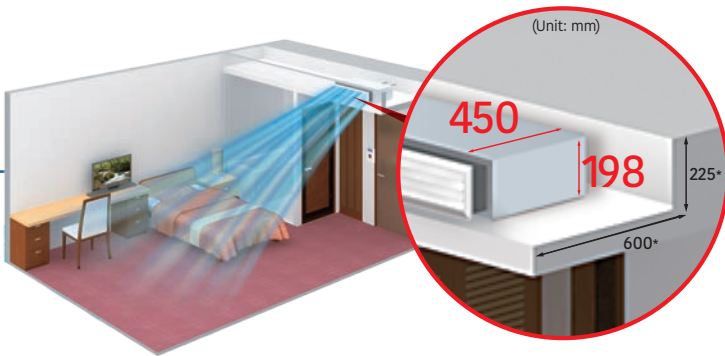


Duct type
Low static pressure
Mini duct
(Built-in gas sensor)



Space Saving Design

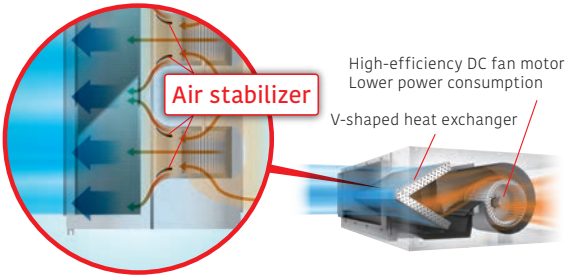
- Fits into a space 198 mm high and 450 mm deep



*(Unit: mm)
*: Minimum clearance requirement

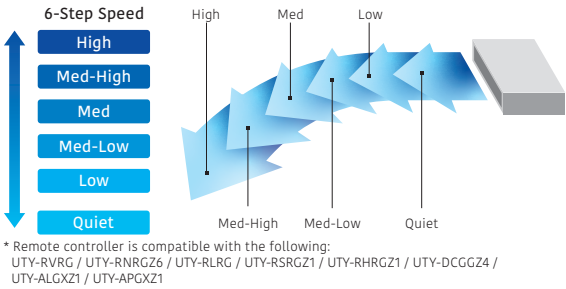
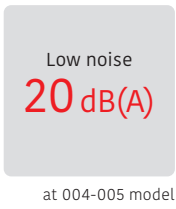
Optimum Airflow Path and Low Noise Operation

The stabilized airflow reduces the noise level significantly.



6-Speed Control*

Multistep airflow adjustment allows installation in a quiet location.



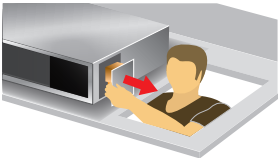
Safety measures in Case of Refrigerant Leak

Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector. Countermeasures for issues caused by refrigerant inside the room are possible.*

*It is necessary to connect the required products according to the floor area of the space requirement and the amount of system refrigerant. For details, please refer to the Design and Technical Manual.

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: ARXK004HLBH / ARXK005HLBH / ARXK007HLBH
ARXK009HLBH / ARXK012HLBH / ARXK014HLBH
ARXK018HLBH / ARXK024HLBH



Specifications

Model name			ARXK004HLBH	ARXK005HLBH	ARXK007HLBH	ARXK009HLBH	ARXK012HLBH	ARXK014HLBH	ARXK018HLBH	ARXK024HLBH
Power source			Single phase, 220-240V~, 50Hz							
Capacity	Cooling	kW	1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.3	1.9	2.8	3.2	4.0	5.0	6.3	8.0
Input power		W	26	26	28	33	46	49	98	102
Airflow rate	High	m³/h	460	460	460	540	640	820	1,150	1,350
	Med-High		440	440	440	490	590	750	990	1,200
	Med		420	420	420	450	530	680	840	1,050
	Med-Low		400	400	400	410	470	610	690	900
	Low		370	370	370	370	410	540	590	750
	Quiet		340	340	340	340	340	470	470	610
Static pressure range		Pa	0 to 30	0 to 30	0 to 30	0 to 30	0 to 30	0 to 50	0 to 50	0 to 50
Standard static pressure			Pa	10	10	10	10	15	15	15
Sound pressure level	High	dB(A)	25	25	26	26	29	29	35	35
	Med-High		24	24	25	25	27	27	30	30
	Med		23	23	24	24	26	26	28	28
	Med-Low		22	22	23	23	25	25	26	27
	Low		21	21	22	22	24	24	24	25
	Quiet		20	20	21	21	22	22	22	22
Net Dimensions (H × W × D)		mm	198×700×450					198×900×450		198×1,100×450
Weight		kg	14.5	14.5	15.5	15.5	16.0	19.0	19.0	22.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		9.52	9.52	9.52	9.52	12.7	12.7	12.7	15.88
Drain Hose Diameter (I.D./O.D.)				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]

Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Remote sensor unit:	UTY-XSZXZ1	Auto Louver Grille Kit:	UTD-GXTA-W (004-012)
Silver Ion Filter:	UTD-HFTA (004-012)		UTD-GXTB-W (014/018)
	UTD-HFTB (014/018)		UTD-GXTC-W (024)
	UTD-HFTC (024)	Gas Sensor Kit:	UTY-SGZH,
External power supply unit:	UTZ-GXDX		UTY-SGZH21
Shut off valve kit:	UTP-GX027A /	Expansion kit:	UTZ-JXXA
	UTP-GX060A /		
	UTP-GX090A		

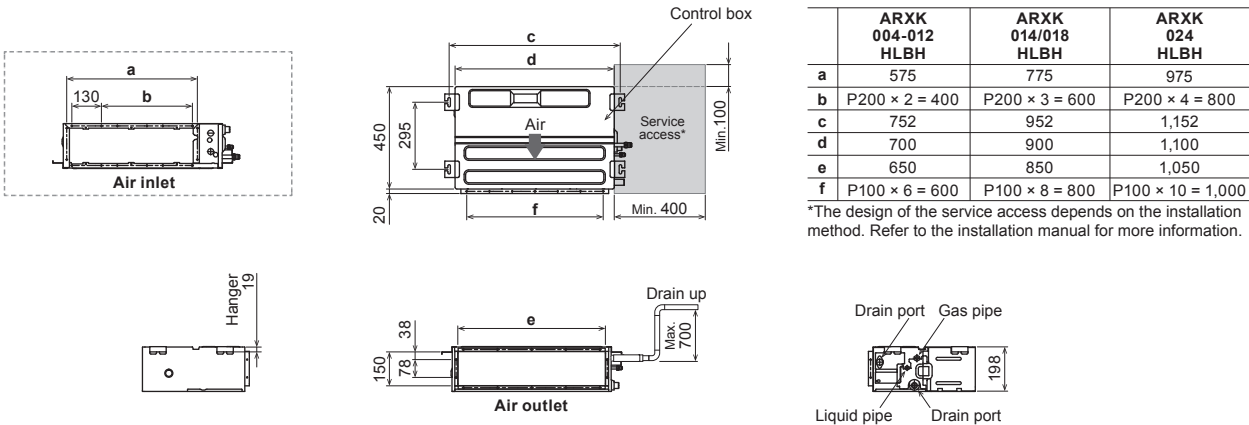
Auto Louver Grille Kit (Optional)

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)



Duct type
Low static pressure
Slim duct
(Built-in gas sensor)



Model: ARXD004HLBH / ARXD005HLBH / ARXD007HLBH / ARXD009HLBH
ARXD012HLBH / ARXD014HLBH / ARXD018HLBH / ARXD024HLBH
ARXP009HLAH / ARXP012HLAH / ARXP014HLAH
* Production by order. This product does not include a gas sensor.



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



ARXD018HLBH



ARXD024HLBH

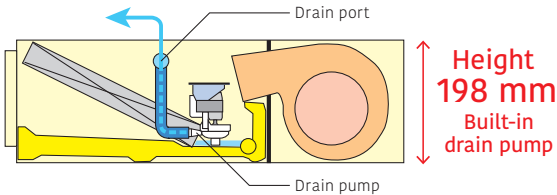
Specifications

Model name			ARXD 004HLBH	ARXD 005HLBH	ARXD 007HLBH	ARXD 009HLBH	ARXD 012HLBH	ARXD 014HLBH	ARXD 018HLBH	ARXD 024HLBH	ARXP 009HLAH	ARXP 012HLAH	ARXP 014HLAH
Power source			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		
Weight		kg	16.0	16.0	16.5	16.5	17.0	17.0	21.0	25.0	16.5	17.0	17.0
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	12.7	12.7	12.7	15.88	9.52	12.7	12.7
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]

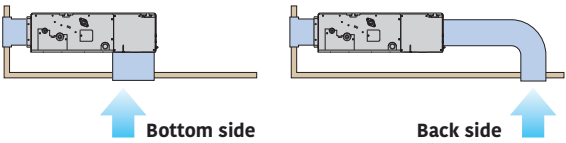
Slim Design

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

* ARXD004-018

Safety measures in Case of Refrigerant Leak

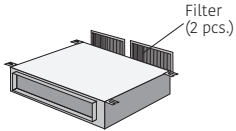
Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector.
Countermeasures for issues caused by refrigerant inside the room are possible.*



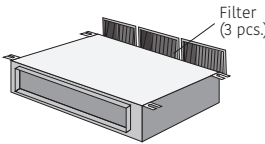
*It is necessary to connect the required products according to the floor area of the space requirement and the amount of system refrigerant. For details, please refer to the Design and Technical Manual.

Filter (Accessory)

ARXD004-018
ARXP009-014



ARXD024



Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Remote sensor unit:	UTY-XSZXZ1	Auto Louver Grille Kit:	UTD-GXTA-W (004-014)
IR receiver unit:	UTY-TRHX		UTD-GXTB-W (018)
External power supply unit:	UTZ-GXXD		UTD-GXTC-W (024)
Shut off valve kit:	UTP-GX027A / UTP-GX060A / UTP-GX090A	Silver Ion Filter:	UTD-HFTA (004-014) UTD-HFTB (018) UTD-HFTC (024)
Expansion Kit:	UTZ-JXXA	Gas Sensor Kit:	UTY-SGZH / UTY-SGZH21

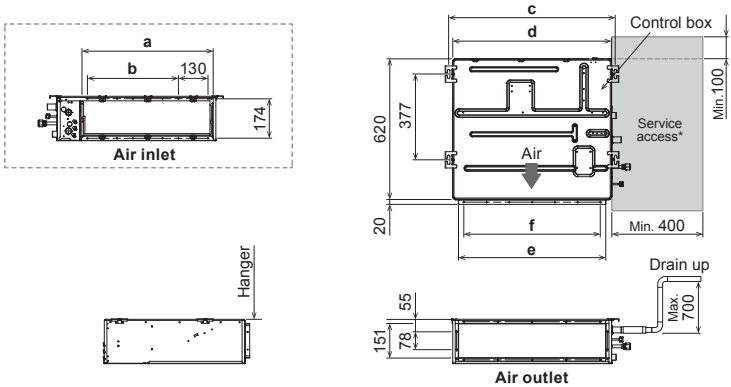
Auto Louver Grille Kit (Optional)

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



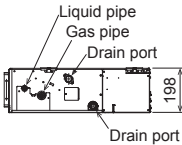
Dimensions

(Unit: mm)



	ARXD004-014HLBH ARXP009-014HLAH	ARXD018HLBH	ARXD024HLBH
a	574	774	974
b	P200×2=400	P200×3=600	P200×4=800
c	734	934	1,134
d	700	900	1,100
e	650	850	1,050
f	P100×6=600	P100×8=800	P100×10=1,000

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

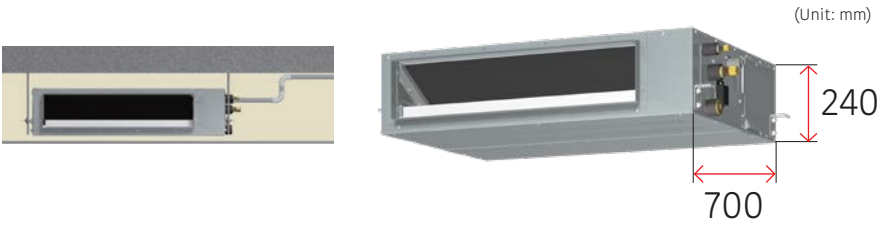


Duct type
Medium static pressure
High Efficiency
(Built-in gas sensor)



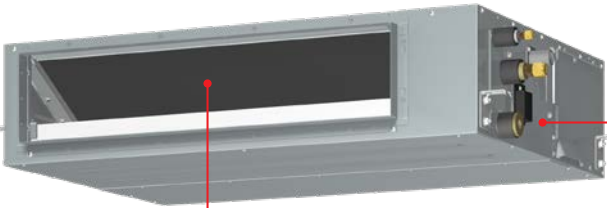
Slim & Compact Design

The product has reduced the height to 240 mm, making it more compact. The slim design fits nicely into narrow spaces under the ceiling.



Easy Maintenance

The indoor unit have large panels on both sides providing easy maintenance in narrow spaces.



Easy inspection of drain hose
A drain hose is an accessory, making it easy to design ditch even in narrow spaces under the ceiling. The whole drain hose can be removed for easy replacement and cleaning.



Easy cleaning of the heat exchanger

Safety measures in Case of Refrigerant Leak

Indoor units compatible with R32 refrigerant are equipped with a refrigerant leak detector. Countermeasures for issues caused by refrigerant inside the room are possible.*



*It is necessary to connect the required products according to the floor area of the space requirement and the amount of system refrigerant. For details, please refer to the Design and Technical Manual.

Wide Range of Static Pressures

Static pressures can be changed in the range of 30 to 150 Pa.

Static pressure range
30 to 150 Pa
*ARXL only

**Model: ARXL007HTBH / ARXL009HTBH / ARXL012HTBH / ARXL014HTBH / ARXL018HTBH
ARXL024HTBH / ARXL030HTBH / ARXL036HTBH / ARXL045HTBH
ARXP018HTBH / ARXP030HTBH**
* Production by order



Specifications

Model name			ARXL 007HTBH	ARXL 009HTBH	ARXL 012HTBH	ARXL 014HTBH	ARXL 018HTBH	ARXL 024HTBH	ARXL 030HTBH	ARXL 036HTBH	ARXL 045HTBH	ARXP 018HTBH	ARXP 030HTBH
Power source			Single phase, 220-240V~, 50Hz										
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	12.5	5.6	9.0
	Heating		2.8	3.2	4.0	5.0	6.3	8.0	10.0	12.5	14.0	6.3	10.0
Input power		W	48	48	55	72	112	105	193	192	272	100	210
Airflow rate	High	m³/h	650	650	700	800	970	1,230	1,630	2,070	2,360	1,540	2,160
	Med-High		590	590	630	720	880	1,140	1,460	1,920	2,160	1,500	1,990
	Med		540	540	570	660	780	1,040	1,280	1,760	1,940	1,440	1,810
	Med-Low		490	490	510	600	680	940	1,100	1,600	1,720	1,380	1,630
	Low		440	440	450	540	580	840	920	1,440	1,500	1,320	1,450
	Quiet		390	390	390	480	480	740	860	1,280	1,390	1,280	1,280
Static pressure range		Pa	30 to 150	30 to 150	30 to 150	30 to 150	30 to 150	30 to 150	30 to 150	30 to 150	30 to 150	30 to 40	30 to 50
Standard static pressure			40	40	40	40	40	50	50	50	60	40	50
Sound pressure level	High	dB(A)	29	29	30	33	36	34	39	38	41	33	39
	Med-High		27	27	28	30	34	32	37	36	39	32	37
	Med		25	25	26	28	31	30	33	34	37	31	35
	Med-Low		23	23	24	26	28	28	30	32	34	30	32
	Low		22	22	22	24	25	26	26	30	31	29	30
	Quiet		20	20	20	23	22	23	25	28	29	28	27
Net Dimensions (H × W × D)		mm	240×700×700					240×1,000×700		240×1,400×700			
Weight		kg	24.5	24.5	24.5	25.0	25.0	32.0	32.0	42.5	42.5	42.5	42.5
Connection pipe diameter	Liquid (Flare)	mm	6.35	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	6.35	9.52
	Gas (Flare)		9.52	9.52	12.7	12.7	12.7	15.88	15.88	15.88	15.88	12.7	15.88
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]

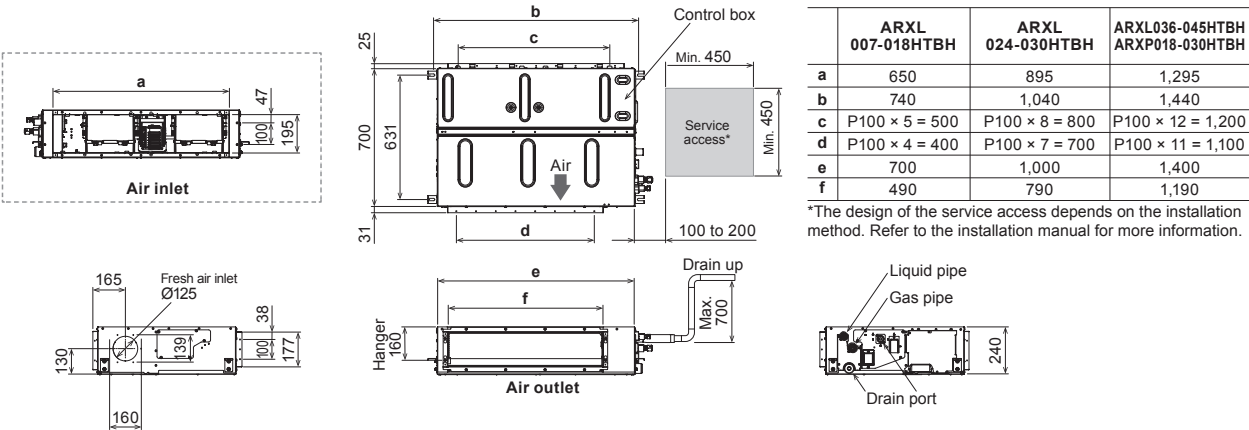
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Remote sensor unit:	UTY-XSZXZ1	Silver Ion Filter:	UTD-HFNC (ARXL007-018)	Long Life Filter:	UTD-LFDC (ARXL007-018)
External power supply unit:	UTZ-GXXD		UTD-HFNB (ARXL024/030),		UTD-LFDB (ARXL024/030),
Gas Sensor Kit:	UTY-SGZH		UTD-HFNA (ARXL036/045, ARXP018/030)		UTD-LFDA (ARXL036/045, ARXP018/030)
	UTY-SGZHZ1	Expansion kit:	UTZ-JXXA		Shut off valve kit: UTP-GX027A / UTP-GX060A / UTP-GX090A

Dimensions

(Unit: mm)



Wall-mounted type
EEV internal / EEV external



Model: [EEV Internal]
ASHA004HCAH / ASHA005HCAH / ASHA007HCAH
ASHA009HCAH / ASHA012HCAH / ASHA014HCAH

[EEV External]
ASHE004HCAH / ASHE005HCAH / ASHE007HCAH
ASHE009HCAH / ASHE012HCAH / ASHE014HCAH



Specifications

Model name			ASHA004HCAH	ASHA005HCAH	ASHA007HCAH	ASHA009HCAH	ASHA012HCAH	ASHA014HCAH	ASHE004HCAH	ASHE005HCAH	ASHE007HCAH	ASHE009HCAH	ASHE012HCAH	ASHE014HCAH
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 to 16.7						13.8/15.8 to 16.7					
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]

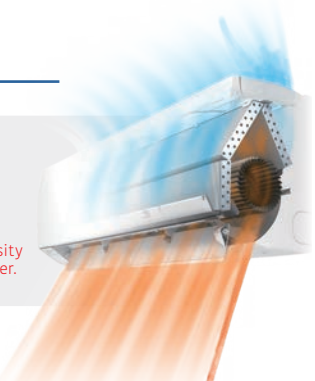
Highly-Efficiency, Compact Design

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.

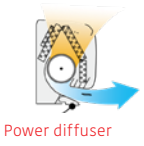
Heating

The vertical airflow provides powerful floor-level heating.



Cooling

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

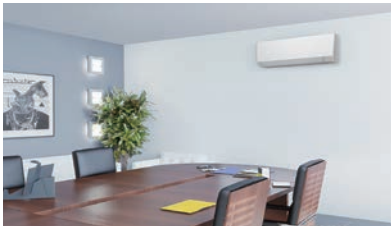


Quiet Operation & 6-Step Fan Speed Control

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

Quiet mode
22 dB(A)

- 6-Step Speed
- High
 - Med-High
 - Med
 - Med-Low
 - Low
 - Quiet

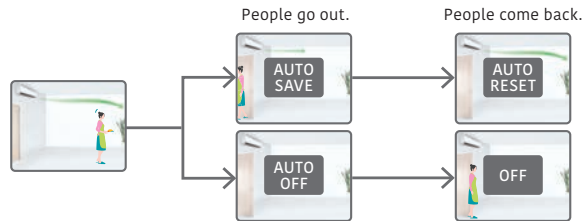


* Remote controller is compatible with the following:
UTY-RVRG / UTY-LNVG / UTY-RNRGZ6 / UTY-RLRG / UTY-RSRGZ1 / UTY-RHRGZ1 / UTY-DCGGZ4 / UTY-ALGXZ1 / UTY-APGXZ1

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).



Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

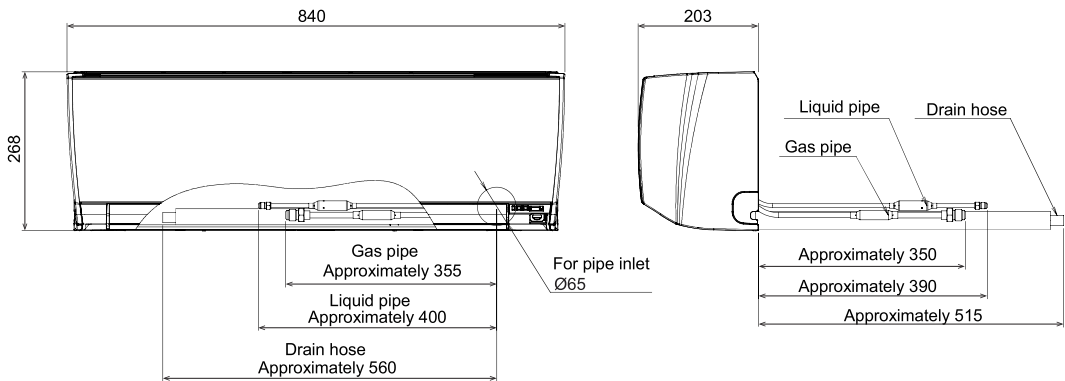
Silver Ion Filter: UTR-FA16-5
External power supply unit: UTY-GXXD

Expansion Kit: UTY-JXXA
Remote Sensor Kit: UTY-XSXXZ1

Gas Sensor Kit: UTY-SGZH / UTY-SGZHZ1
Shut off valve kit: UTP-GX027A / UTP-GX060A / UTP-GX090A

Dimensions

(Unit: mm)





VRF R410A OUTDOOR UNITS

The R410A VRF outdoor units feature a lineup of 5 types and 80 models to meet all architectural design requirements.

We offer a wide range of outdoor units suitable for every application, from small-scale properties like apartments to large-scale commercial facilities and buildings.

V-068 VRF R410A Outdoor Units Lineup for J-IVS, J-IV, J-IVL, VR-IV, V-IV

V-070 VRF J-IVS

V-074 VRF J-IV

V-078 VRF J-IVL

V-084 VRF VR-IV

V-094 VRF V-IV



VRF R410A Outdoor Units Lineup
for J-IVS J-IV J-IVL VR-IV V-IV

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-IVS series Heat Pump			 AJH040 LCLDH	 AJH045 LCLDH	 AJH054 LCLDH																					
J-IV series Heat Pump			 AJH040 LBLDH, AJH040 LELDH	 AJH045 LBLDH, AJH045 LELDH	 AJH054 LBLDH, AJH054 LELDH																					
J-IVL series Heat Pump						 AJH072 LELDH	 AJH090 LELDH	 AJH108 LELDH	 AJH126 LELDH	 AJH144 LELDH	 AJH162 LELDH															
VR-IV series Heat Recovery	Space Saving					 AJH072 GALDH	 AJH090 GALDH	 AJH108 GALDH	 AJH126 GALDH	 AJH144 GALDH	 AJH162 GALDH	 AJH180 GALDH	 AJH198 GALDH	 AJH216 GALDH	 AJH234 GALDH	 AJH252 GALDH	 AJH270 GALDH	 AJH288 GALDH	 AJH306 GALDH	 AJH324 GALDH	 AJH342 GALDH	 AJH360 GALDH	 AJH378 GALDH	 AJH396 GALDH	 AJH414 GALDH	 AJH432 GALDH
	Set Model																									
	Energy Efficiency									 AJH144 GALDHH			 AJH198 GALDHH	 AJH216 GALDHH	 AJH234 GALDHH	 AJH252 GALDHH	 AJH270 GALDHH	 AJH288 GALDHH	 AJH306 GALDHH	 AJH324 GALDHH	 AJH342 GALDHH	 AJH360 GALDHH	 AJH378 GALDHH	 AJH396 GALDHH		
	Set Model																									
V-IV series Heat Pump	Space Saving					 AJH072 LALDH	 AJH090 LALDH	 AJH108 LALDH	 AJH126 LALDH	 AJH144 LALDH	 AJH162 LALDH	 AJH180 LALDH	 AJH198 LALDH	 AJH216 LALDH	 AJH234 LALDH	 AJH252 LALDH	 AJH270 LALDH	 AJH288 LALDH	 AJH306 LALDH	 AJH324 LALDH	 AJH342 LALDH	 AJH360 LALDH	 AJH378 LALDH	 AJH396 LALDH	 AJH414 LALDH	 AJH432 LALDH
	Set Model																									
	Energy Efficiency									 AJH144 LALDHH		 AJH180 LALDHH	 AJH216 LALDHH	 AJH234 LALDHH	 AJH252 LALDHH	 AJH270 LALDHH	 AJH288 LALDHH	 AJH306 LALDHH	 AJH324 LALDHH	 AJH342 LALDHH	 AJH360 LALDHH	 AJH378 LALDHH	 AJH396 LALDHH			
	Set Model																									



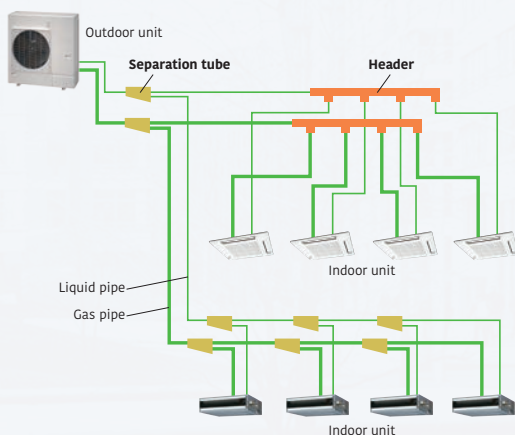
Heat Pump

for Small-capacity type

VRF J-IVS

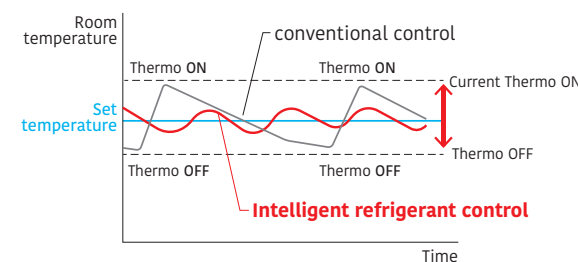
System configuration example

- 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.

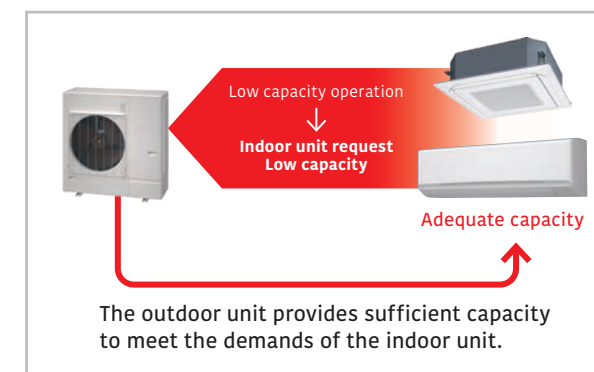


Intelligent Refrigerant Control

The Intelligent refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The Intelligent 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.



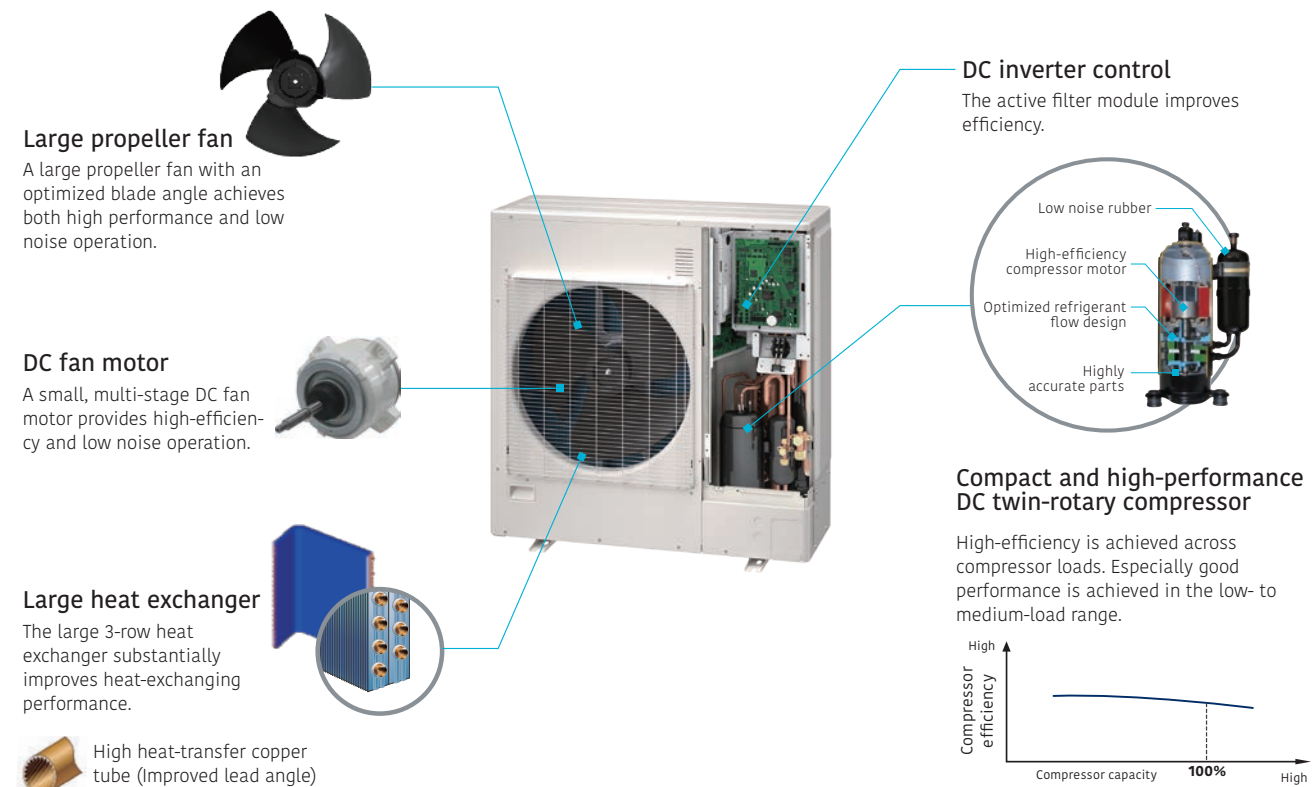
* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

External Static Pressure

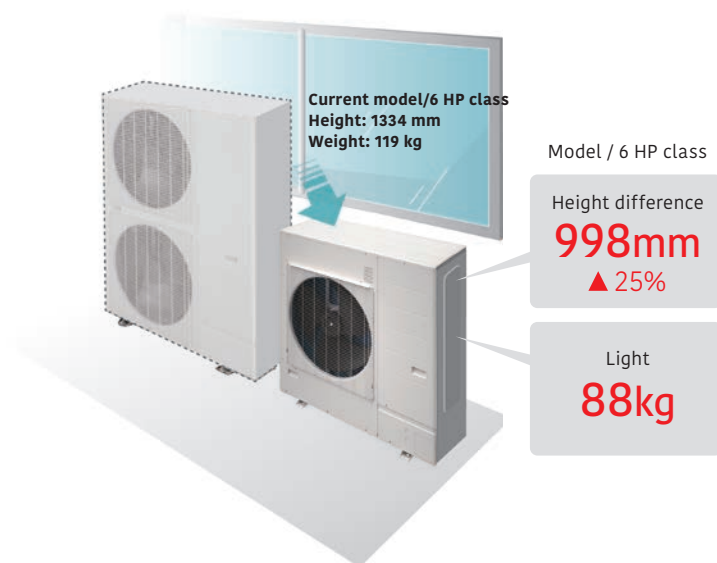
External static pressure measures up to 25 Pa for 4/5/6 HP models.



Advanced High-Efficiency Technology

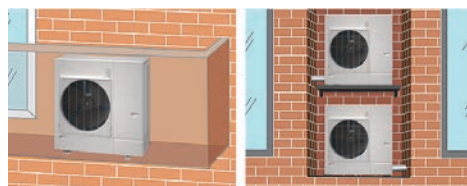


Easy to Carry, Easy to Install



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.

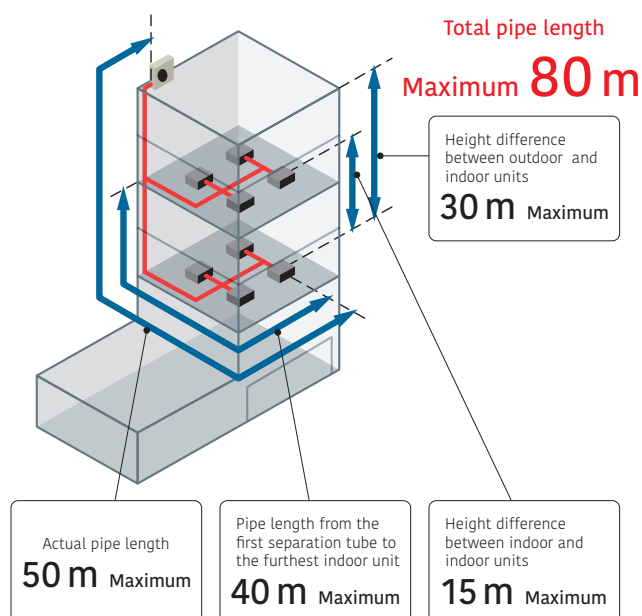


Low Noise Design

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

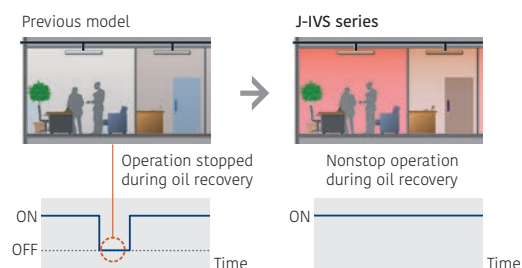
The combination of smaller but sufficiently powerful indoor units and a outdoor unit with an optimized heat exchanging structure makes it possible to connect up to 13 indoor units, which is the best in its class.

*: 6 HP model

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

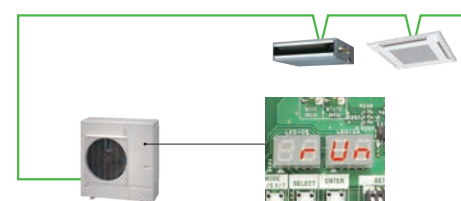
Non-Stop Oil Recovery Operation

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: AJH040LCLDH / AJH045LCLDH / AJH054LCLDH



Specifications

Rated capacity range		HP	4	5	6
Model name			AJH040LCLDH	AJH045LCLDH	AJH054LCLDH
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 _C	Cooling	%	230.2	220.2	215.8
η _h	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.

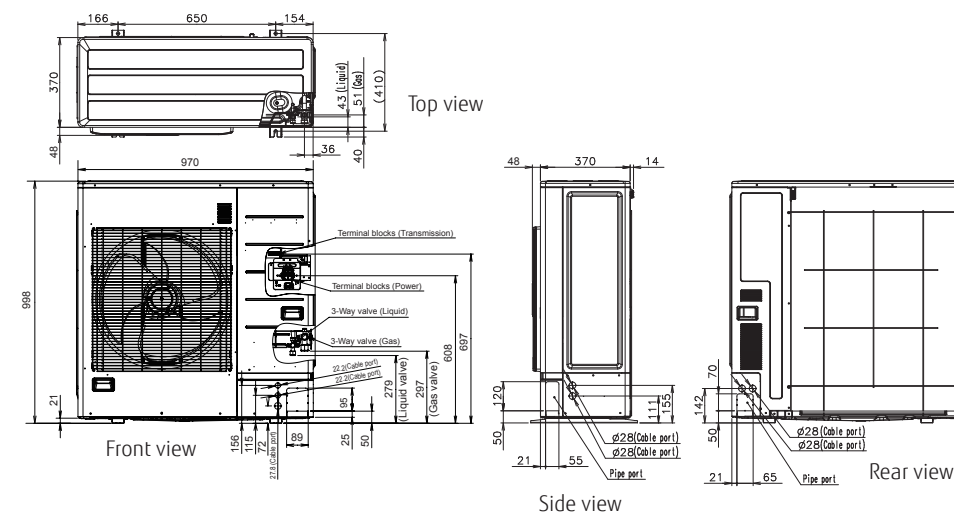
Heating: Indoor temperature of 20°CDB/(15°CWB), and outdoor temperature of 7°CDB/6°CWB.

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)



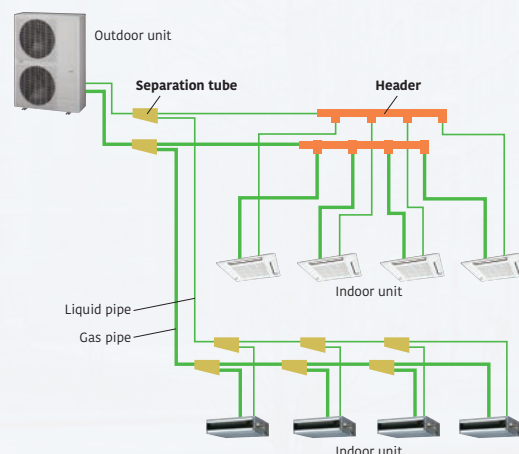


Heat Pump for Small-capacity type

VRF J-IV

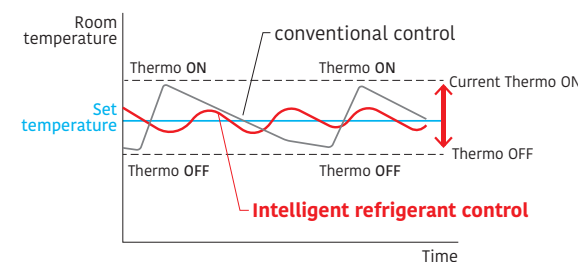
System configuration example

- 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.

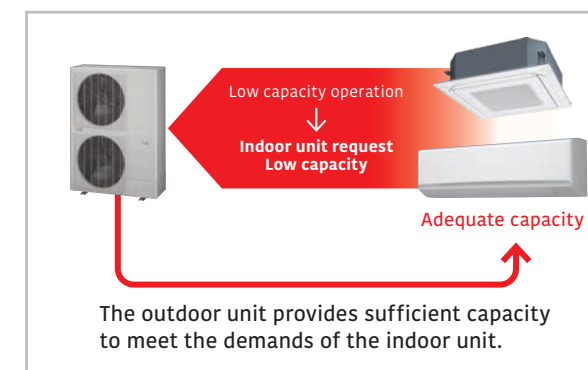


Intelligent Refrigerant Control

The Intelligent refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The Intelligent 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.



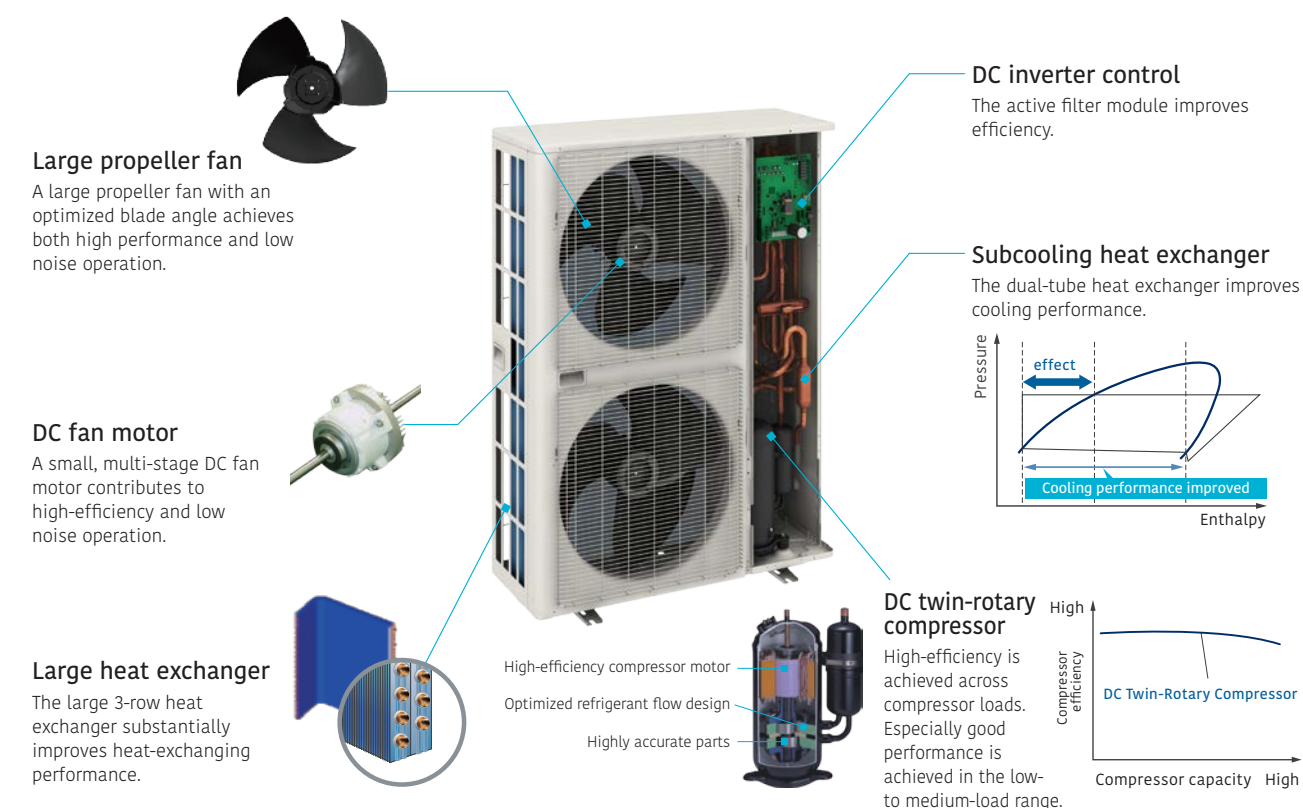
* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

External Static Pressure

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



Advanced High-Efficiency Technology





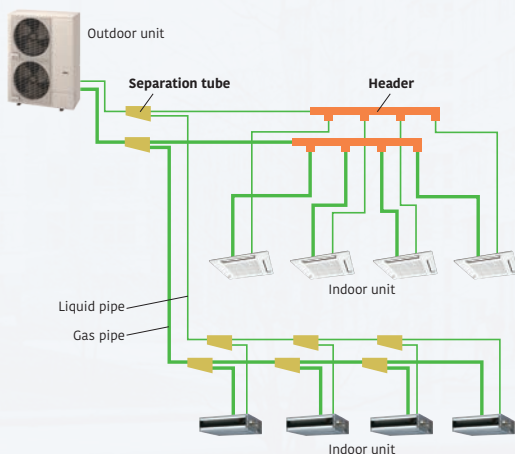
Heat Pump

for Small-capacity type

VRF J-IVL

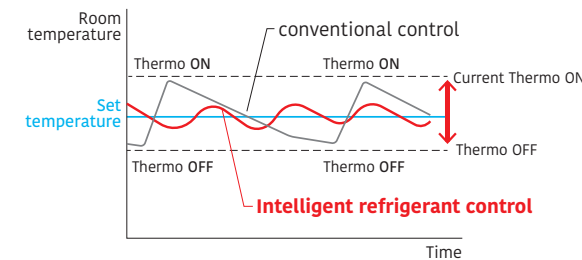
System configuration example

- 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.

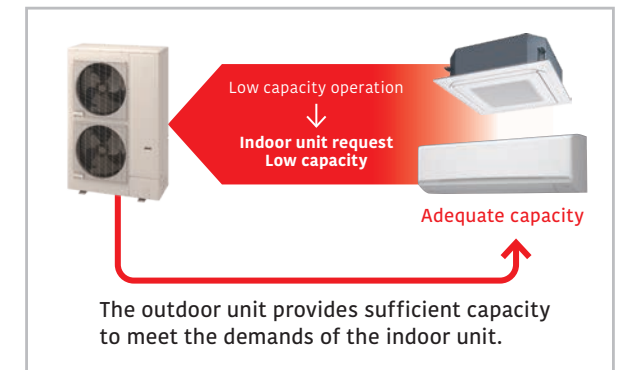


Intelligent Refrigerant Control

The Intelligent refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The Intelligent 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

Ø570 mm

Large propeller fan

A large-diameter propeller fan with our proprietary blade design reduces draft loss, which results in high-efficiency and low noise operation.

DC fan motor

A small, multi-stage DC fan motor provides high-efficiency and low noise operation.

Large heat exchanger

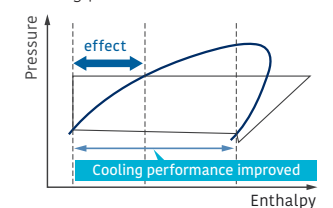
The large 2.6-row heat exchanger substantially improves heat-exchanging performance.

DC inverter control

The active filter module improves efficiency.

Subcooling heat exchanger

The dual-tube heat exchanger improves cooling performance.



Scroll compressor

The combination of a scroll compressor with a wide rotational frequency range from 15 to 130 rps and our proprietary sensorless sine-wave control that smoothly controls the input power into the motor achieves more energy-efficient and quieter operation.

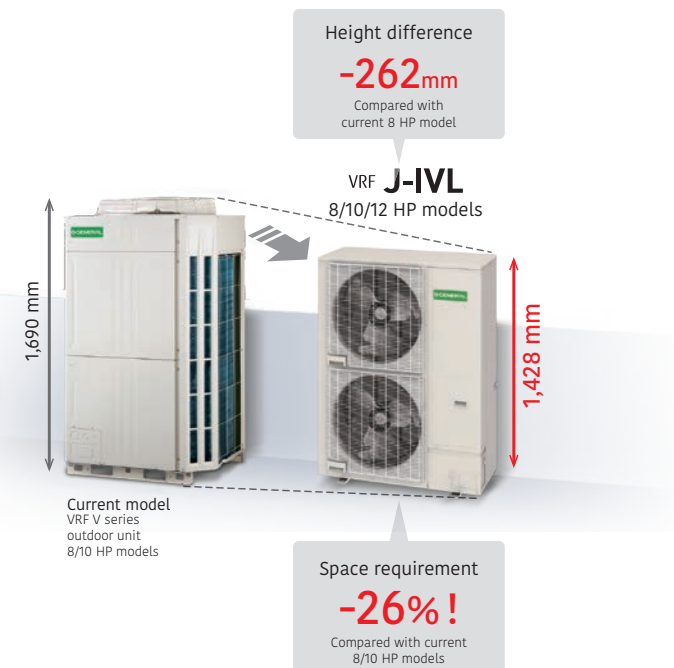
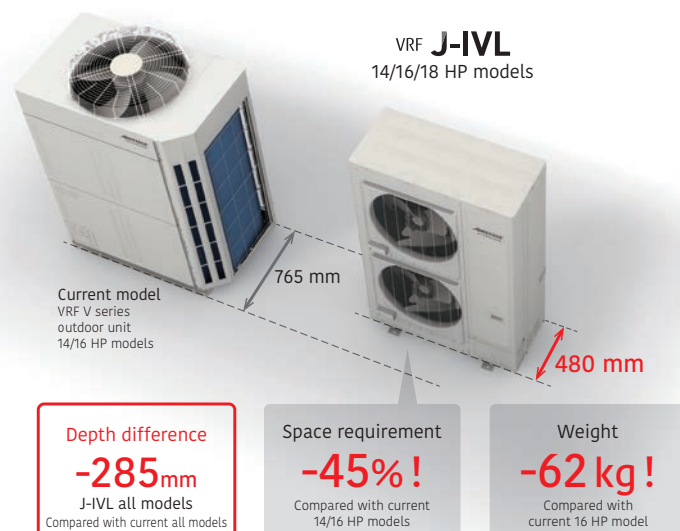
15 to 130 rps

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.

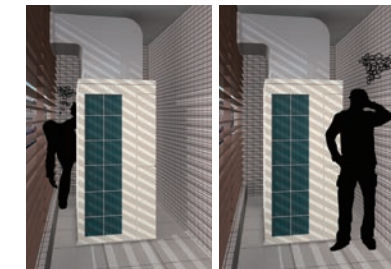
VRF J-IVL

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

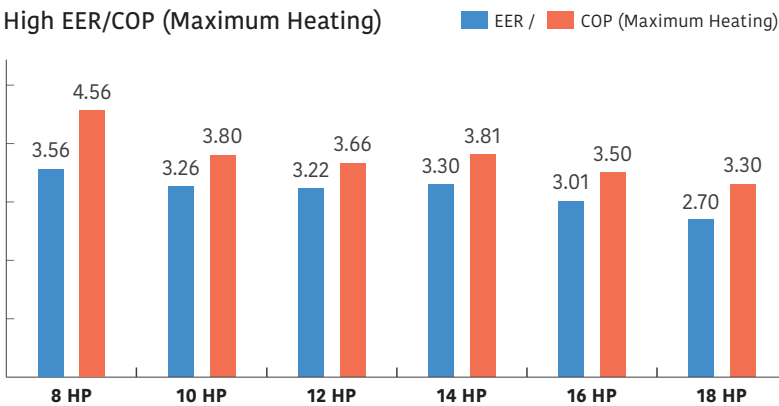
Installation on the back street of a building

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

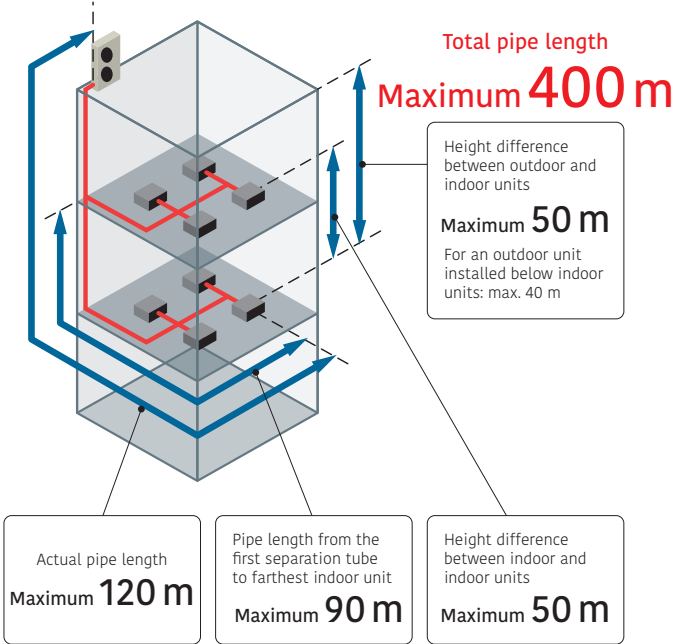
The use of a large heat exchanger and a high-efficiency Scroll compressor achieves class-leading EER/COP (Max. Heating) in all models.



* 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.

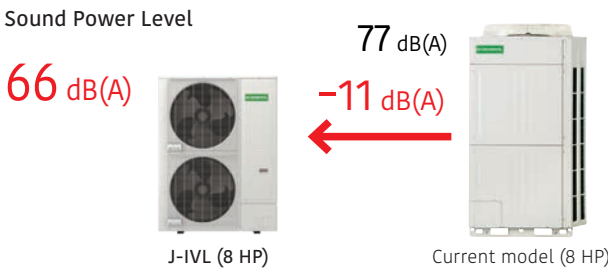
The combination of smaller but sufficiently powerful indoor units and a outdoor unit with an optimized heat exchanging structure makes it possible to connect up to 42 indoor units, which is the best in its class.

*: 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: AJH072LELDH / AJH090LELDH / AJH108LELDH
14,16,18 HP: AJH126LELDH / AJH144LELDH / AJH162LELDH



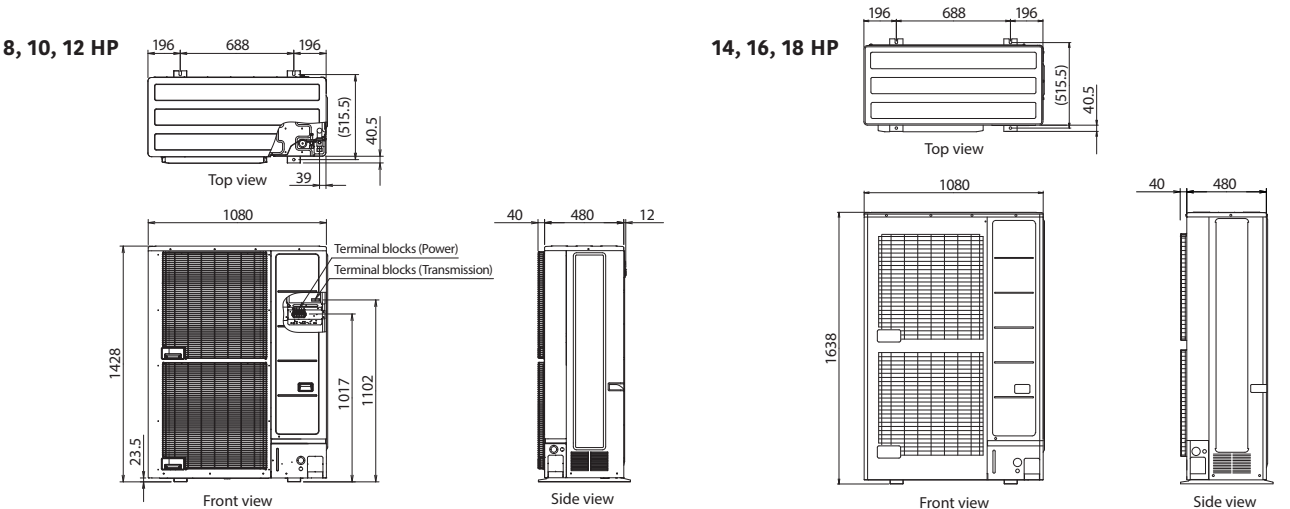
Specifications

Rated capacity range		HP	8	10	12	14	16	18
Model name			AJH072LELDH	AJH090LELDH	AJH108LELDH	AJH126LELDH	AJH144LELDH	AJH162LELDH
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	℃	-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)





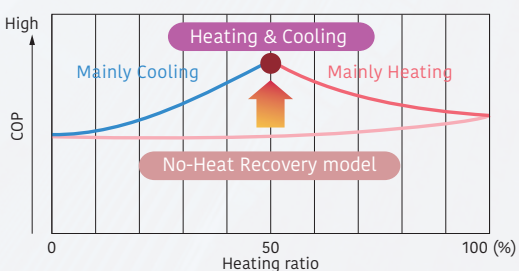
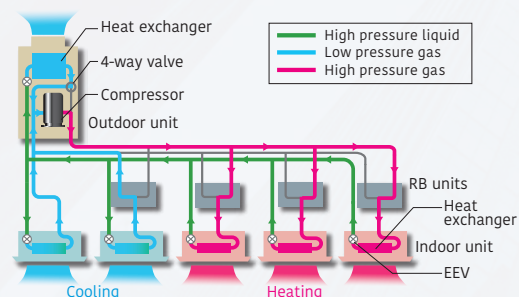
Heat Recovery

Modular type

VRF VR-IV

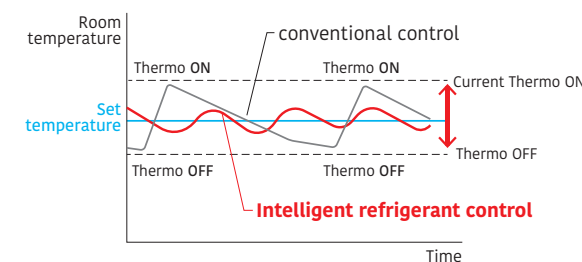
Highly energy-efficient operation

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.

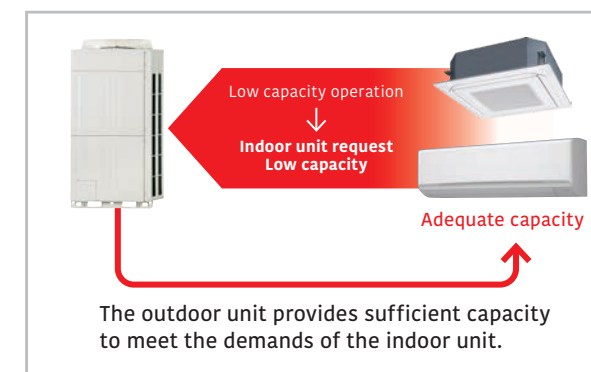


Intelligent Refrigerant Control

The Intelligent refrigerant control operates with suitable control corresponding to the heat load of the room and offers a more comfortable environment. The Intelligent 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)

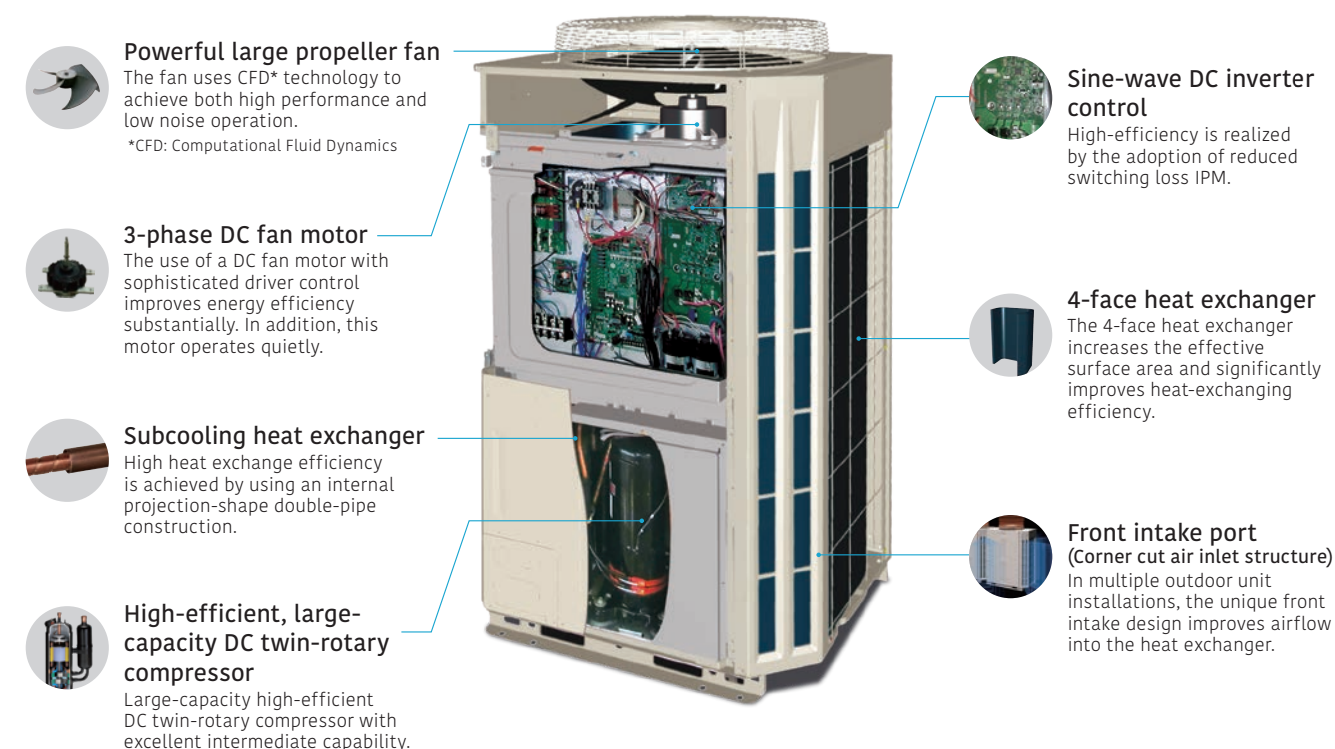
Increased number of connectable indoor units and space saving combinations

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
-----------------------	----	----	----	----	----	-----	----	----	----	-----	----

The Energy-Saving Technology that Boosted Operation Efficiency



Extended Connection Ratio (Applicable to Multiple Tenants)

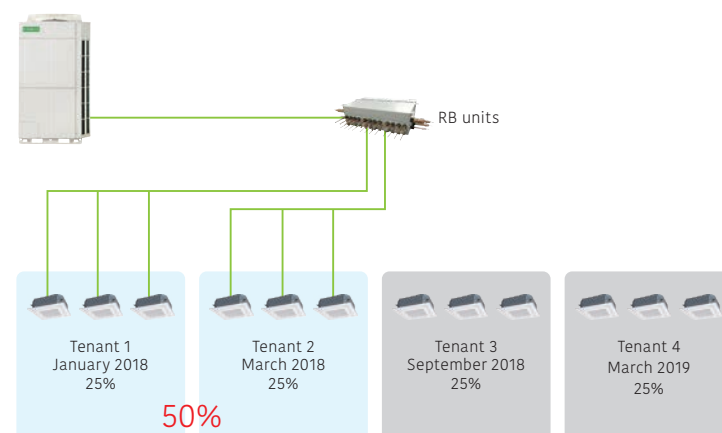
Especially useful when starting partial air conditioning in a building under construction. Installation can be added flexibly for each tenant.



Stand-Alone

Current model (VR-II)

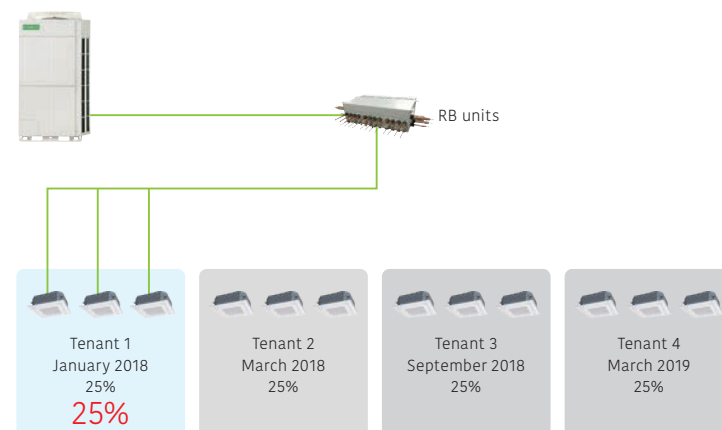
Example) 50% of 12HP minimum connected indoor unit capacity is required



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

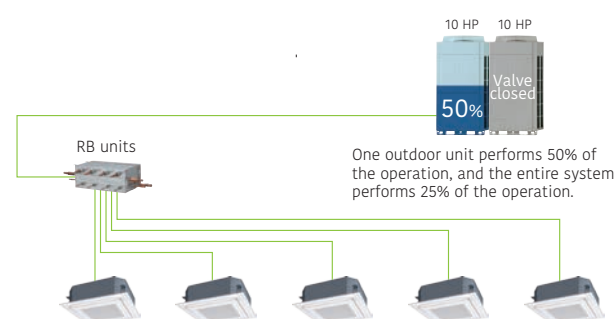


Installation and commissioning can be added flexibly to meet the opening dates of other tenants.

Modular Type

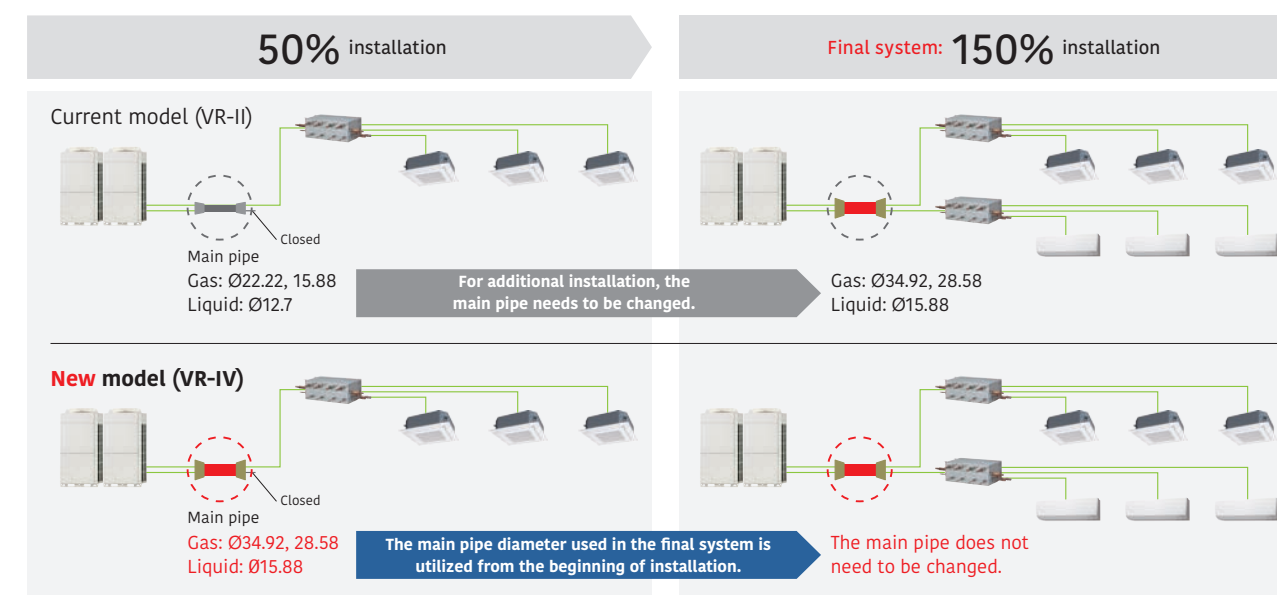
One outdoor unit operates effectively for the capacities of connectable indoor units in the entire system. (Each of the multiple outdoor units does not dare to operate at 25% capacity: any one of the outdoor units will operate at 50% and the remaining units will each output 0%, i.e., stop operating.)

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

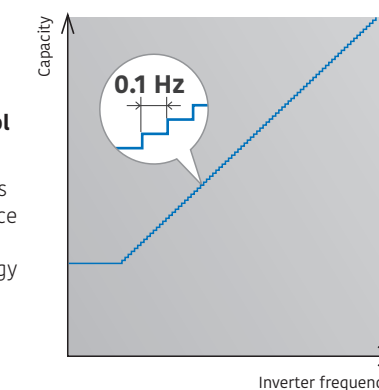
Large-capacity DC inverter compressor

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



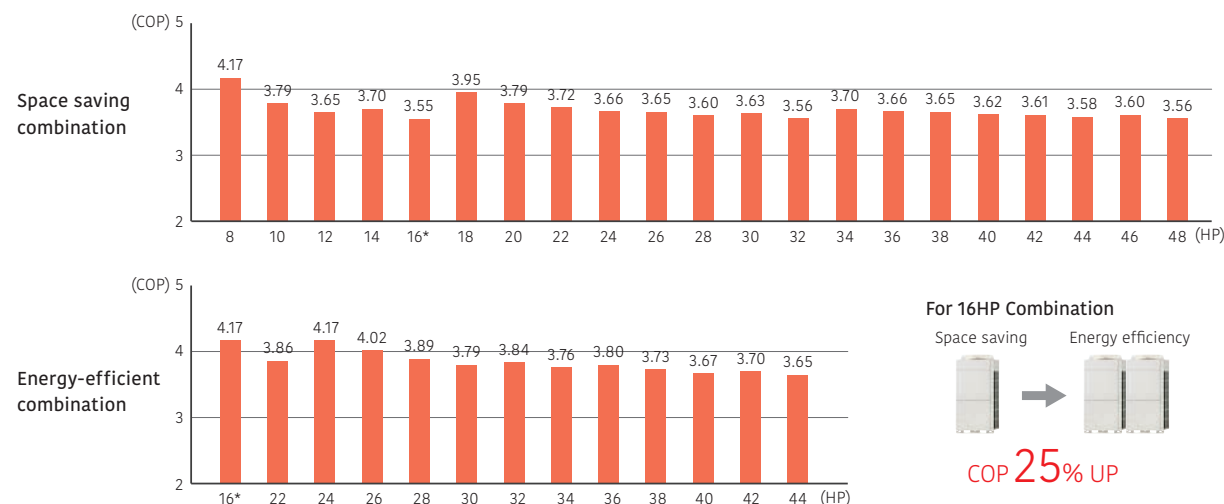
High-efficiency compressor speed control

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

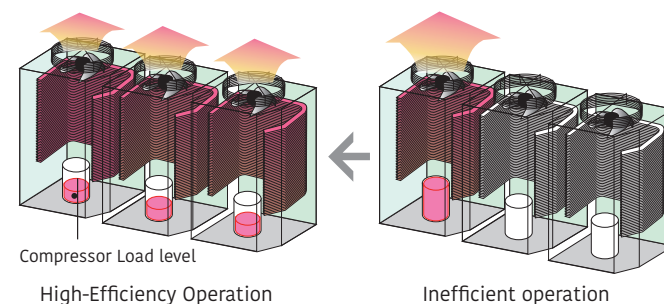
Class-leading high COP (Maximum) The use of our proprietary heat exchanger structure and high-efficiency DC twin-rotary compressors achieves the class-leading coefficient of performance (COP) in every combination.



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

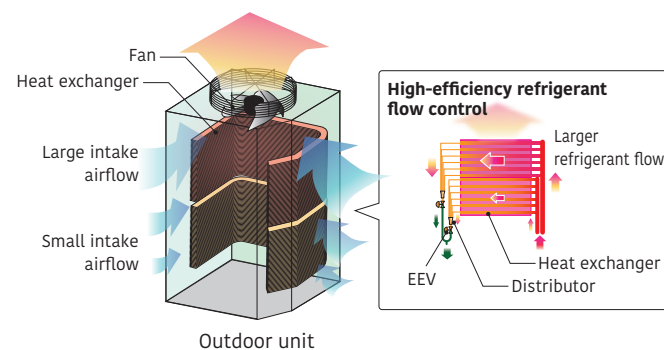
Multiple Outdoor Operation Control

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.



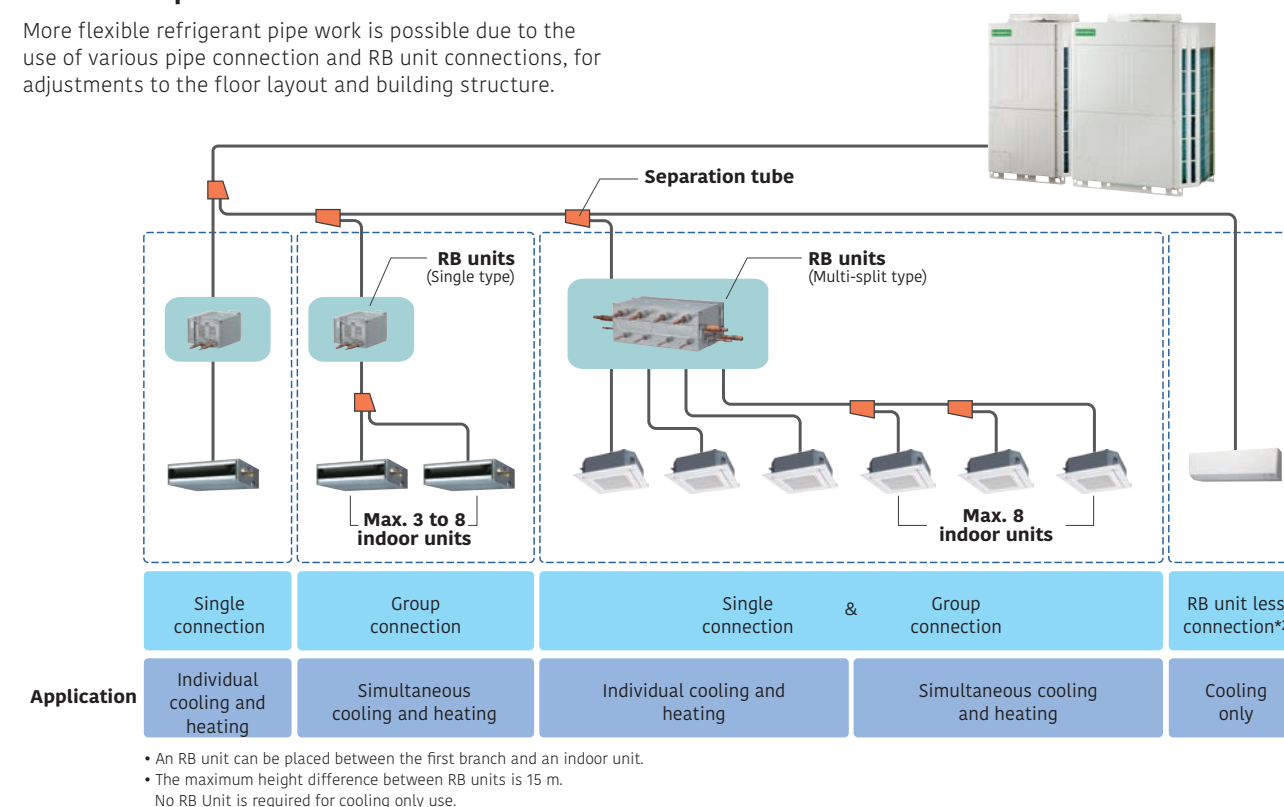
Heat Exchanger Refrigerant Control

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.

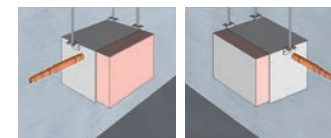


Flexible Installation of RB Unit

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

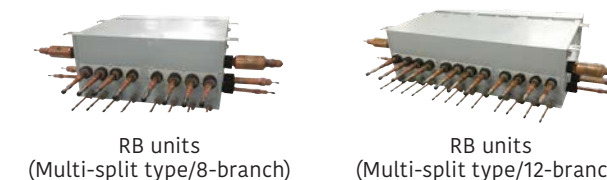
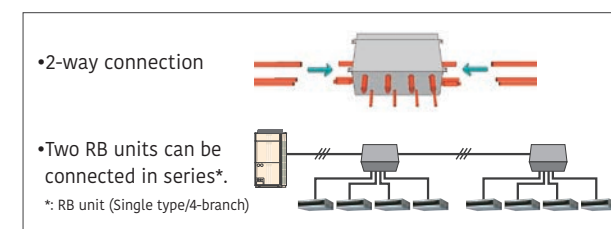
*: RB unit (single type)



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

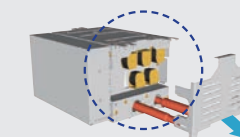


An RB unit can be installed on top of the control box to save space.
*: RB unit (single type)



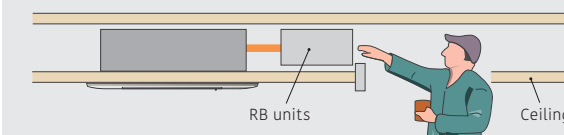
Easy maintenance in tight spaces

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)  AJH072GALDH UNIT : AJH072GALDH	28.0kW (10HP)  AJH090GALDH UNIT : AJH090GALDH	33.5kW (12HP)  AJH108GALDH UNIT : AJH108GALDH	40.0kW (14HP)  AJH126GALDH UNIT : AJH126GALDH	45.0kW (16HP)  AJH144GALDH UNIT : AJH144GALDH
50.4kW (18HP)  AJH162GALDH UNIT : AJH090/072GALDH	56.0kW (20HP)  AJH180GALDH UNIT : AJH090/090GALDH	61.5kW (22HP)  AJH198GALDH UNIT : AJH108/090GALDH	67.0kW (24HP)  AJH216GALDH UNIT : AJH108/108GALDH	73.0kW (26HP)  AJH234GALDH UNIT : AJH144/090GALDH
78.5kW (28HP)  AJH252GALDH UNIT : AJH144/108GALDH	85.0kW (30HP)  AJH270GALDH UNIT : AJH144/126GALDH	90.0kW (32HP)  AJH288GALDH UNIT : AJH144/144GALDH	95.0kW (34HP)  AJH306GALDH UNIT : AJH108/108/090GALDH	100.5kW (36HP)  AJH324GALDH UNIT : AJH108/108/108GALDH
106.5kW (38HP)  AJH342GALDH UNIT : AJH144/108/090GALDH	112.0kW (40HP)  AJH360GALDH UNIT : AJH144/108/108GALDH	118.0kW (42HP)  AJH378GALDH UNIT : AJH144/144/090GALDH	123.5kW (44HP)  AJH396GALDH UNIT : AJH144/144/108GALDH	130.0kW (46HP)  AJH414GALDH UNIT : AJH144/144/126GALDH
135.0kW (48HP)  AJH432GALDH UNIT : AJH144/144/144GALDH				

Energy efficiency combination

44.8kW (16HP)  AJH144GALDHH UNIT : AJH072/072GALDH	62.4kW (22HP)  AJH198GALDHH UNIT : AJH126/072GALDH	67.2kW (24HP)  AJH216GALDHH UNIT : AJH072/072/072GALDH	72.8kW (26HP)  AJH234GALDHH UNIT : AJH090/072/072GALDH	78.4kW (28HP)  AJH252GALDHH UNIT : AJH090/090/072GALDH
84.0kW (30HP)  AJH270GALDHH UNIT : AJH090/090/090GALDH	90.4kW (32HP)  AJH288GALDHH UNIT : AJH126/090/072GALDH	96.0kW (34HP)  AJH306GALDHH UNIT : AJH126/090/090GALDH	102.4kW (36HP)  AJH324GALDHH UNIT : AJH126/126/072GALDH	108.0kW (38HP)  AJH342GALDHH UNIT : AJH126/126/090GALDH
113.0kW (40HP)  AJH360GALDHH UNIT : AJH144/126/090GALDH	120.0kW (42HP)  AJH378GALDHH UNIT : AJH126/126/126GALDH	125.0kW (44HP)  AJH396GALDHH UNIT : AJH144/126/126GALDH		

8,10,12HP : AJH072GALDH / AJH090GALDH / AJH108GALDH
14,16HP : AJH126GALDH / AJH144GALDH



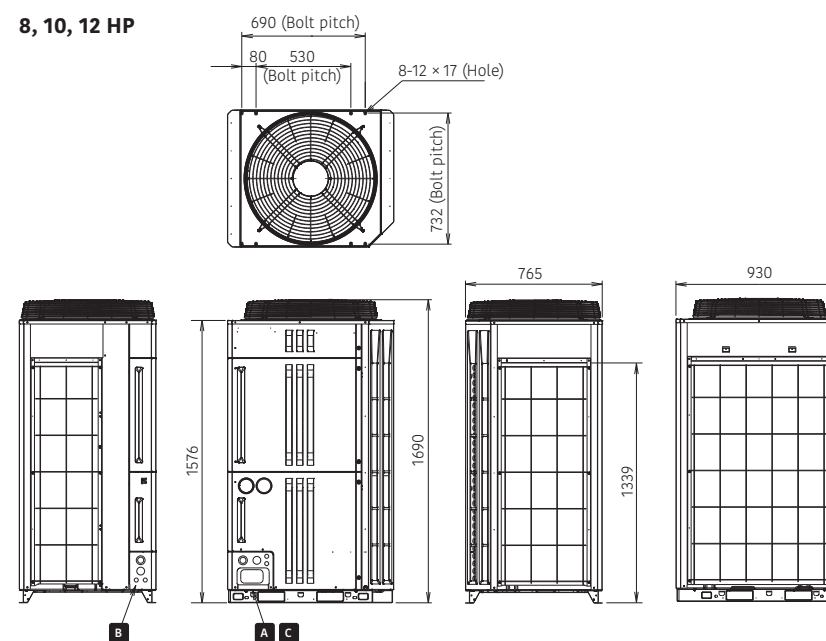
8, 10, 12 HP

14, 16 HP

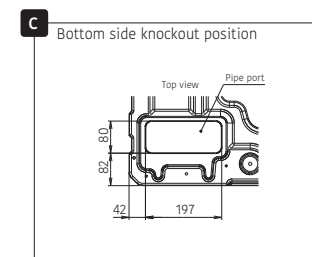
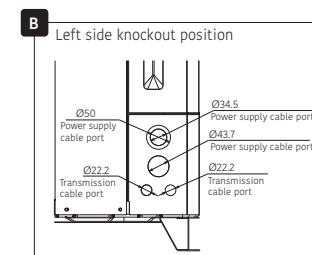
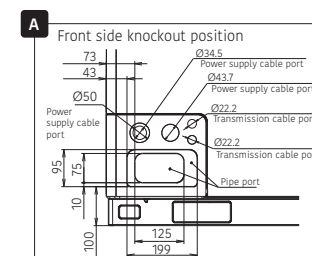
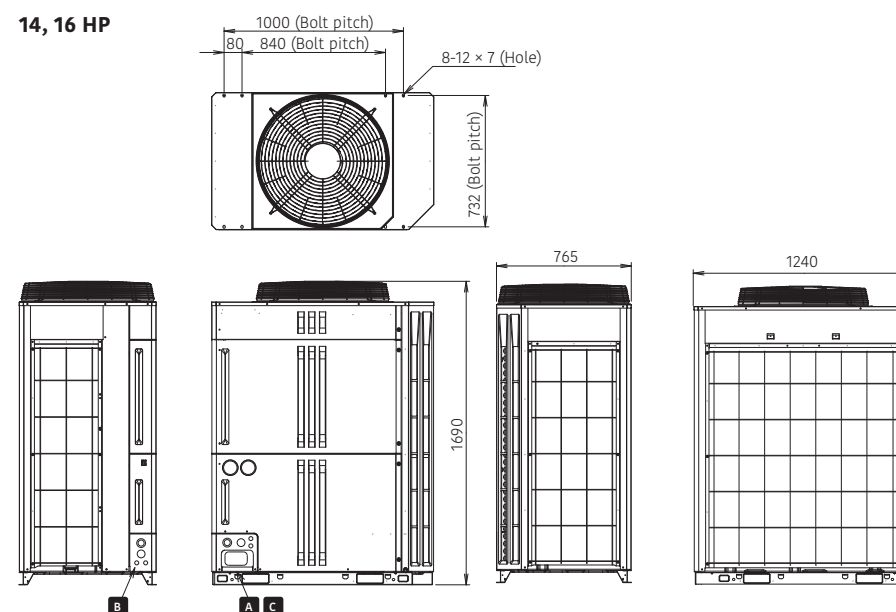
Dimensions

(Unit: mm)

8, 10, 12 HP



14, 16 HP



Outdoor units 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			AJH072GALDH	AJH090GALDH	AJH108GALDH	AJH126GALDH	AJH144GALDH	AJH162GALDH	AJH180GALDH	AJH198GALDH	AJH216GALDH	AJH234GALDH	AJH252GALDH	AJH270GALDH	AJH288GALDH	AJH306GALDH	AJH324GALDH	AJH342GALDH	AJH360GALDH	AJH378GALDH	AJH396GALDH	AJH414GALDH	AJH432GALDH	
Unit 1			AJH072GALDH	AJH090GALDH	AJH108GALDH	AJH126GALDH	AJH144GALDH	AJH090GALDH	AJH090GALDH	AJH090GALDH	AJH108GALDH	AJH144GALDH	AJH144GALDH	AJH144GALDH	AJH144GALDH	AJH108GALDH	AJH108GALDH	AJH108GALDH	AJH108GALDH	AJH144GALDH	AJH144GALDH	AJH144GALDH	AJH144GALDH	
Unit 2								AJH072GALDH	AJH090GALDH	AJH090GALDH		AJH108GALDH												
Unit 3																								
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	3.66	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	3.30	3.24	3.28	3.22	3.21	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		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	m³/h	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	dB(A)	56 / 77	58 / 78	59 / 79	60 / 82	61 / 82	60 / 81	61 / 81	62 / 82	62 / 82	63 / 83	63 / 84	64 / 85	64 / 85	63 / 83	64 / 84	64 / 85	65 / 85	65 / 86	65 / 86	65 / 87	66 / 87	
	Heating		58 / 79	59 / 79	63 / 82	62 / 83	63 / 83	62 / 82	62 / 82	64 / 84	66 / 85	64 / 84	66 / 86	66 / 86	67 / 86	68 / 87	67 / 86	68 / 87	68 / 87	67 / 87	68 / 87	67 / 88	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	1,240 × 2	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)	
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	
	Discharge Gas		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	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	-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	-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

Rated capacity range		HP	16	22	24	26	28	30	32	34	36	38	40	42	44											
Model name			AJH144GALDHH	AJH198GALDHH	AJH216GALDHH	AJH234GALDHH	AJH252GALDHH	AJH270GALDHH	AJH288GALDHH	AJH306GALDHH	AJH324GALDHH	AJH342GALDHH	AJH360GALDHH	AJH378GALDHH	AJH396GALDHH											
Unit 1			AJH072GALDH	AJH126GALDH	AJH072GALDH	AJH090GALDH	AJH090GALDH	AJH090GALDH	AJH126GALDH	AJH126GALDH	AJH126GALDH	AJH126GALDH	AJH144GALDH	AJH126GALDH	AJH144GALDH											
Unit 2			AJH072GALDH	AJH072GALDH	AJH072GALDH	AJH072GALDH	AJH090GALDH	AJH090GALDH	AJH090GALDH	AJH090GALDH	AJH126GALDH	AJH126GALDH	AJH126GALDH	AJH126GALDH	AJH126GALDH											
Unit 3					AJH072GALDH	AJH072GALDH	AJH072GALDH	AJH072GALDH	AJH072GALDH	AJH090GALDH	AJH090GALDH	AJH090GALDH	AJH090GALDH	AJH126GALDH	AJH126GALDH											
Maximum connectable indoor units*1			34	47	52	56	60	64	64	64	64	64	64	64	64											
Connectable capacity range of indoor units		kW	11.2-67.2*3	15.6-93.6*3	16.8-100.8*3	18.2-109.2*3	19.6-117.6*3	21.0-126.0*3	22.6-135.6*3	24.0-144.0*3	25.6-153.6*3	27.0-162.0*3	28.3-169.5*3	30.0-180.0*3	31.3-187.5*3											
Power source			3-phase, 4-wire, 400 V, 50Hz												3-phase, 4-wire, 400 V, 50Hz											
Capacity	Cooling	kW	44.8	62.4	67.2	72.8	78.4	84.0	90.4	96.0	102.4	108.0	113.0	120.0	125.0											
	Nominal Heating		44.8	62.4	67.2	72.8	78.4	84.0	90.4	96.0	102.4	108.0	110.0	120.0	122.0											
	Max. Heating		50.0	70.0	75.0	81.5	88.0	94.5	101.5	108.0	115.0	121.5	124.5	135.0	138.0											
Input power	Cooling	kW	12.52	19.42	18.78	22.05	25.32	28.59	28.95	32.22	32.58	35.85	39.40	39.48	43.03											
	Nominal Heating		10.74	16.17	16.11	18.12	20.13	22.14	23.55	25.56	26.97	28.98	29.99	32.40	33.41											
	Max. Heating		12.50	20.20	18.75	21.46	24.17	26.88	29.16	31.87	34.15	36.86	37.89	41.85	42.88											
EER	Cooling	W/W	3.58	3.21	3.58	3.30	3.10	3.12	2.98	3.14	3.01	3.12	3.04	2.90												
COP	Nominal Heating		4.17	3.86	4.17	4.02	3.89	3.79	3.84	3.76	3.80	3.73	3.67	3.70	3.65											
	Max. Heating		4.00	3.47	4.00	3.80	3.64	3.52	3.48	3.39	3.37	3.30	3.29	3.23	3.22											
SEER	Cooling		7.16	6.96	7.16	6.98	6.79	6.61	6.84	6.66	6.89	6.71	6.55	6.76	6.60											
SCOP	Heating		3.78	4.05	3.78	3.77	3.77	3.76	3.95	3.94	4.13	4.13	4.16	4.31	4.34											
ηc	Cooling	%	283.0	275.0	283.0	275.7	268.3	261.0	270.3	263.0	272.3	265.0	258.7	267.0	260.7											
ηh	Heating		148.0	158.5	148.0	147.7	147.3	147.0	154.7	154.3	162.0	161.7	163.0	169.0	170.3											
Air flow rate	High	m³/h	11,100×2	13,000+11,100	11,100×3	11,100×3	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	13,000×2+11,100	13,000×3	13,000×3											
Sound pressure level*2/	Cooling	dB(A)	59 / 80	61 / 83	61 / 82	62 / 82	62 / 82	63 / 83	63 / 84	64 / 85	64 / 86	65 / 87	66 / 86	65 / 87	65 / 87											
Power level	Heating		61 / 82	63 / 84	63 / 84	63 / 84	63 / 84	63 / 84	64 / 84	65 / 86	65 / 86	66 / 87	66 / 87	66 / 87	67 / 88	67 / 88										
Max. External static pressure	Pa		80	80	80	80	80	80	80	80	80	80	80	80	80											
Compressor motor output	kW		7.5 × 2	11.0 × 7.5	7.5 × 3	7.5 × 3	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 × 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											
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	930 × 3	930 × 3	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											
	Depth		765	765	765	765	765	765	765	765	765	765	765	765	765											
Weight	kg		262 × 2	286 × 262	262 × 3	262 × 3	262 × 3	262 × 3	286 × 262 × 2	286 × 262 × 2	286 × 2 × 262	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)											
Connection pipe diameter	Charge	kg (CO2eq-T)	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)	11.8 × 3 (24.6 × 3)	11.8 × 3 (24.6 × 3)											
	Liquid	mm	12.70	15.88	15.88	15.88	15.88	15.88	19.05	19.05	19.05	19.05	19.05	19.05	19.05											
	Discharge Gas		22.22	28.58	28.58	28.58	28.58	28.58	28.58	28.58	28.58	34.92	34.92	34.92												
	Suction Gas		28.58	34.92	34.92	34.92	34.92	34.92	34.92	34.92	34.92	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											
	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											
	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										



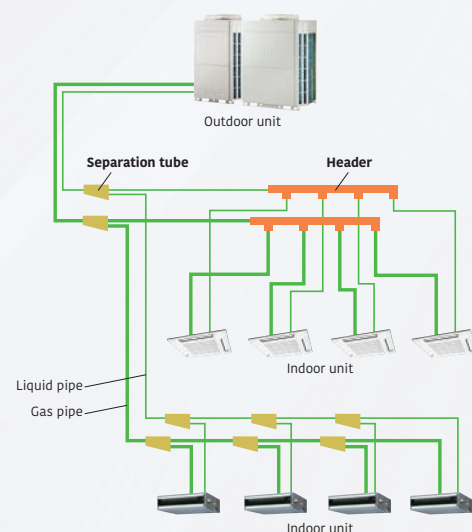
Heat Pump

Modular type

VRF V-IV

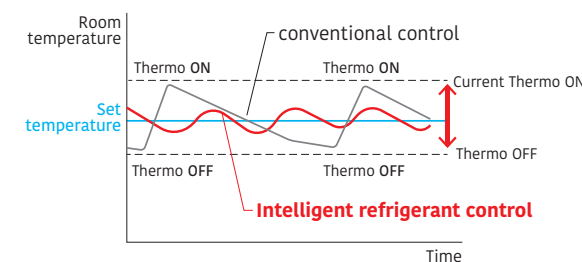
System configuration example

- 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.

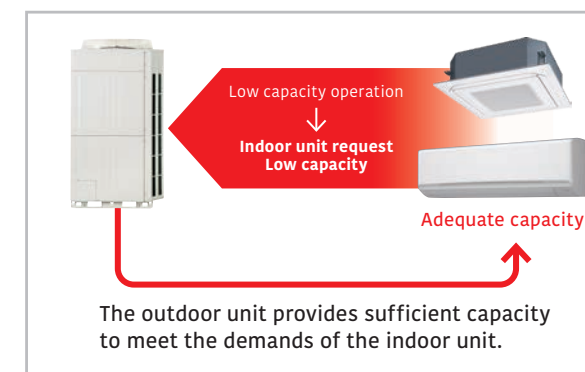


Intelligent Refrigerant Control

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.

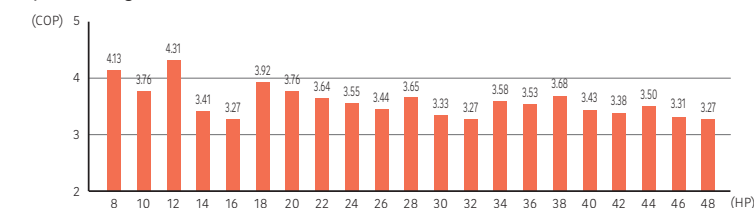


* The improvements due to the control and the actual sine wave vary depending on the combination of the indoor unit and system operating conditions.

Efficiency in Actual Operating Conditions

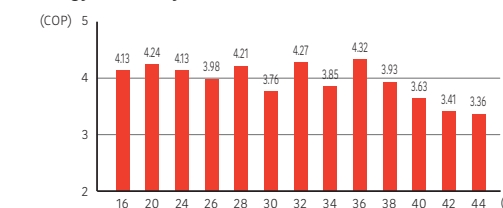
The use of our proprietary heat exchanger structure and high-efficiency DC twin-rotary compressors achieves the class-leading coefficient of performance (COP) in every combination.

Space saving combination



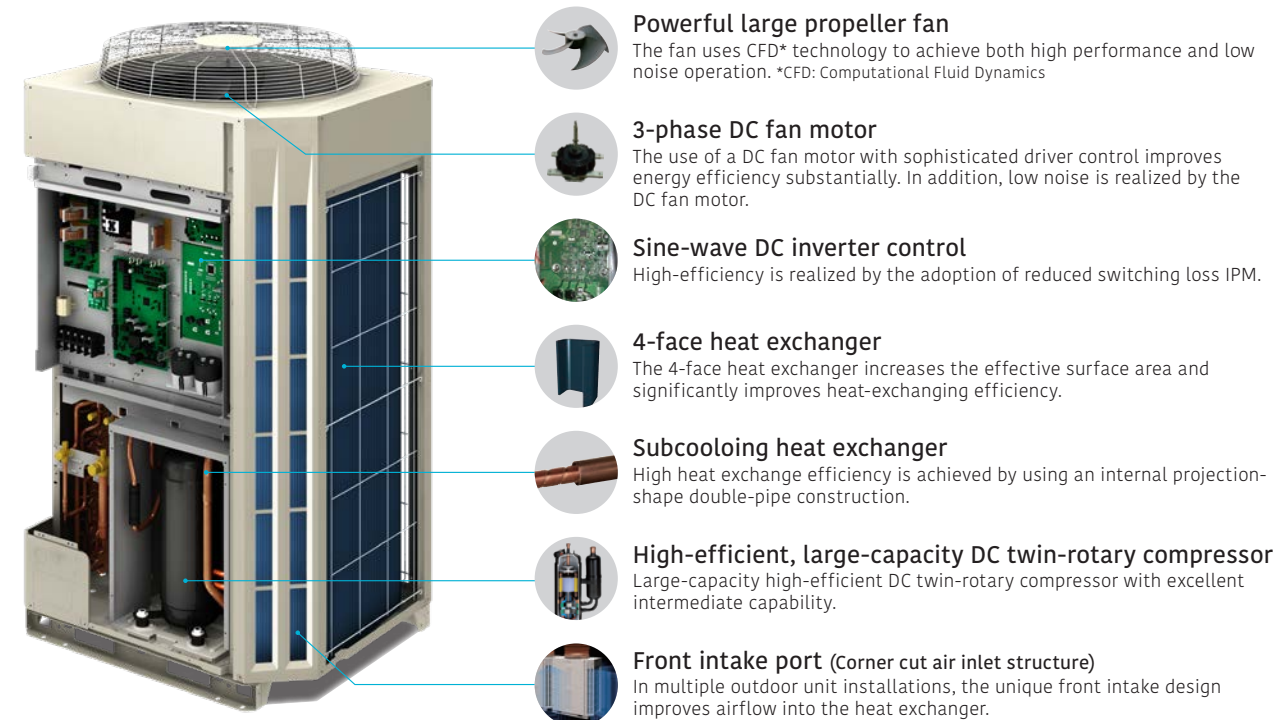
* These specifications are determined by Cassette combination.

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)  AJH072LALDH UNIT: AJH072LALDH	28.0 kW (10 HP)  AJH090LALDH UNIT: AJH090LALDH	33.5 kW (12 HP)  AJH108LALDH UNIT: AJH108LALDH	40.0 kW (14 HP)  AJH126LALDH UNIT: AJH126LALDH	45.0 kW (16 HP)  AJH144LALDH UNIT: AJH144LALDH
50.4 kW (18 HP)  AJH162LALDH UNIT: AJH090/072LALDH	56.0 kW (20 HP)  AJH180LALDH UNIT: AJH090/090LALDH	62.4 kW (22 HP)  AJH198LALDH UNIT: AJH126/072LALDH	68.0 kW (24 HP)  AJH216LALDH UNIT: AJH126/090LALDH	73.0 kW (26 HP)  AJH234LALDH UNIT: AJH144/090LALDH
78.5 kW (28 HP)  AJH252LALDH UNIT: AJH144/108LALDH	85.0 kW (30 HP)  AJH270LALDH UNIT: AJH144/126LALDH	90.0 kW (32 HP)  AJH288LALDH UNIT: AJH144/144LALDH	95.4 kW(34 HP)  AJH306LALDH UNIT: AJH144/090/072LALDH	101.0 kW (36 HP)  AJH324LALDH UNIT: AJH144/090/090LALDH
106.5 kW (38 HP)  AJH342LALDH UNIT: AJH144/108/090LALDH	113.0 kW (40 HP)  AJH360LALDH UNIT: AJH144/126/090LALDH	118.0 kW (42 HP)  AJH378LALDH UNIT: AJH144/144/090LALDH	123.5 kW (44 HP)  AJH396LALDH UNIT: AJH144/144/108LALDH	130.0 kW (46 HP)  AJH414LALDH UNIT: AJH144/144/126LALDH
135.0 kW (48 HP)  AJH432LALDH UNIT: AJH144/144/144LALDH				

Energy efficiency combination

44.8 kW (16 HP)  AJH144LALDHH UNIT: AJH072/072LALDH	55.9 kW (20 HP)  AJH180LALDHH UNIT: AJH108/072LALDH	67.2 kW (24 HP)  AJH216LALDHH UNIT: AJH072/072/072LALDH	72.8 kW (26 HP)  AJH234LALDHH UNIT: AJH090/072/072LALDH	78.3 kW (28 HP)  AJH252LALDHH UNIT: AJH108/072/072LALDH
84.8 kW (30 HP)  AJH270LALDHH UNIT: AJH126/072/072LALDH	89.4 kW (32 HP)  AJH288LALDHH UNIT: AJH108/108/072LALDH	95.9 kW (34 HP)  AJH306LALDHH UNIT: AJH126/108/072LALDH	100.5 kW (36 HP)  AJH324LALDHH UNIT: AJH108/108/108LALDH	107.0 kW (38 HP)  AJH342LALDHH UNIT: AJH126/108/108LALDH
113.5 kW (40 HP)  AJH360LALDHH UNIT: AJH126/126/108LALDH	120.0 kW (42 HP)  AJH378LALDHH UNIT: AJH126/126/126LALDH	125.0 kW (44 HP)  AJH396LALDHH UNIT: AJH144/126/126LALDH		

8, 10 HP: AJH072LALDH / AJH090LALDH
12, 14, 16 HP: AJH108LALDH / AJH126LALDH / AJH144LALDH



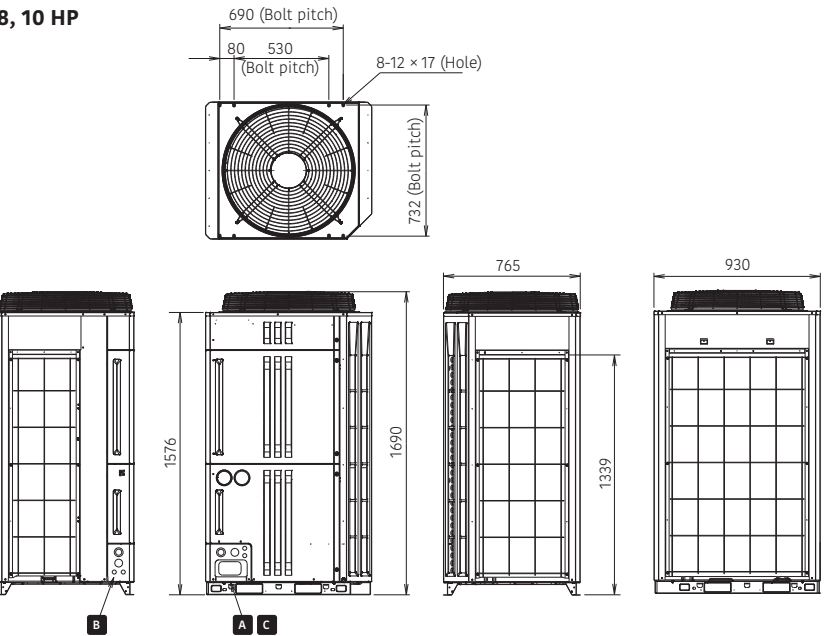
8, 10 HP

12, 14, 16 HP

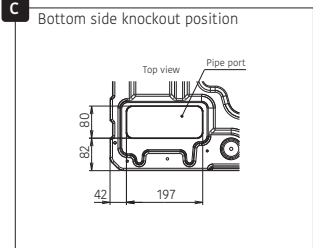
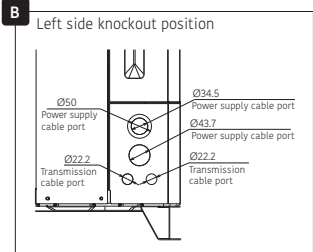
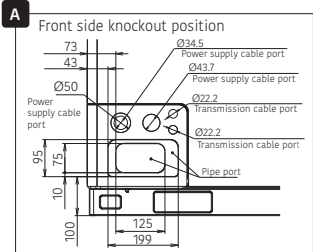
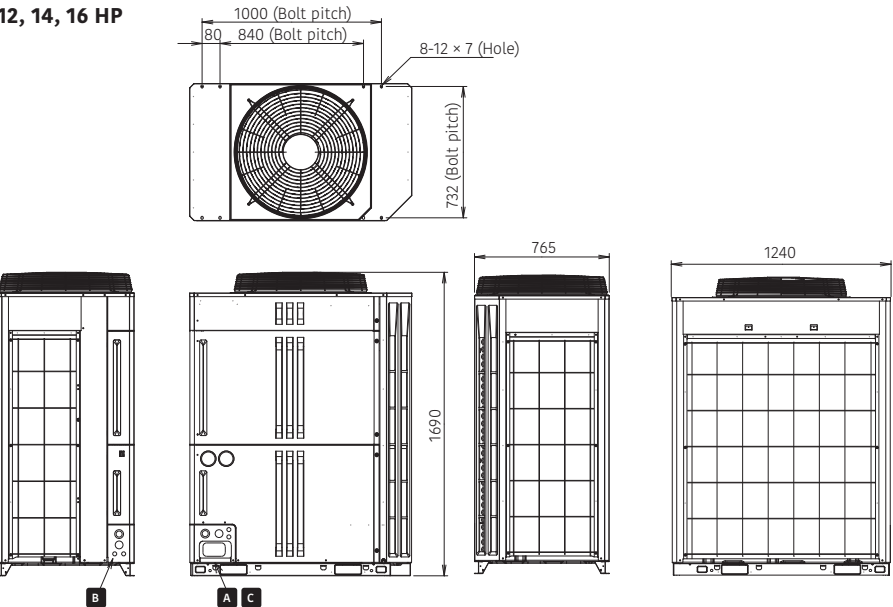
Dimensions

(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			AJH072LALDH	AJH090LALDH	AJH108LALDH	AJH126LALDH	AJH144LALDH	AJH162LALDH	AJH180LALDH	AJH198LALDH	AJH216LALDH	AJH234LALDH	AJH252LALDH	AJH270LALDH	AJH288LALDH	AJH306LALDH	AJH324LALDH	AJH342LALDH	AJH360LALDH	AJH378LALDH	AJH396LALDH	AJH414LALDH	AJH432LALDH	
Unit 1			AJH072LALDH	AJH090LALDH	AJH108LALDH	AJH126LALDH	AJH144LALDH	AJH090LALDH	AJH090LALDH	AJH126LALDH	AJH126LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	
Unit 2								AJH072LALDH	AJH090LALDH	AJH072LALDH	AJH090LALDH	AJH090LALDH	AJH108LALDH	AJH126LALDH	AJH144LALDH	AJH090LALDH	AJH090LALDH	AJH090LALDH	AJH108LALDH	AJH126LALDH	AJH144LALDH	AJH144LALDH	AJH144LALDH	
Unit 3																								
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+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 × 3	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	
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 × 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)	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 + 24.4)	11.8 × 2 (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	34.92	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	-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			AJH144LADHH	AJH180LADHH	AJH216LADHH	AJH234LADHH	AJH252LADHH	AJH270LADHH	AJH288LADHH	AJH306LADHH	AJH324LADHH	AJH342LADHH	AJH360LADHH	AJH378LADHH	AJH396LADHH	
Unit 1			AJH072LALDH	AJH108LALDH	AJH072LALDH	AJH090LALDH	AJH108LALDH	AJH126LALDH	AJH108LALDH	AJH126LALDH	AJH108LALDH	AJH126LALDH	AJH126LALDH	AJH144LALDH		
Unit 2			AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH072LALDH	AJH126LALDH	AJH126LALDH	
Unit 3													AJH126LALDH	AJH126LALDH		
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								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		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/	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	
Power level	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 × 930 × 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 (24.6 × 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 R410A INDOOR UNITS

5 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-100 VRF Indoor Unit Lineup for J-IVS, J-IV, J-IVL, VR-IV, V-IV

Cassette

- V-102 Compact type
- V-104 Circular Flow Range – Slim type
- V-106 Circular Flow Range – Large type
- V-108 1-way Flow
- V-110 3D Flow

Duct

- V-112 Low Static Pressure Duct Mini Duct
- V-114 Low Static Pressure Duct Slim Duct/Slim Concealed Floor
- V-116 Low Static Pressure Duct
- V-118 Medium Static Pressure Duct
- V-120 High Static Pressure Duct

Floor, Ceiling

- V-122 Compact Floor
- V-124 Floor/Ceiling
- V-126 Ceiling

Wall-Mounted

- V-128 Wall-Mounted (EEV Internal/external)



VRF R410A 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		AUXB 004 GLEH	AUXB 007 GLEH	AUXB 009 GLEH	AUXB 012 GLEH			AUXB 014 GLEH	AUXB 018 GLEH	AUXB 024 GLEH								
	Circular Flow	Slim type 								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	ARXC 096 GTEH*1
Floor	Floor (*Same as Ceiling models)					ABHA 012 GTEH			ABHA 014 GTEH	ABHA 018 GTEH	ABHA 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								
	EEV Internal		AGHA 004 GCGH	AGHA 007 GCGH	AGHA 009 GCGH	AGHA 012 GCGH		AGHA 014 GCGH											
		Compact 	AGHE 004 GCEH	AGHE 007 GCEH	AGHE 009 GCEH	AGHE 012 GCEH		AGHE 014 GCEH											
	EEV External		This model requires the EV Kit to be connected.																
Ceiling		 012 - 024 030 - 054				ABHA 012 GTEH			ABHA 014 GTEH	ABHA 018 GTEH	ABHA 024 GTEH	ABHA 030 GTEH		ABHA 036 GTEH	ABHA 045 GTEH	ABHA 054 GTEH			
Wall-Mounted	EEV Internal	 004 - 014 18 - 24 030 - 034	ASHA 004 GCGH	ASHA 007 GCGH	ASHA 009 GCGH	ASHA 012 GCGH		ASHA 014 GCGH		ASHA 18 GBCH	ASHA 24 GBCH	ASHA 030 GTEH	ASHA 034 GTEH						
	EEV External	 004 - 014	ASHE 004 GCEH	ASHE 007 GCEH	ASHE 009 GCEH	ASHE 012 GCEH		ASHE 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



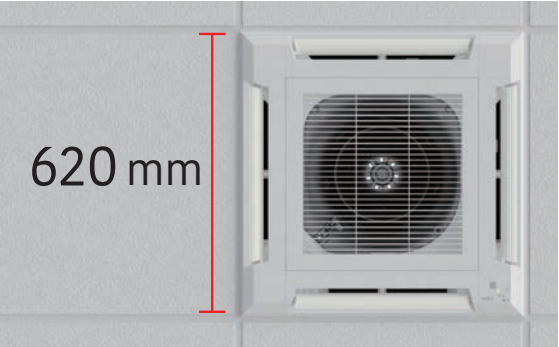
Specifications

Model name			AUXB004GLEH	AUXB007GLEH	AUXB009GLEH	AUXB012GLEH	AUXB014GLEH	AUXB018GLEH	AUXB024GLEH
Power source			Single phase, 220-240V~, 50Hz						
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-UFGE-W/UTG-UFGC-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.

Compact and Stylish Panel

The compact and stylish panel fits nicely into a grid type ceiling. The linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



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

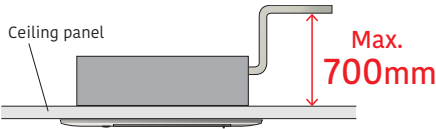
The cassette can be installed up to a height of 3.0 m. (012/014/018/024).

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

Optional parts

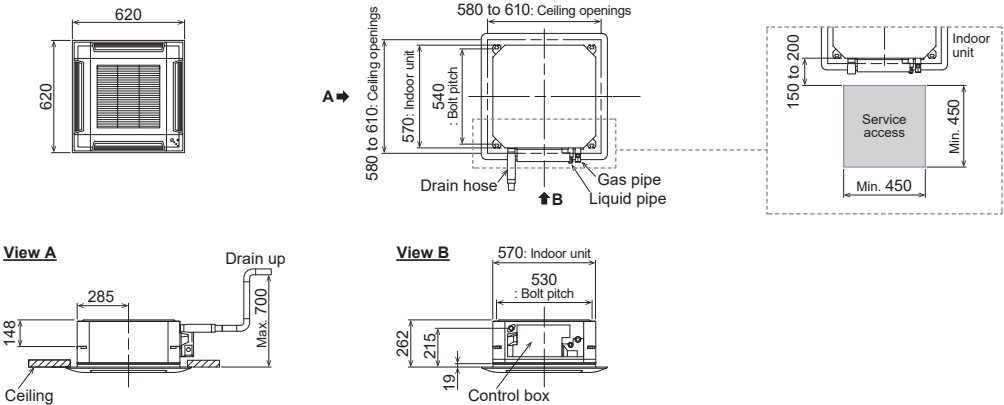
*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Air Outlet Shutter Plate:	UTR-YDZB	Cassette Grille:	UTG-UFGC-W, UTG-UFGE-W
Fresh Air Intake Kit:	UTZ-VXAA	External power supply unit:	UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Insulation Kit for high humidity:	UTZ-KXGC		
Silver Ion Filter:	UTD-HFAA	Remote Sensor Kit:	UTY-XSZX21



Dimensions

(Unit: mm)



Circular Flow
Cassette

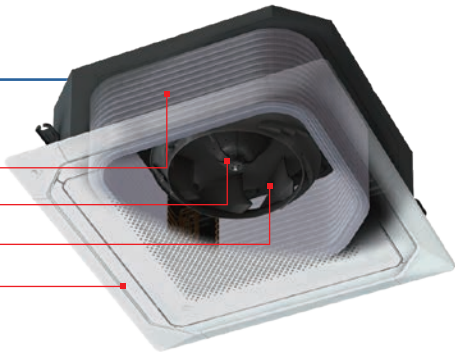
Slim type



Unique Circular Flow Design

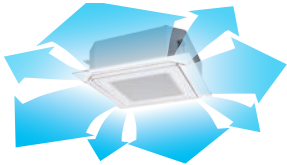
This Cassette type air conditioner is equipped with a high performance DC fan motor, a turbo fan, and a louver to propel powerful airflows in all directions.

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



Uniform Temperature Air Conditioning

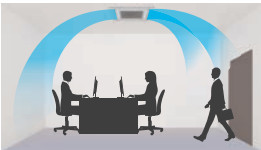
Achieve a comfortable air conditioning spread to every corner of the room thanks to the circular flow and wide vertical airflow.



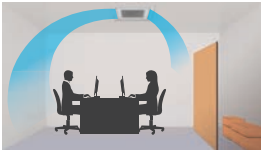
Individual Louver Control

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-RNRGZ6 Wired remote controller with touch panel and
UTY-DCGGZ4 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-RNRGZ6 Wired remote controller with touch panel and
UTY-DCGGZ4 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.

Model: AUXM018GLEH / AUXM024GLEH / AUXM030GLEH



Specifications

Model name			AUXM018GLEH	AUXM024GLEH	AUXM030GLEH
Power source			Single phase, 220-240V~, 50Hz		
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-UKGC-W/UTG-UKGA-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.

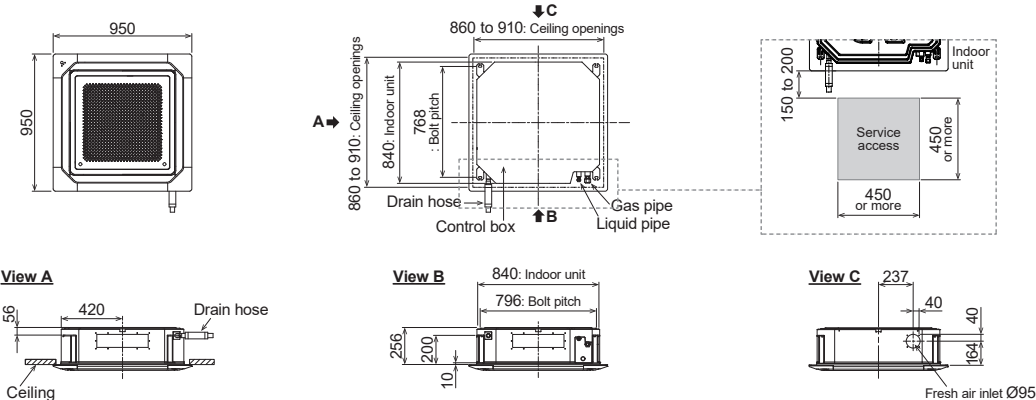
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Occupancy Sensor Kit: UTY-SHZXC	Air Outlet Shutter Plate: UTR-YDZK	Silver Ion Filter: UTD-HFRA
Wide Panel: UTG-AKXA-W	Insulation Kit for high humidity: UTZ-KXRA	Remote Sensor Kit: UTY-XSZXZ1
Panel Spacer: UTG-BKXA-W	Cassette Grille: UTG-UKGC-W, UTG-UKGA-B	External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Fresh Air Intake Kit: UTY-VXRA		

Dimensions

(Unit: mm)



Circular Flow
Cassette

Large type



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



Specifications

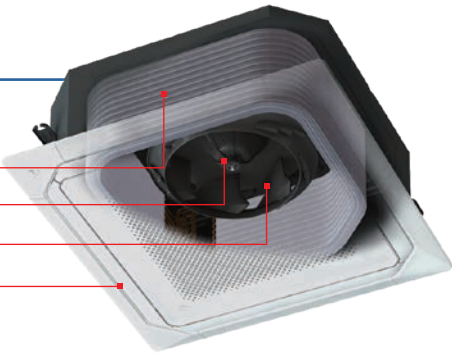
Model name			AUXK018GLEH	AUXK024GLEH	AUXK030GLEH	AUXK034GLEH	AUXK036GLEH	AUXK045GLEH	AUXK054GLEH
Power source			Single phase, 220-240V~, 50Hz						
Capacity	Cooling	kW	5.6	7.1	9.0	10.0	11.2	12.5	14.0
	Heating		6.3	8.0	10.0	11.2	12.5	14.0	16.0
Input power		W	40	40	47	47	61	89	116
Airflow rate	High	m³/h	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-UKGC-W/UTG-UKGA-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.

Unique Circular Flow Design

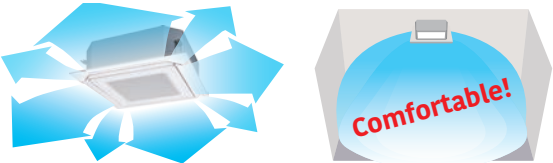
This Cassette type air conditioner is equipped with a high performance DC fan motor, a turbo fan, and a louver to propel powerful airflows in all directions.

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.



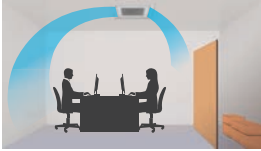
Individual Louver Control

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-RNRGZ6 Wired remote controller with touch panel and
UTY-DCGGZ4 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-RNRGZ6 Wired remote controller with touch panel and
UTY-DCGGZ4 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.

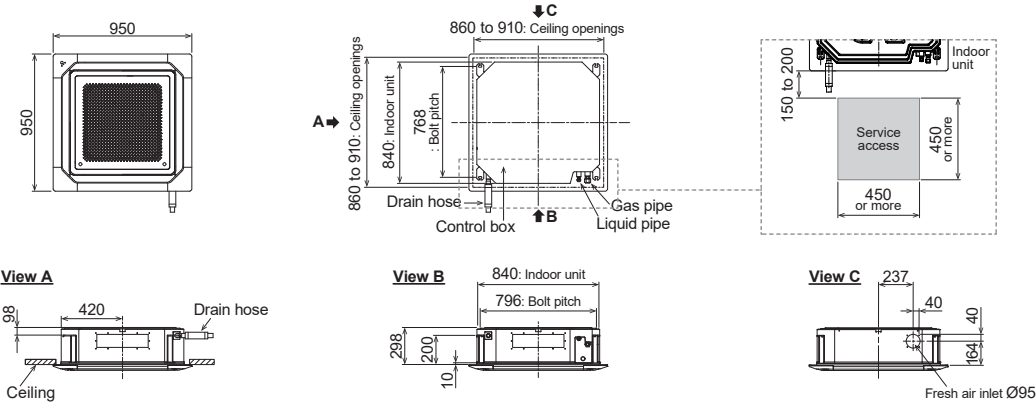
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Occupancy Sensor Kit: UTY-SHZXC	Air Outlet Shutter Plate: UTR-YDZK	Silver Ion Filter: UTD-HFRA
Wide Panel: UTG-AKXA-W	Insulation Kit for high humidity: UTZ-KXRA	Remote Sensor Kit: UTY-XSZXZ1
Panel Spacer: UTG-BKXA-W	Cassette Grille: UTG-UKGC-W, UTG-UKGA-B	External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Fresh Air Intake Kit: UTZ-VXRA		

Dimensions

(Unit: mm)



1-way Flow
Cassette

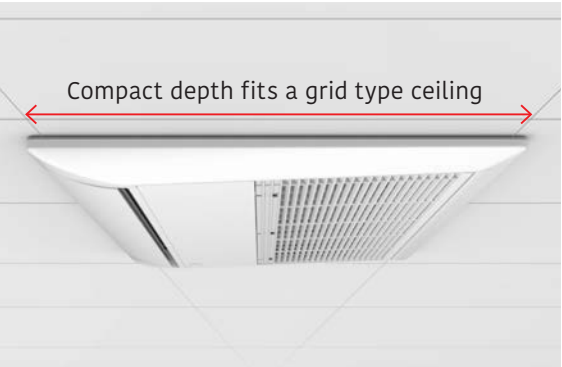


Compact Chassis Size

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

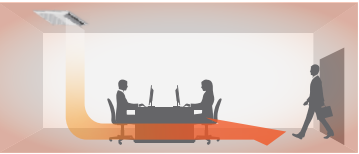
A large flap with a wide range of movements, equipped with louvers arranged triangularly, sends air into every corner of the room.



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, 220-240V~, 50Hz						
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-UNGA-W				UTG-UNGB-W		
	Net Dimensions (H × W × D)		43 × 950 × 620				43 × 1,360 × 620		
	Weight		6.5				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]

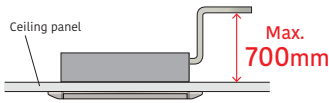
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Cassette Grille: UTG-UNGA-W (004-012), UTG-UNGB-W (014-024)
External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Remote sensor kit: UTY-XSZXZ1

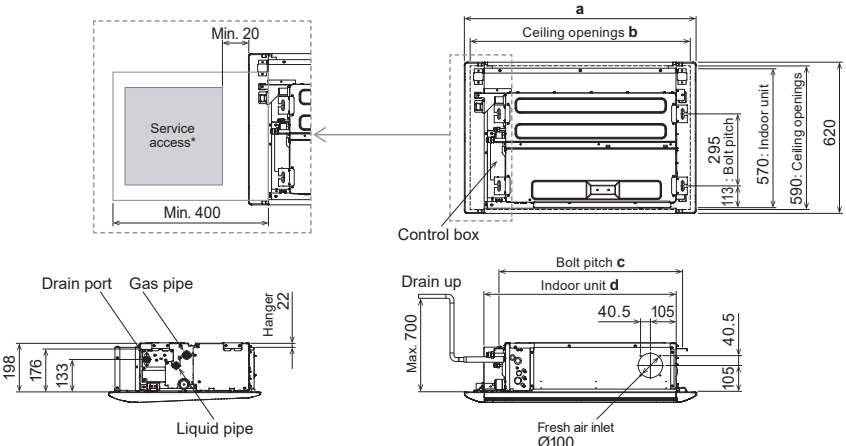
Flexible Installation

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, 220-240V~, 50Hz	
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-USGA-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

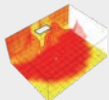
3 Individually Controlled Air Outlet Ports

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.

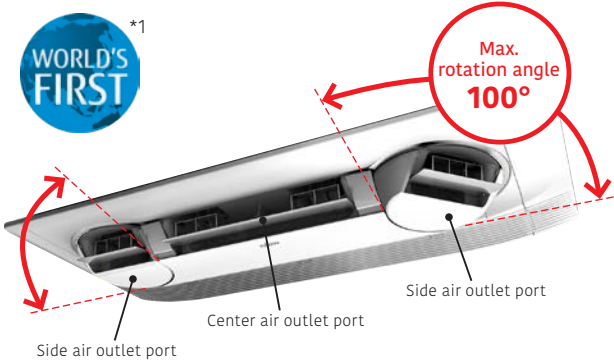
Temperature distribution during cooling and heating
(when set to Comfortable airflow)



Testing conditions: Model AUXS024GLEH running cooling operation with the air volume set to "Hi" to maintain the room temperature at 18°C with the outdoor temperature at 35°C, tested in our 40m² environmental test room



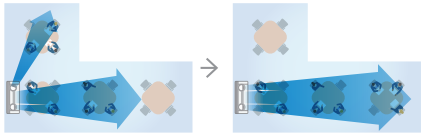
Testing conditions: Model AUXS024GLEH running heating operation with the air volume set to "Hi" to maintain the room temperature at 30°C with the outdoor temperature at 7°C, tested in our 40m² environmental test room



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

Individual Airflow Setting

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



Adjusts airflows from the side air outlet ports to match the layout and usage of the room to minimize the amount of wasted airflow.



The airflow is optimally controlled to provide improved comfort in a narrow room.

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.



Wired remote controller
(Design type)
UTY-RVRG



Wired remote controller
with Touch Panel
UTY-RNRGZ6

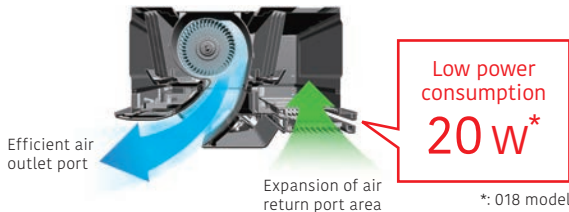


Central remote controller
UTY-DCGGZ4

* Feature available only on UTY-RNRGZ6 Wired remote controller with touch panel and UTY-DCGGZ4 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.



*: 018 model

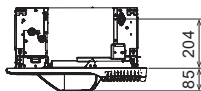
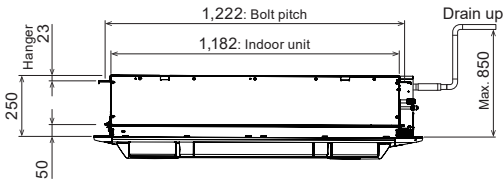
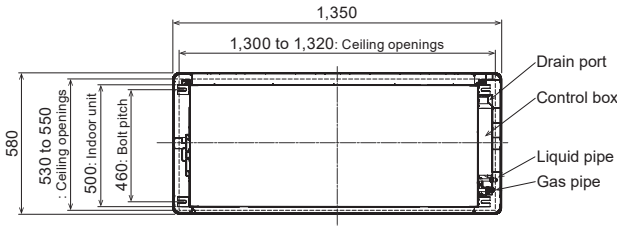
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Remote sensor kit: UTY-XSZXZ1
Cassette Grille: UTG-USGA-W
External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD

Dimensions

(Unit: mm)

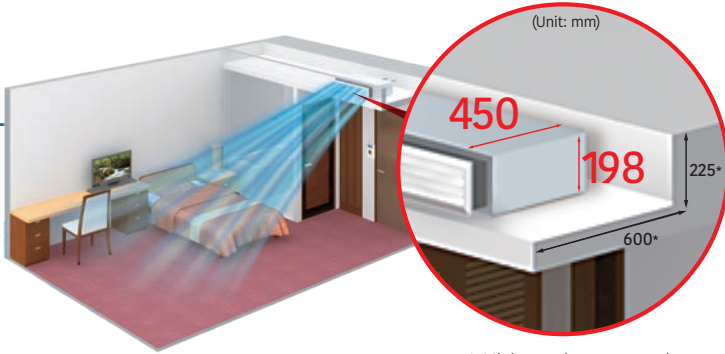


Mini Duct



Space Saving Design

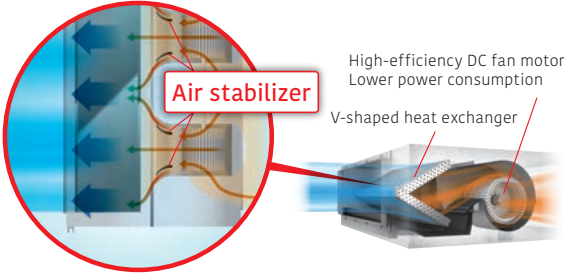
- Fits into a space 198 mm high and 450 mm deep
- 30% smaller than previous-generation models
- Weighs 16 kg, 10% lighter



*: Minimum clearance requirement

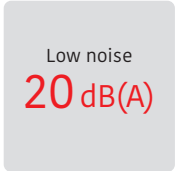
Optimum Airflow Path and Low Noise Operation

The stabilized airflow reduces the noise level significantly.

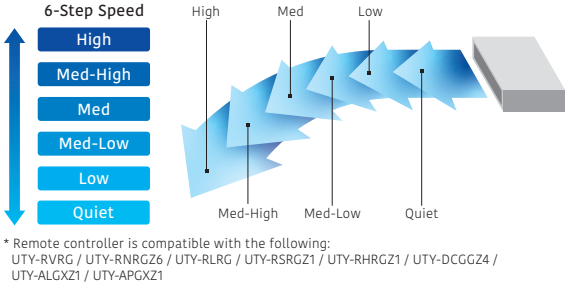


6-Speed Control*

Multistep airflow adjustment allows installation in a quiet location.



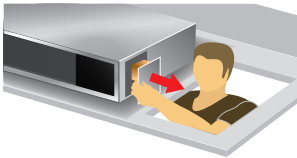
at 04 model



* Remote controller is compatible with the following:
UTY-RVRG / UTY-RNRGZ6 / UTY-RLRG / UTY-RSRGZ1 / UTY-RHRGZ1 / UTY-DCGGZ4 / UTY-ALGXZ1 / UTY-APGXZ1

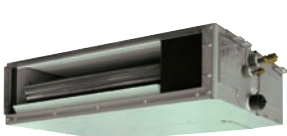
Easy to Design and Maintain for Drain

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, 220-240V~, 50Hz						
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 × 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 "Control System List" and "Optional Parts List."

Remote sensor unit: UTY-XSZXZ1
Silver Ion Filter: UTD-HFTA (004-014)
UTD-HFTB (018)
UTD-HFTC (024)
External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Auto Louver Grille Kit: UTD-GXTA-W (004-014)
UTD-GXTB-W (018)
UTD-GXTC-W (024)

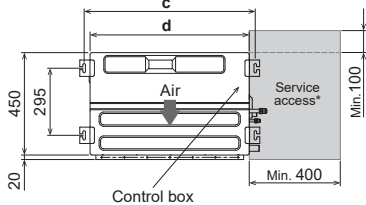
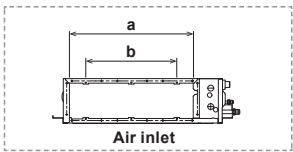
Auto Louver Grille Kit (Optional)

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)



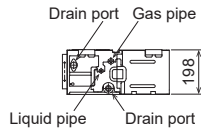
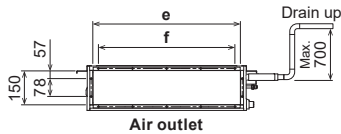
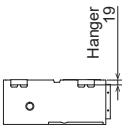
Dimensions

(Unit: mm)



	ARXK004-014GLGH	ARXK018GLGH	ARXK024GLGH
a	575	775	975
b	P200×2=400	P200×3=600	P200×4=800
c	752	952	1,152
d	700	900	1,100
e	650	850	1,050
f	P100×6=600	P100×8=800	P100×10=1,000

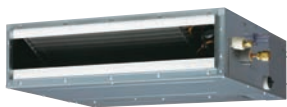
*The design of the service access depends on the installation method. Refer to the installation manual for more information.



Slim Duct/
Slim Concealed
Floor



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



ARXD04GALH
ARXD007/009/012/014GLEH



ARXD018GLEH



ARXD024GLEH

Slim
Concealed
Floor



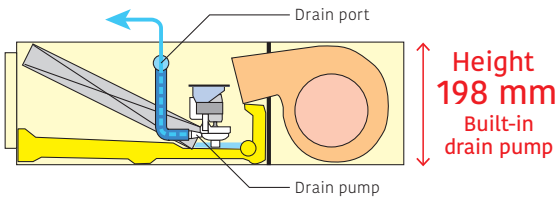
Specifications

Model name			ARXD04GALH*	ARXD007GLEH	ARXD009GLEH	ARXD012GLEH	ARXD014GLEH	ARXD018GLEH	ARXD024GLEH
Power source			Single phase, 220-240V~, 50Hz						
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			25	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.

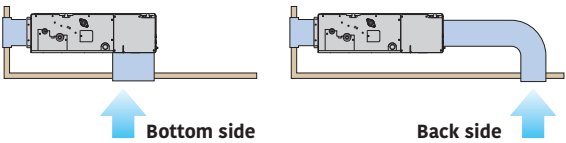
Slim Design

Slim design allows for installation in a tight ceiling space.



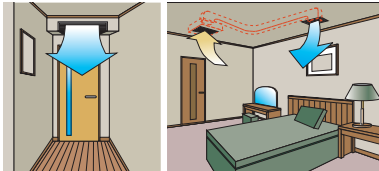
Air Intake

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

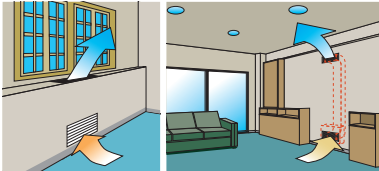


Flexible Installation

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.

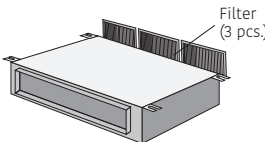
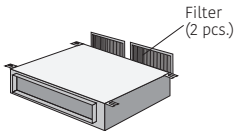


Static pressure range
0 to 90 Pa

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

Filter (Accessory)

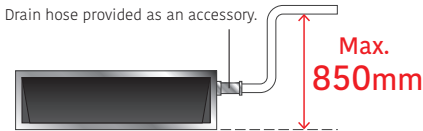
ARXD04/007/009/012/014/018 ARXD024



Optional parts

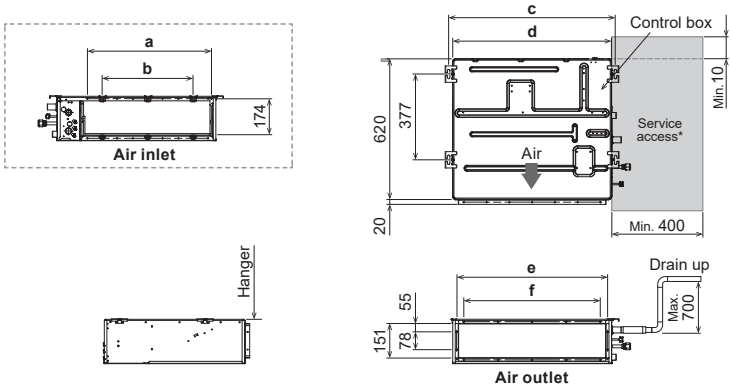
*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Remote sensor unit: UTY-XSZXZ1
Silver Ion Filter: UTD-HFTA (04, 007-014)
 UTD-HFTB (018)
 UTD-HFTC (024)
External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Auto Louver Grille Kit: UTD-GXTA-W (04, 007-014)
 UTD-GXTB-W (018)
 UTD-GXTC-W (024)



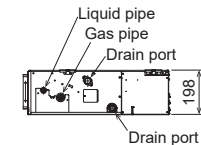
Dimensions

(Unit: mm)



	ARXD04GALH ARXD007-014GLEH	ARXD018GLEH	ARXD024GLEH
a	574	774	974
b	P200×2=400	P200×3=600	P200×4=800
c	734	934	1,134
d	700	900	1,100
e	650	850	1,050
f	P100×6=600	P100×8=800	P100×10=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



Specifications

Model name			ARXP018GLFH	ARXP030GLFH
Power source			Single phase, 220-240V~, 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].

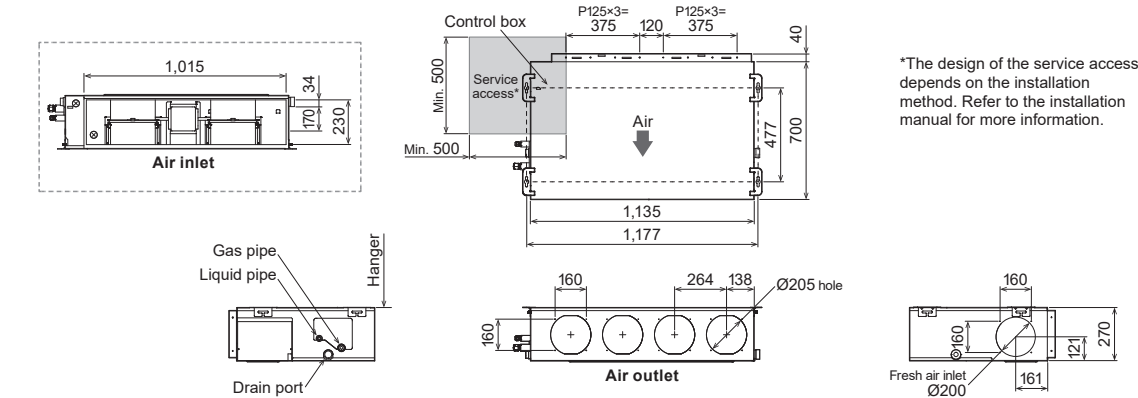
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Long-life filter: UTD-LF25NA	External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD	Drain pump unit: UTZ-PX1NBA
Flange (square): UTD-SF045T	Remote sensor unit: UTY-XSZXZ1	Silver Ion Filter: UTD-HFND
Flange (round): UTD-RF204		

Dimensions

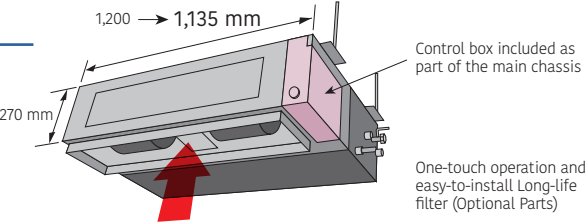
(Unit: mm)



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

Slim & Compact Design

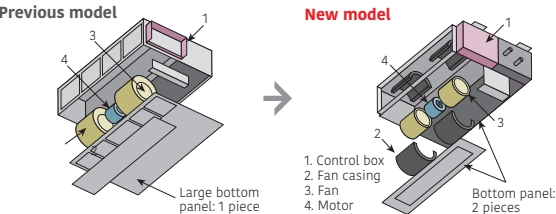
The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



Easy Maintenance

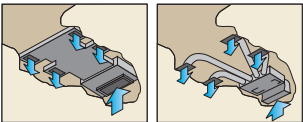
Structural improvement has been developed by making the bottom panel in two pieces, front and rear. The internal fan casing is also manufactured in two pieces—upper and lower. The motor and fan can be easily accessed and maintained by removing the rear panel and the lower casing with the main chassis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

See below for rear-suction type

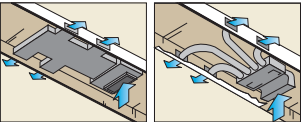


Installation Styles

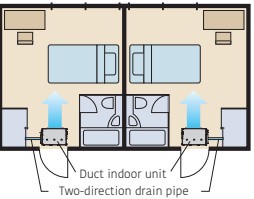
Embedded in Ceiling



Hanging from Ceiling

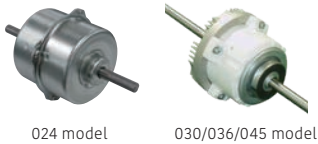


A Drain Pipe can be Installed on Either The Left or Right Side of The Unit



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

Medium Static Pressure Duct



Model: ARXA024GLEH / ARXA030GLEH / ARXA036GLEH / ARXA045GLEH



Specifications

Model name			ARXA024GLEH	ARXA030GLEH	ARXA036GLEH	ARXA045GLEH
Power source			Single phase, 220-240V~, 50Hz			
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].

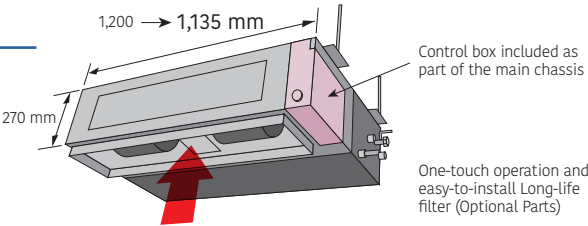
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Long-life filter: UTD-LF25NA	External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD	Drain pump unit: UTZ-PX1NBA
Flange (square): UTD-SF045T	Remote sensor unit: UTY-XSZXZ1	Silver Ion Filter: UTD-HFND
Flange (round): UTD-RF204		

Slim & Compact Design

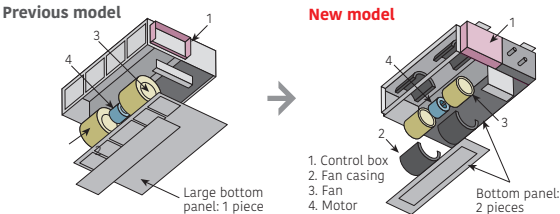
The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



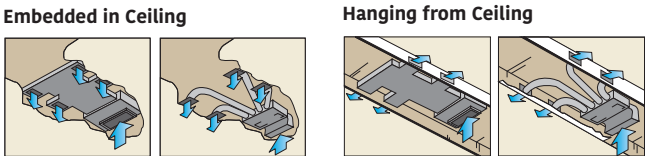
Easy Maintenance

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.

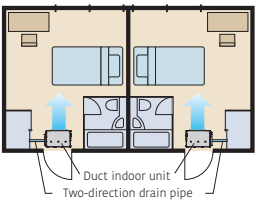
See below for rear-suction type



Installation Styles

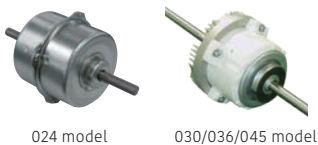


A Drain Pipe can be Installed on Either The Left or Right Side of The Unit



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

Improved motor efficiency from previous model.



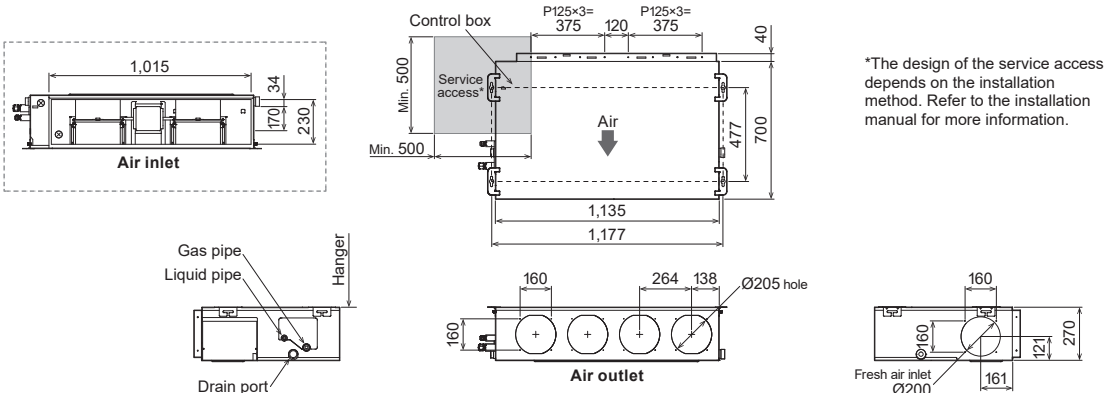
Wide Range of Static Pressures

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

Static pressure range
0 to 150 Pa

Dimensions

(Unit: mm)



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

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, 220-240V~, 50Hz					
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 "Control System List" and "Optional Parts List."

Long-life filter: UTD-LF60KA (036/045/060)
Remote sensor unit: UTY-XSZXZ1

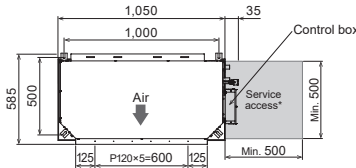
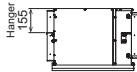
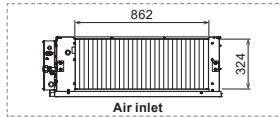
External power supply unit: UTZ-GXXA, UTZ-GXXC,
UTZ-GXXD

Silver Ion Filter:UTD-HFKB (036/045/060)

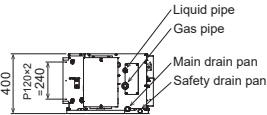
Dimensions

(Unit: mm)

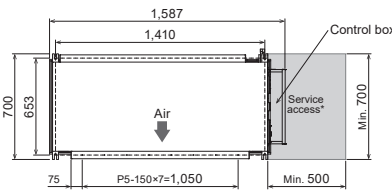
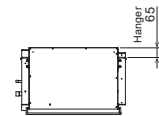
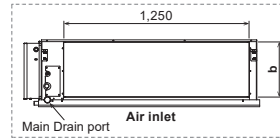
Models: ARXC036/ARXC045/ARXC060



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

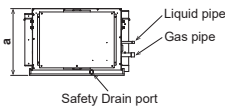


Models: ARXC072/ARXC090/ARXC096



	ARXC072/090GTEH	ARXC096GTEH
a	450	550
b	370	470

*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)

MAX.
200 Pa
(036type)



(ARXC036/045/060 type)

MAX.
250 Pa
(045/060type)



(ARXC072/090 type)

MAX.
300 Pa

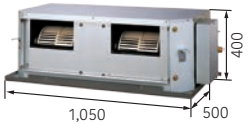


(ARXC096 type)

MAX.
300 Pa

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.



(ARXC036/045/060 type)



(ARXC072/090 type)



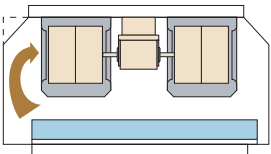
(ARXC096 type)

(Unit: mm)

Low Noise

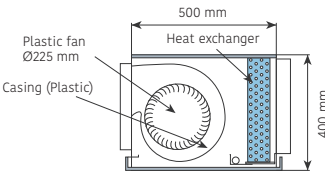
Models: ARXC036/ARXC045/ARXC060

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.



ARXC036GTEH:

Plastic fan [42 dB(A)]
* Model: Material (Actual noise measurement value measured at 100 Pa)



High-Efficiency DC Fan Motor Achieves Low Energy Consumption

Improved motor efficiency compared to the previous model.



(ARXC036/045/060 type)



(ARXC072/090/096 type)

Compact floor



Model: [EEV Internal]
AGHA004GCGH / AGHA007GCGH / AGHA009GCGH
AGHA012GCGH / AGHA014GCGH

[EEV External]
AGHE004GCEH / AGHE007GCEH / AGHE009GCEH
AGHE012GCEH / AGHE014GCEH



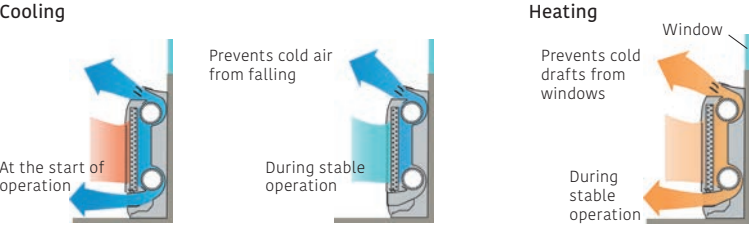
Specifications

Model name			AGHA004GCGH	AGHA007GCGH	AGHA009GCGH	AGHA012GCGH	AGHA014GCGH	AGHE004GCEH	AGHE007GCEH	AGHE009GCEH	AGHE012GCEH	AGHE014GCEH
Power source			Single phase, 220-240V~, 50Hz					Single phase, 220-240V~, 50Hz				
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.

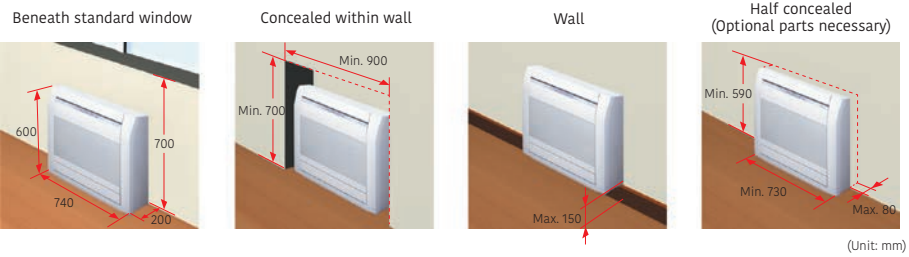
2-Fan and Wide Airflow

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



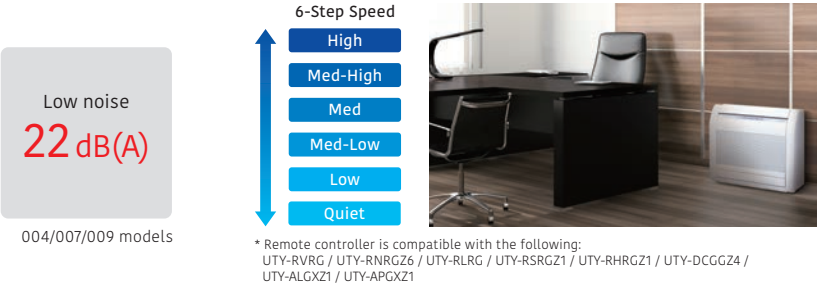
Flexible and Easy Installation

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.



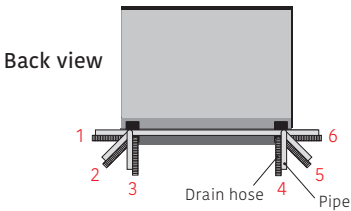
Quiet Operation

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.



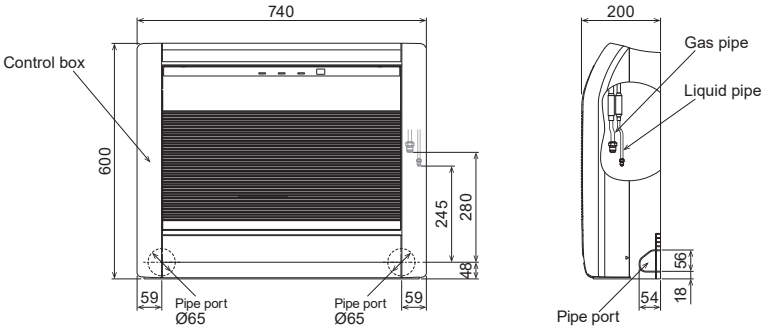
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

Partially concealing kit: UTR-STA
External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Silver Ion Filter: UTR-FA03-5

Dimensions

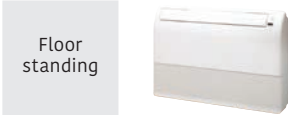
(Unit: mm)



Floor/Ceiling



Model: ABHA012GTEH / ABHA014GTEH / ABHA018GTEH / ABHA024GTEH



Specifications

Model name			ABHA012GTEH	ABHA014GTEH	ABHA018GTEH	ABHA024GTEH
Power source			Single phase, 220-240V~, 50Hz			
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]

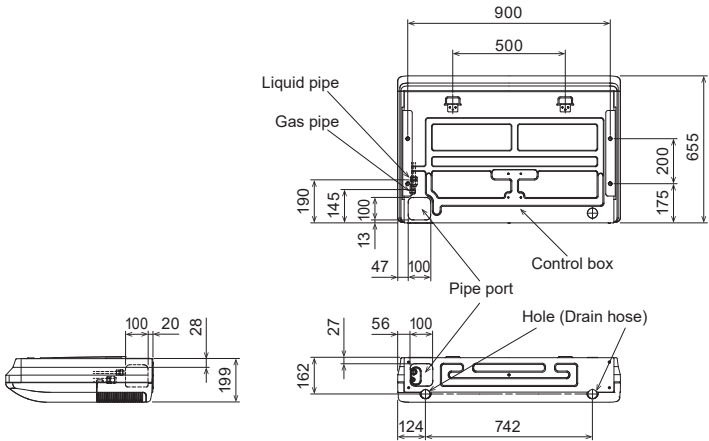
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
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

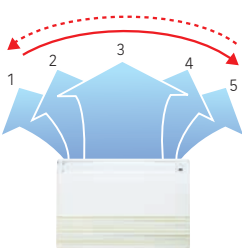
Under ceiling



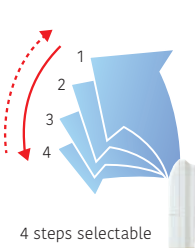
Double Auto Swing

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



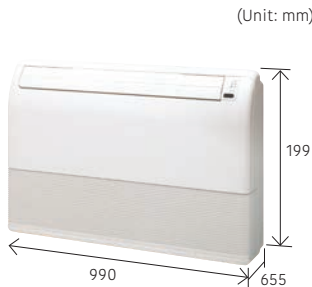
High-Power DC Fan Motor

- High power
- Wide rotation range
- High-efficiency



Compact Design

Symmetrical, slim and compact design.



Ceiling



Model: ABHA030GTEH / ABHA036GTEH / ABHA045GTEH / ABHA054GTEH



Specifications

Model name			ABHA030GTEH	ABHA036GTEH	ABHA045GTEH	ABHA054GTEH
Power source			Single phase, 220-240V~, 50Hz			
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

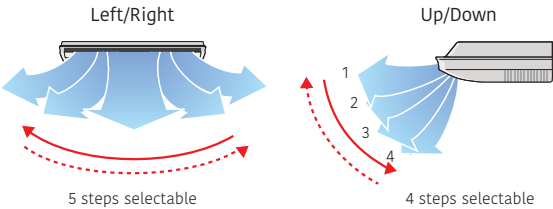
Installation with indoor unit embedded into the ceiling

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



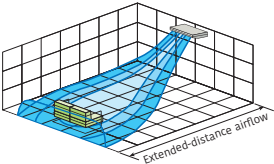
High-Power DC Fan Motor

- High power
- Wide rotation range
- High-efficiency

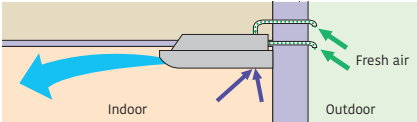


Long Airflow

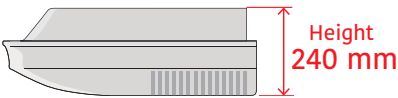
Long airflow provides comfort in every corner of a large room.



Fresh Air Intake



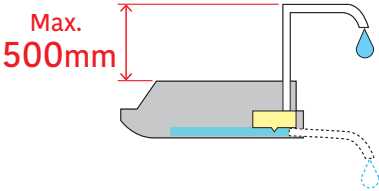
Slim & Compact Design



Optional parts

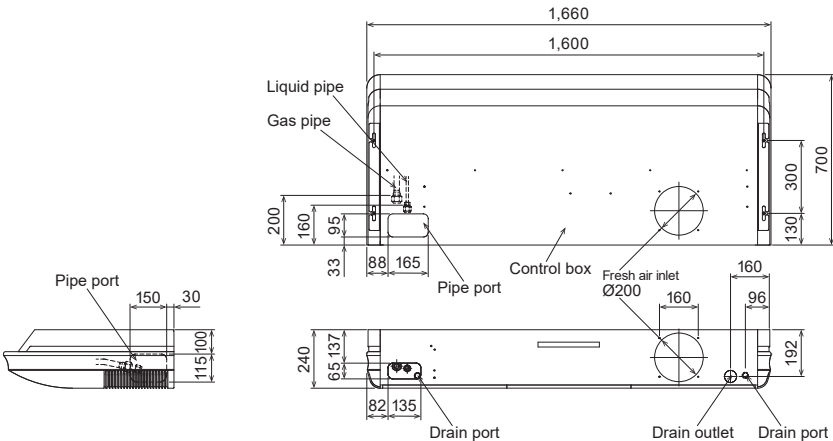
*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

- Drain pump unit: UTR-DPB24T
Flange: UTD-RF204
External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Remote sensor unit: UTY-XSZXZ1



Dimensions

(Unit: mm)



Wall-Mounted



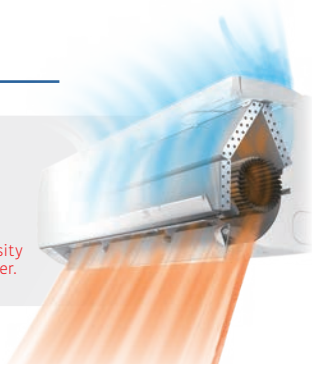
Highly-Efficiency, Compact Design

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.

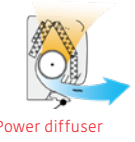
Heating

The vertical airflow provides powerful floor-level heating.



Cooling

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



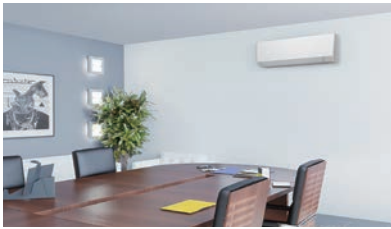
Quiet Operation & 6-Step Fan Speed Control

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

Quiet mode
37 dB(A)

004/007/009 models

- 6-Step Speed
- High
 - Med-High
 - Med
 - Med-Low
 - Low
 - Quiet

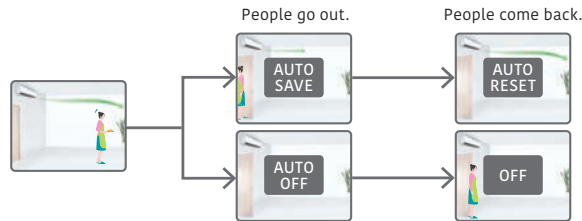


* Remote controller is compatible with the following:
UTY-RVRG / UTY-RNRGZ6 / UTY-RLRG / UTY-RSRGZ1 / UTY-RHRGZ1 / UTY-DCGGZ4 / UTY-ALGXZ1 / UTY-APGXZ1

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]
ASHA004GCGH / ASHA007GCGH / ASHA009GCGH
ASHA012GCGH / ASHA014GCGH

[EEV External]
ASHE004GCEH / ASHE007GCEH / ASHE009GCEH
ASHE012GCEH / ASHE014GCEH



Specifications

Model name			ASHA004GCGH	ASHA007GCGH	ASHA009GCGH	ASHA012GCGH	ASHA014GCGH	ASHE004GCEH	ASHE007GCEH	ASHE009GCEH	ASHE012GCEH	ASHE014GCEH
Power source			Single phase, 220-240V~, 50Hz					Single phase, 220-240V~, 50Hz				
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	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 ASH*004G**H, ASH*007G**H, ASH*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.

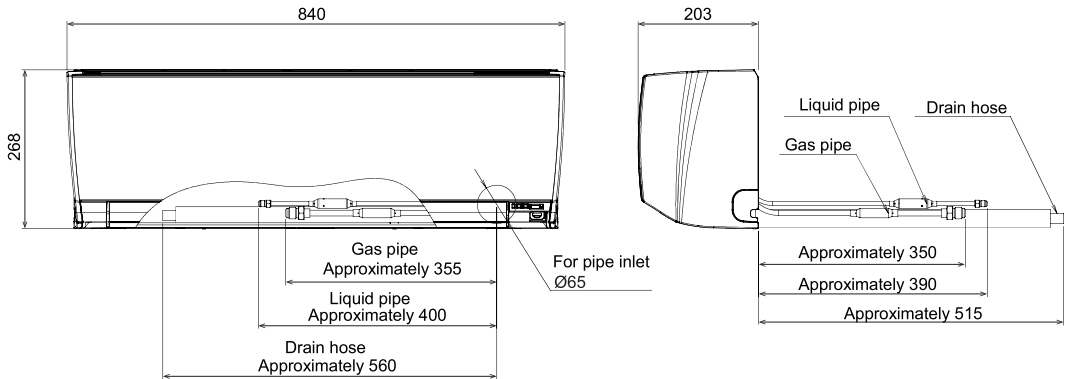
Optional parts

*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Silver Ion Filter: UTR-FA16-5
Remote sensor kit: UTY-XSZXZ1

Dimensions

(Unit: mm)



Wall-Mounted



Model: ASHA18GBCH / ASHA24GBCH
ASHA030GTEH / ASHA034GTEH



ASHA18/24GBCH



ASHA030/034GTEH

Specifications

Model name			ASHA18GBCH	ASHA24GBCH	ASHA030GTEH	ASHA034GTEH
Power source			Single phase, 220-240V~, 50Hz		Single phase, 220-240V~, 50Hz	
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 ASHA18GBCH 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

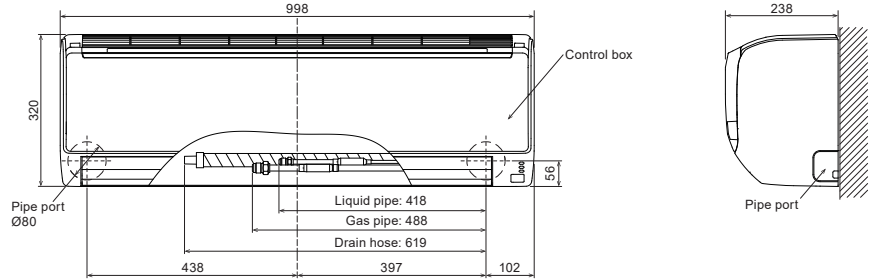
*For more details, please refer to the chapter "Control System List" and "Optional Parts List."

External power supply unit: UTZ-GXXA, UTZ-GXXC, UTZ-GXXD
Remote sensor kit: UTY-XSZXZ1
Silver Ion Filter: UTR-FA13-3

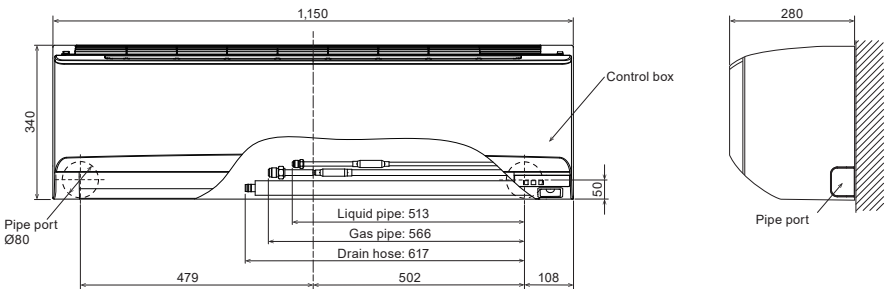
Dimensions

(Unit: mm)

Models: ASHA18/ASHA24



Models: ASHA030/ASHA034



Powerful & Comfort Airflow

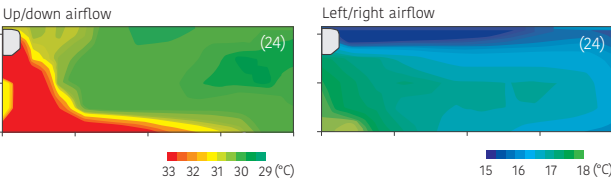
Powerful Airflow

(ASHA030GTEH)



Power diffuser

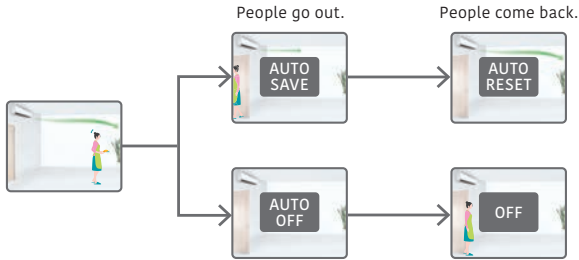
(ASHA18/24GBCH)



The Occupancy Sensor Contributes to Further Energy Savings (ASHA030/034GTEH 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-RVRG / UTY-RNRGZ6 / UTY-RLRG / UTY-RSRGZ1 / UTY-RHRGZ1 / UTY-DCGGZ6 / UTY-ALGXZ1 / UTY-APGXZ1

ОФИЦИАЛЕН ВНОСИТЕЛ ЗА БЪЛГАРИЯ:



Булклима

www.bulclima.com

Централен офис и магазин София

📍 кв. „Лозенец“, бул. „Св.Наум“ 66
☎ 0700 20 223, 02/965 00 65
✉ office@bulclima.com

Складова база София

📍 7-ми километър, ул. „Изворът на Белоногата“ 6
☎ 0700 20 223, 02/965 00 70 (телефон продажби)
✉ sofia@bulclima.com

Складова база Бургас

📍 Северна Промислена зона, ул. „Евлоги и Христо Георгиеви“ 2
☎ +359 882 346 872
✉ burgas@bulclima.com

Складова база Варна

📍 Западна индустриална зона, ул. „Перла“ 26, Логистичен парк БПД Варна
☎ +359 888 578 223
✉ varna@bulclima.com

Складова база Пловдив

📍 Международен панаир, палата 29 В, бул. „България“, вход до пожарната
☎ +359 883 314 223
✉ plovdiv@bulclima.com

Сервиз София

📍 7-ми километър, ул. „Изворът на Белоногата“ 6
☎ 02/965 00 75, +359 884 639 677, +359 888 803 091
✉ service@bulclima.com



General (Thailand) Co., Ltd.

ISO 9001 Certification number: 74 300 4864
ISO 14001 Certification number: 74 220 0026

General (Shanghai) Co., Ltd.

ISO 9001 Certification number: 01 100 79269
ISO 14001 Certification number: CN043800

General Central Air-conditioner (Wuxi) Co., Ltd.

ISO 9001 Certification number: 15923Q20100R7M
ISO 14001 Certification number: 15924E20048R7M

GENERAL SOUTH EAST EUROPE S.A. Co., Ltd.

ISO 9001 Certification number: 00.12.3185

- The products and equipment listed in this catalog contain fluorinated greenhouse gases.
- **GENERAL** is a worldwide trademark of General Inc., and is registered trademark in Japan and other countries and regions.
- iPhone and iPod touch are trademarks of Apple Inc., registered in the United States and other countries.
- "Microsoft," "Windows," and "DirectX" are trademarks of Microsoft Corporation in the United States and other countries.
- "Intesis" is a registered trademark of HMS Industrial Networks in the European Union and is trademarked in the rest of the world.
- "BACnet" is a trademark and registered trademark of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
- "MODBUS" is a registered trademark of Schneider Electric.
- "LONWORKS" and "Echelon" are trademarks of Echelon Corporation registered in the United States and other countries.
- "Adobe" and "Acrobat Reader" are either registered trademarks or trademarks of Adobe in the United States and/or other countries.
- "Android" is a trademark of Google LLC.
- Other company and product names mentioned in this document may be the registered trademarks, trademarks or trade names of their respective owners.
- **PG&Lair** is a worldwide trademark of General Inc.
- "Bluetooth" is a registered trademark of Bluetooth SIG, inc.

