

## Notice for specifications

I.U. = Indoor Unit O.U. = Outdoor Unit Qu = Quiet \* = Not decided yet

- Specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorised dealer.
- Cooling/Heating capacities are based on the following conditions.

Cooling	Indoor temp. : 27°C DB/19°C WB	Heating	Indoor temp. : 20°C DB
	Outdoor temp.: 35°C DB/24°C WB		Outdoor temp.: 7°C DB/6°C WB

- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
- Sound power test is in accordance with EN12102



Fujitsu General (Thailand) Co., Ltd.



ISO 9001 Certified number: 01 100 075229  
ISO 14001 Certified number: 01 104 9245

Fujitsu General (Shanghai) Co., Ltd.



ISO 9001 Certified number: 01 100 79269  
ISO 14001 Certified number: CNBJ312244-UK

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



ISO 9001 Certified number: 15917020073RSM  
ISO 14001 Certified number: 15915E10020R4M

- The products or equipments in this catalogue contain fluorinated greenhouse gases.
- Other company and product names mentioned herein may be registered trademarks, trademarks or trade names of their respective owners.
- "AIRSTAGE" is a worldwide trademark of Fujitsu General Limited, and is a registered trademark in Japan and other countries and regions.
- "FGLair" is a trademark of Fujitsu General Limited worldwide.

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# FUJITSU



## PRODUCT CATALOGUE

AIR CONDITIONERS LINEUP

SPLIT  
MULTI SPLIT

**FUJITSU GENERAL LIMITED**

3-3-17, Suenaga, Takatsu-ku, Kawasaki, Kanagawa, 213-8502, Japan  
www.fujitsu-general.com

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- Living together for our future -

**FUJITSU GENERAL LIMITED**



# OUR SOLUTION for LIFE

Fujitsu General creates high-quality and environmentally-friendly products that provide good comfort in accordance with our basic policy to a "create comfortable environment" by utilizing the air conditioning technology and creativity we have fostered over many years.

## CONTENTS

### 004 OUR MESSAGE

- HISTORY
- WORLDWIDE LOCATIONS
- GLOBAL BUSINESS ACTIVITIES
- PROJECT REFERENCE
- GLOBAL DEVELOPMENT & PRODUCTION BASES
- HIGH QUALITY DEVELOPMENT  
& PRODUCTION FACILITIES

### 018 CORE TECHNOLOGY

- High Efficiency
- High Energy Saving
- More Comfort
- Easy-to-use Control
- Quiet and Comfort Control

## PRODUCT CATEGORY

### SPLIT

- INVERTER Split All Type Lineup
- INVERTER: Models by Country
- INVERTER: Common Models
- Feature Summary

### MULTI-SPLIT

- Outdoor Units Lineup
- Connectable Indoor Units
- 3-unit, 4-unit Multi-split
- 2-unit, 3-unit, 4-unit, 5-unit Multi-split
- Indoor Units Specifications
- Multi-Split Combination Table
- Feature Summary

### CONTROL SYSTEM & OPTIONAL PARTS

- Individual Control
- Control System List
- Optional Parts
- Optional Parts List
- Optional Parts Lineup



# OUR MESSAGE

## INNOVATION & GLOBALIZATION

Providing a Brand New Tomorrow to  
Everyone on Earth

- 006 History
- 008 Worldwide locations
- 010 Global Business Activities
- 012 Project Reference
- 014 Global Development & Production Bases
- 016 High Quality Development & Production Facilities





# History

Yaou Shoten Ltd. established in 1936

## Overseas air conditioning business since 1971

Starts air conditioning business in Japan in 1960

**1971** Air conditioner exports to the Middle East.

**1977** "Super Power, Super Quiet" Series released

**1982** Window type 3 Super Series released

AL/AX Series



**1985** Large wall-mounted type and multi-split air conditioner released.

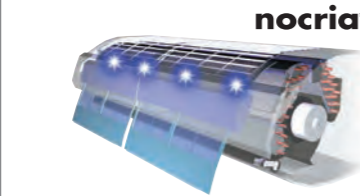
**1991** World's first air conditioner equipped with lambda heat exchanger

**1994** World's first air conditioner with power diffuser

**2001** AIRSTAGE Series released VRF air conditioners for large buildings



**2002** Air conditioner with the world's first automatic self-cleaning filter system



**2004** Standalone Compact VRF AIRSTAGE J Series released



**2006** VRF Heat Pump type Maximum 42 HP AIRSTAGE V Series released



**2009** VRF Heat Pump Modular type Maximum 48 HP AIRSTAGE V-II Series released



**2009** Air to water system released

WATERSTAGE

### For Light commercial use

**2011** High energy-saving type AIRSTAGE J-II Series released

**2014** Compact & lightweight outdoor unit AIRSTAGE J-IIS equipped with a single fan for improved ease of installation

**2016** Compact VRF AIRSTAGE J-III Series with advanced energy efficiency and easy installation released

**2017-19** Compact VRF AIRSTAGE J-IIIIL Series for light commercial use released

**2020** Compact & lightweight outdoor unit AIRSTAGE J-IVL, J-IV, J-IVS Series released



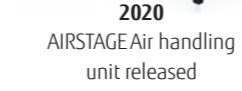
**2019** New cassette style released 3D Flow Cassette

### For Commercial use

**2012** Heat Recovery Modular type AIRSTAGE VR-II Series Maximum 48 HP released



**2014-15** Heat Pump Modular type AIRSTAGE V-III Series Maximum 54 HP for large buildings released



**2020** Heat Recovery type AIRSTAGE VR-IV Series Maximum 48 HP released

### For Residential use

**2011** Hi-spec Design model LT Series & LU Series released

**2017** Flagship Wall-mounted type "nocria X" released

**2017-19** Added to this lineup recently are the environment-friendly R32 refrigerant models. (Split & Multi-split type)



# AIRSTAGE

"Experience beyond expectations"

Introducing AIRSTAGE, a unified global product brand representing lightness, freedom, and airness, ...the Fujitsu General air conditioning experience.

### For Residential use

**Split for Singapore**  
New products released with Wall-mounted and Cassette



**Split for Common Models**  
New products released with Cassette, Duct and Ceiling



1950 ~

1970 ~

2000 ~

2010 ~

2023 What's New

## Manufacturing Company Establishment

**1955** Head Office established in Kawasaki

**1964** Electronic components factory in Ichinoseki



**1977** Air conditioner manufacturing company in Hamamatsu (now Hamamatsu business office)

**1991** Air conditioner manufacturing company in Thailand

**1994** Air conditioner manufacturing company in Shanghai, China

**1998** Air conditioner motor manufacturing company in Thailand

**2006** VRF air conditioner manufacturing, sale, and service company in China

**2007** Air Conditioner Technology Building becomes operational on the premises of the Kawasaki Headquarters. Air conditioner R&D Center in Kawasaki

**2009** Compressor Factory begins operation in Thailand

**2012** Joint venture in Thailand to manufacture compressors

**2016** Commercial use air conditioner R&D Center in Thailand



**2019** New building constructed at Kawasaki Head Office to strengthen development capabilities:

Base for creating new value by combining internal and external knowledge

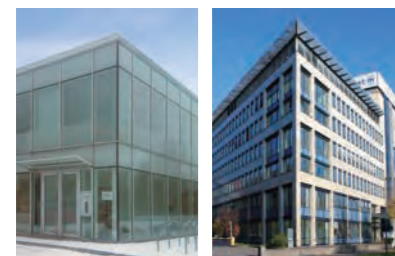


**2020** Building IoT-based manufacturing

Implementing a real-time IoT system to instantly visualize and analyze various information



Fujitsu General (Thailand) Co., Ltd. (Thailand) Factory-2



Fujitsu General (UK) Co., Ltd. (UK)



Fujitsu General (EURO) GmbH

## Sales & service maintenance company established

**1976** North America sales company

**1977** Europe sales company (UK)

**1978** Australia sales company and Europe sales company (Germany)

**1980** Brazil sales company

**1997** Asia sales company (Singapore)

**1998** Middle East sales company (UAE) and New Zealand sales company

**2000** Air conditioner manufacturing and sale technical partnership in India

**2002** Taiwan sales company

**2006** China sales company

**2016** THE AIRSTAGE on Broadway in New York



\*1: Announced 1991. In room air conditioner for the home (Our company's investigation) \*2: Announced 1994. In the category of room air conditioners for the home (Our company's investigation). \*3: Announced 2002. In the category of room air conditioners for the home (Our company's investigation).

\*4: Announced 2018. In room air conditioner for the home (Our company's investigation) \*5: Announced 2012. In room air conditioner for the home (Our company's investigation)





# Worldwide locations

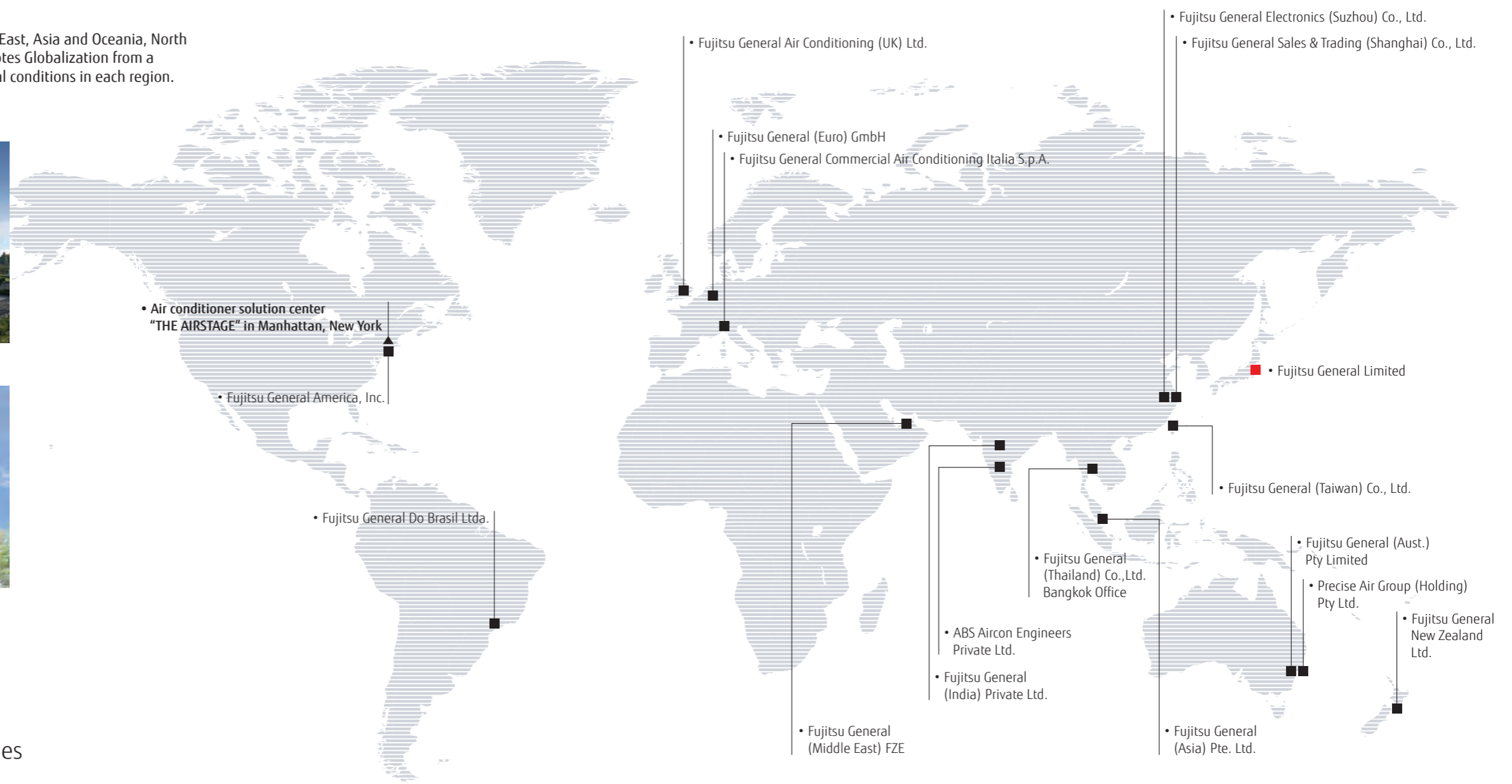
Under a system of five bases in Europe, the Middle East, Asia and Oceania, North and South America, and Japan, the company promotes Globalization from a worldwide perspective while emphasizing the actual conditions in each region.



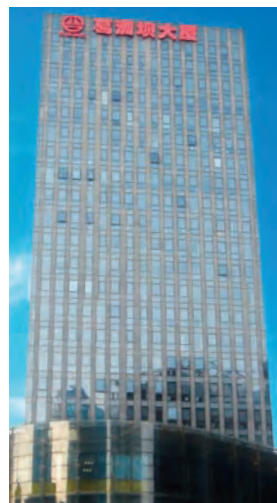
JAPAN Head Office



Technology research building (Japan)



# 15 Overseas Sales Companies



Fujitsu General Sales & Trading (Shanghai) Co., Ltd.



Fujitsu General (Taiwan) Co., Ltd. (Taiwan)



Fujitsu General (Thailand) Co.,Ltd. Bangkok Office (Thailand)



Fujitsu General (Asia) Pte. Ltd. (Singapore)



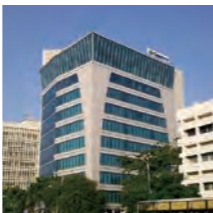
Fujitsu General (EURO) GmbH (Germany)



Fujitsu General Air Conditioning (UK) Ltd. (U.K.)



Fujitsu General Commercial Air Conditioning Italia S.p.A. (Italy)



Fujitsu General (India) Private Ltd. (India)



Fujitsu General (Aust.) Pty Ltd. (Australia)



Precise Air Group (Holding) Pty Ltd. (Australia)



Fujitsu General New Zealand Ltd. (New Zealand)



Fujitsu General (Middle East) FZE (U.A.E.)



ABS Aircon Engineers Private Ltd. (India)



Fujitsu General Do Brasil Ltda. (Brasil)



Fujitsu General America, Inc. (U.S.A.)



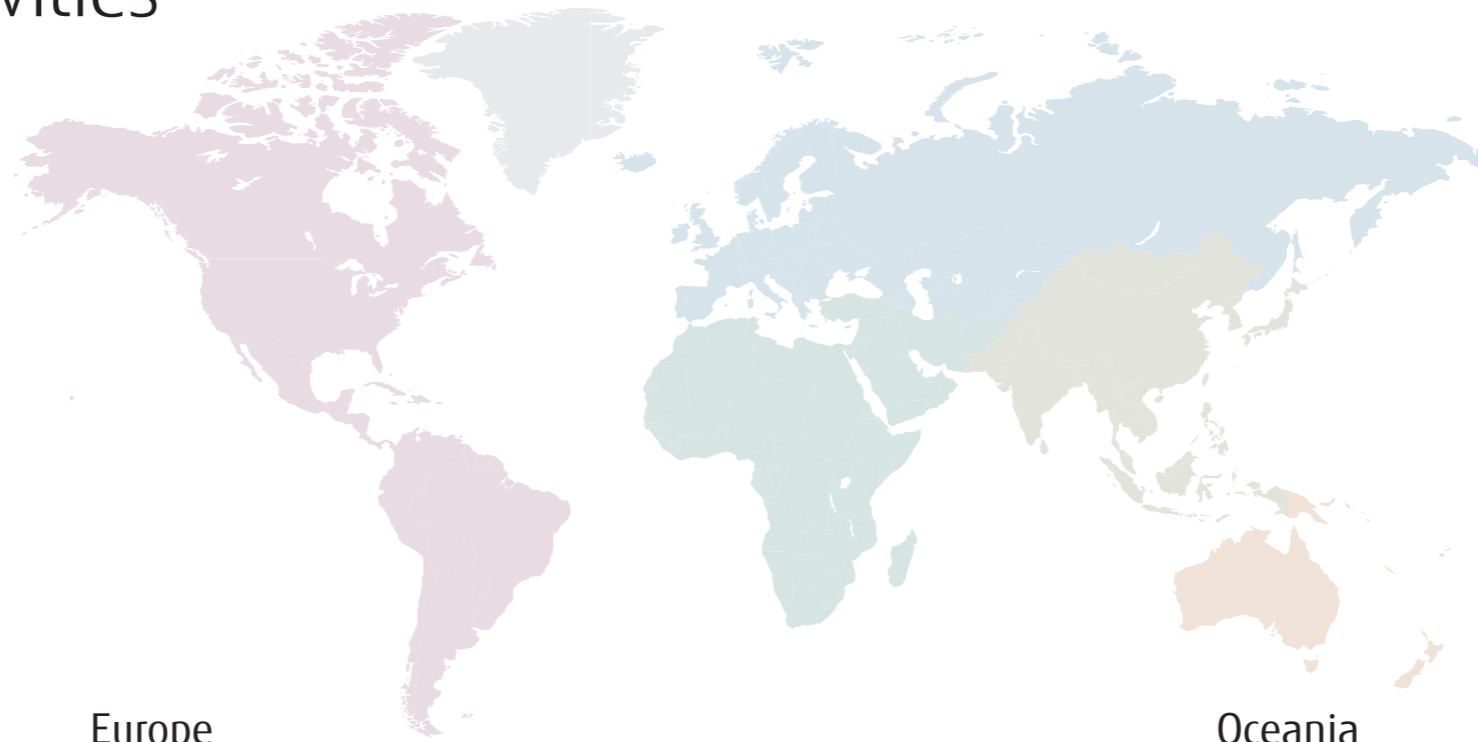
FUJITSU GENERAL SOLUTION CENTER "THE AIRSTAGE" (U.S.A.)





# Global business activities

We have been recognized for our activities in advertising, human resource development and customer service, as well as for our community-based social contribution activities in each region, winning numerous awards and achieving a high level of customer satisfaction.



## North and South Americas



AHR Expo



HVAC trade shows in Brazil



Distributor conference in USA



Call center

## Middle East



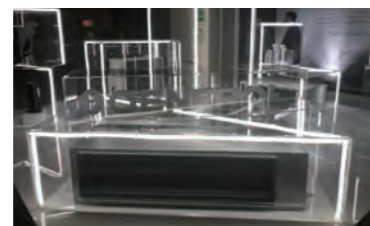
Exhibition



Training in Kuwait



Technical seminar



New product seminar in UAE

## Europe



HVAC trade show in Germany



Training in Germany



HVAC trade show in Germany



Training seminar in Italy



Event in the United Kingdom

## Oceania



HVAC trade show in Australia



Launch event in New Zealand



Launch event in New Zealand

## Asia



Thanksgiving party in Taiwan



Training in India



Opening ceremony in India



New product presentation seminar in Singapore



Service training in Vietnam

## International authoritative design awards



The NEWS Dealer Design Awards



Gold Award (Category: HVAC & PLUMBING) in Reader's Choice Awards



TOP OF MIND 2016 First prize in "MARCA DE EQUIPAMENTO DE AR-CONDICIONADO" category of "CLIMATIZACAO" division



Superbrands is the world's largest independent arbiter of branding.



The iF Product Design Award is given annually by iF International Forum Design GmbH for industrial products from around the world.



The Plus X Award is the world's largest innovation award for technology, sports and lifestyle.



reddot winner 2020

A product design competition that has been held since 1955. Products that win the award are given the "Red Dot" seal, a sign of international recognition of quality.



ProductReview.com.au's annual awards are selected from products and services that have been well-rated by the ProductReview community.



Voted by Australians as the 'Most Trusted Brand' - Air Conditioning Category 5 Years Running



China State Construction Engineering Luban Prize



The Good Design Award is an award sponsored by the Japan Institute of Design Promotion, and is given once a year to items of outstanding design.

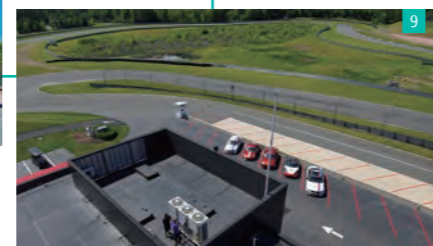
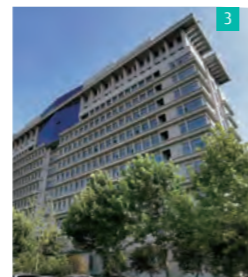




# Project Reference

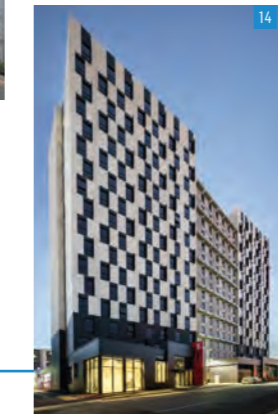
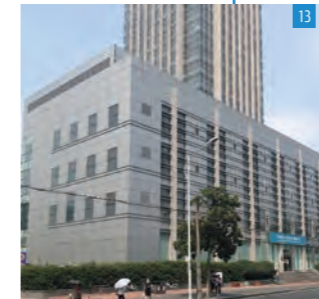
Introduced in over 50 countries worldwide

Highly popular for their excellent quality, energy efficiency, and ease of installation, Fujitsu General's products are installed in a wide range of buildings around the world, including high-rise office buildings, stores, hotels, public facilities, schools, hospitals, and residences.



### For Light commercial use

- 1 Shop in Europe
- 2 Factory in Europe
- 3 School in Asia
- 4 Hospital in Asia
- 5 Office in Asia
- 6 Shop in Oceania
- 7 Office in Oceania
- 8 School in the Middle East
- 9 Public facility in the United States



### For Commercial use

- 10 Public Square in Asia
- 11 Office in Asia
- 12 Hotel in Asia
- 13 Public facility in Asia
- 14 Apartment in Oceania
- 15 Apartment in Oceania
- 16 Hotel in the Middle East
- 17 Hotel in the Middle East



### For Residential use

- 18 Villa in the Africa
- 19 Residence in Oceania
- 20 Residence in the United States
- 21 Villa in the Middle East





# Global Development & Production Bases

We have established R&D bases in five countries from Japan, Europe, Asia, China, and North America to pursue environmental properties and comfort according to the needs of each region.

- Head office
- R&D center
- Manufacturing companies

## R&D center & Technology Research Building



R&D center in Fujitsu General (EURO) GmbH (Germany)



North America R&D Center (USA)



Fujitsu General Air Conditioning R&D (Thailand) Co., Ltd. (Thailand)



R&D center in Fujitsu General (Shanghai)

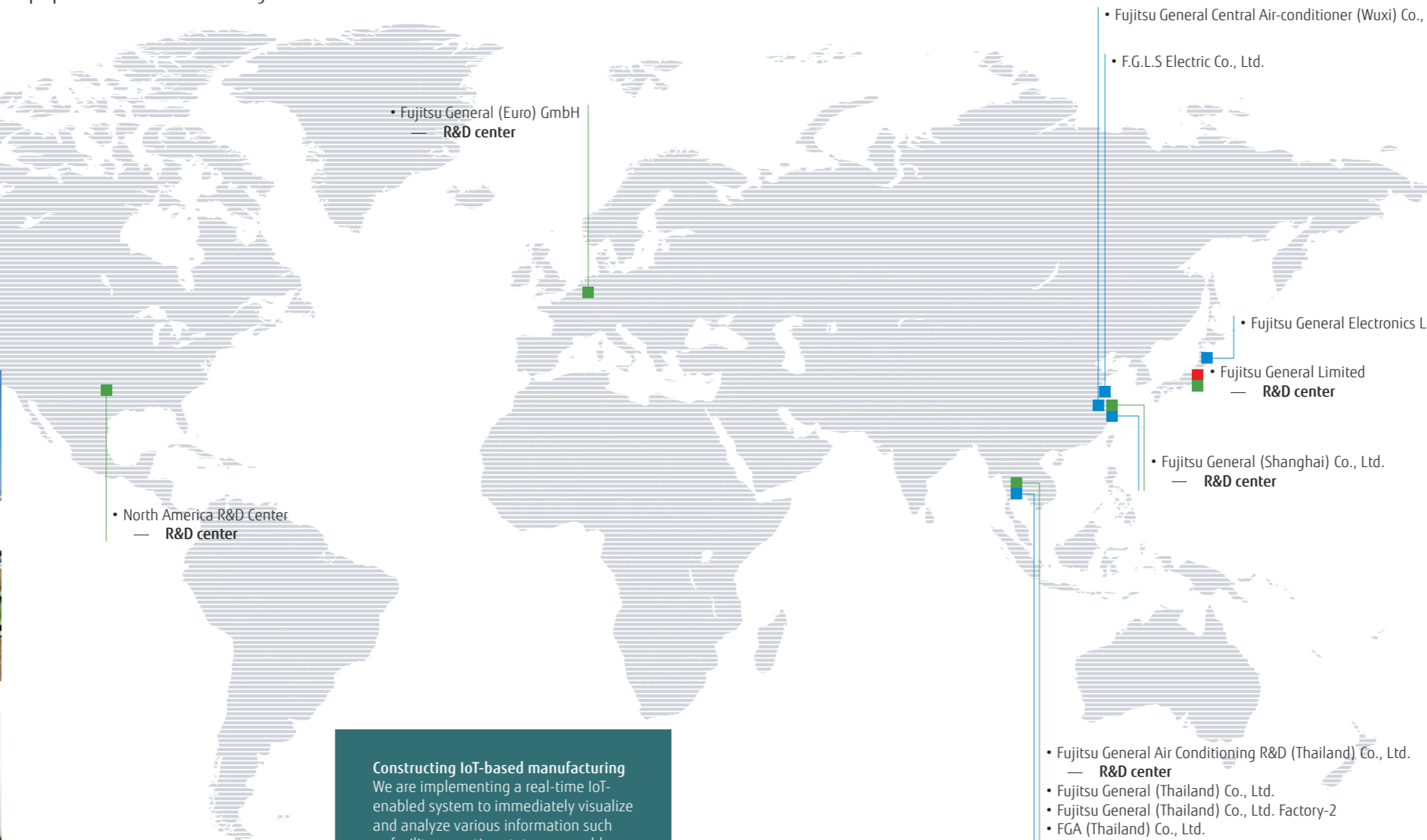


JAPAN Head office, R&D center and 60 m height difference testing tower (Japan)

## Technology research building in Japan Head office



**Constructing IoT-based manufacturing**  
We are implementing a real-time IoT-enabled system to immediately visualize and analyze various information such as facility operating status, assembly line production progress, and parts inventory and transportation status. This will further enhance the accuracy of production and shipping forecasts in the Head Office and factory management departments. The system will also help improve activities by employees at production sites, with the aim of improving the efficiency of the production process, the efficiency of parts distribution operations, and the utilization rates of the facilities.



• Fujitsu General (Euro) GmbH  
— R&D center

• North America R&D Center  
— R&D center

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

• F.G.L.S Electric Co., Ltd.

• Fujitsu General Electronics Ltd.

• Fujitsu General Limited  
— R&D center

• Fujitsu General (Shanghai) Co., Ltd.  
— R&D center

• Fujitsu General Air Conditioning R&D (Thailand) Co., Ltd.  
— R&D center

- Fujitsu General (Thailand) Co., Ltd.
- Fujitsu General (Thailand) Co., Ltd. Factory-2
- FGA (Thailand) Co., Ltd.
- TCFG Compressor (Thailand) Co., Ltd.

## Overseas manufacturing companies



Fujitsu General (Shanghai) Co., Ltd. (China)



F.G.L.S. Electric Co., Ltd. (China)



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



Fujitsu General Electronics Ltd. (Japan)



Fujitsu General (Thailand) Co., Ltd. (Thailand) Factory-2



Fujitsu General (Thailand) Co., Ltd. (Thailand)



Fujitsu General Air Conditioning R&D (Thailand) Co., Ltd. (Thailand)



FGA (Thailand) Co., Ltd. (Thailand)



TCFG Compressor (Thailand) Co., Ltd. (Thailand)





# High Quality Development & Production Facilities

## Advanced Research Facility and Equipment

### Performance Testing



**Air Volume Measurement Room**  
Measure air volumes of the air conditioners from compact room air conditioner models to VRF.



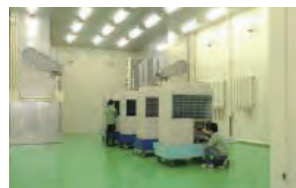
**Calorimeter**  
Measure the cooling/heating capacity by measuring the inlet and outlet temperatures, humidity, and air volume of the air conditioner.



**Silent Room**  
Measure the operating sounds of air conditioners with the sound reflection-proof walls and ceiling.

Fujitsu General is one of Japan's leading manufacturers with an R&D Center in Japan. We provide customers with the highest quality and performance using these facilities.

### Reliability Testing



**Constant Temperature Room**  
Check on the product performance in cooling/heating operation under the various temperature and humidity conditions.



**Practical Test Room**  
Check on whether the air conditioners performance under the actual house conditions is sustainable.



**Shower Test Room**  
Check on whether the electrical box of the outdoor unit is protected by rain waters with Typhoon like wind.

### Transportation & Handling



Compressibility testing



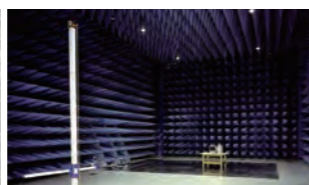
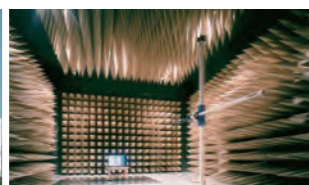
Vibration testing



Technology Research Building in Japan Head Office

## Testing Laboratory

Fujitsu General EMC Laboratory Limited



### 60 m Height Difference Testing Tower

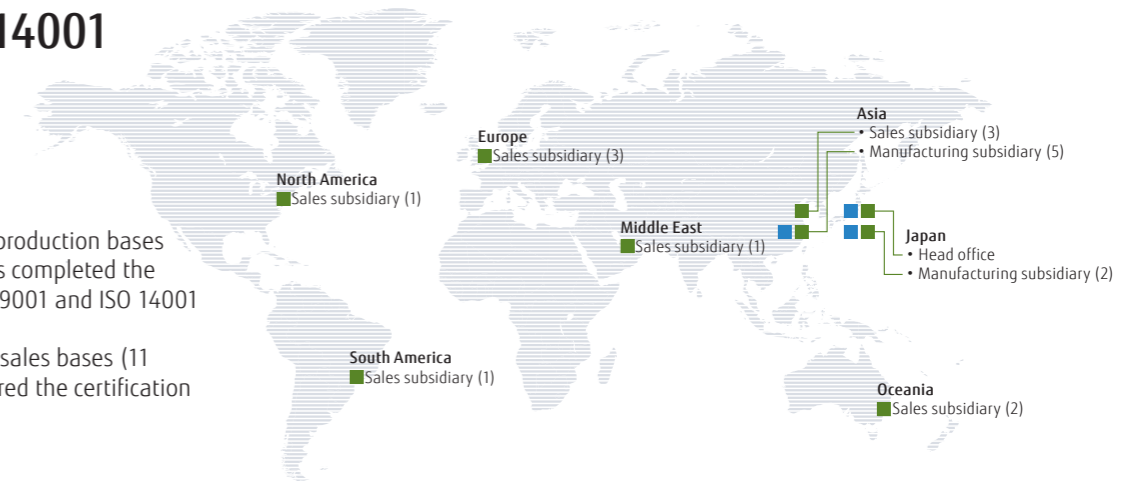
Objective is to confirm oil circulation of compressor for reliability



## Acquisition of ISO 9001 and ISO 14001

■ ISO 9001  
■ ISO 14001  
( ) Number of companies

Each of overseas production bases (5 companies) has completed the acquisition of ISO 9001 and ISO 14001 individually. In 2012, overseas sales bases (11 companies) acquired the certification of ISO 14001.



## High Product Quality Assurance

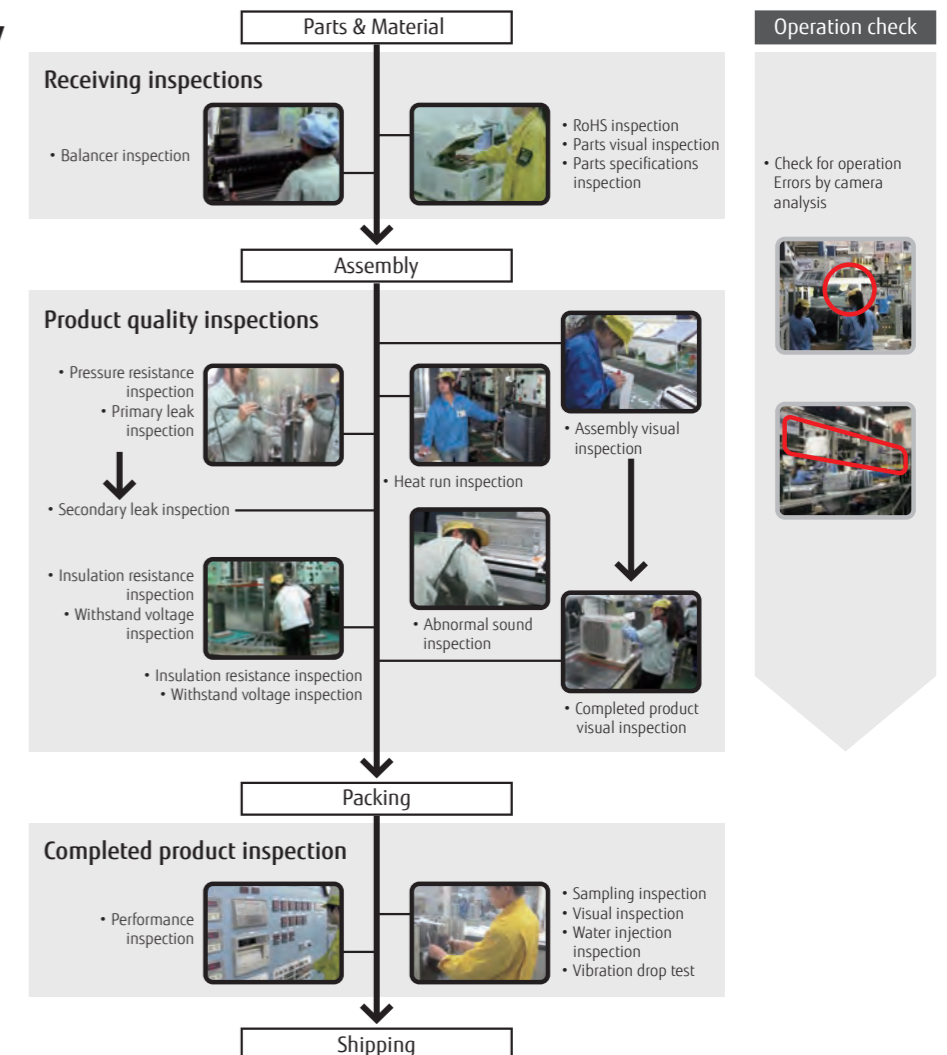
All Fujitsu General factories have acquired ISO 9001, and have built a quality control system common around the world. High quality products are offered to all over the world based on stringent quality inspections.

### Receiving inspection

Parts procurement requires a supplier's test report. European regulation RoHS inspection is also performed by special test department in-house. Total number inspection is performed especially on main parts to remove defectives.

### Stringent product quality inspection

Stringent quality inspection is carried out at all production processes. High quality is maintained by stringent checks by inspectors and repetitive inspection.





# CORE TECHNOLOGY

Our advanced technology is providing comfort in a wide variety of situations from residential applications to commercial use.

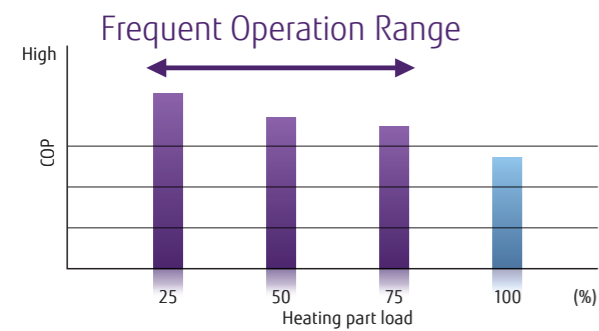
- 020 High Efficiency
- 022 High Energy Saving
- 024 More Comfort
- 026 Easy-to-use Control
- 028 Quiet and Comfort Control
- 029 Feature Explanation



# High Efficiency

## Pursuit of Seasonal Efficiency

Over 90% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. We focused on high seasonal efficiency by all DC inverter control and high efficiency technology.

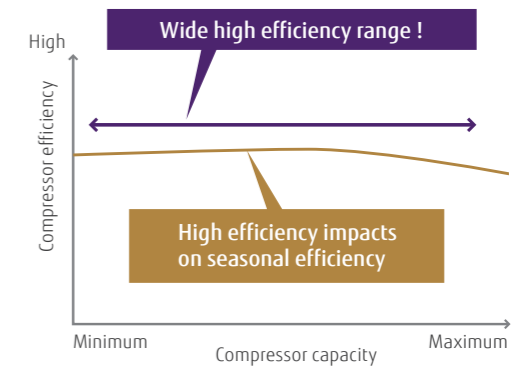
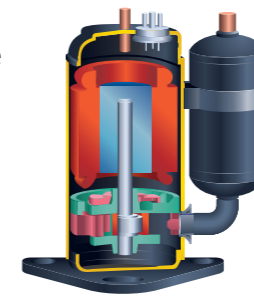


DC Twin Rotary Compressor

## All DC Inverter Technology

### ALL DC DC twin rotary compressor

The high efficiency DC inverter type "2-cylinder rotary compressor" is used for our product ranges. It has achieved higher energy efficiency compared with similar compressors by optimizing the structure inside the compressor.



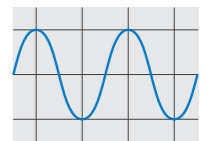
### DC fan motor

DC fan motor produces high power, wide operation range, and high efficiency.



### Sine-wave DC inverter control

High efficiency operation is realized by using a sine wave DC inverter control.



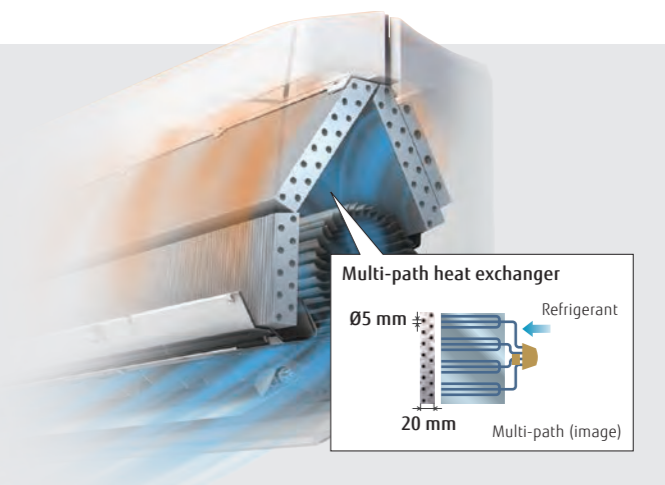
## Heat Exchanger for Wall Mounted

### High density multi-path heat exchanger

Heat exchange performance is substantially improved by thin and high-density heat exchanger and multi-path efficiency technology.

### High performance sub-cool heat exchanger

Higher performance achieved by mounting of counter type bypass circuit. (Large multi-split type, VRF)





# High Energy Saving

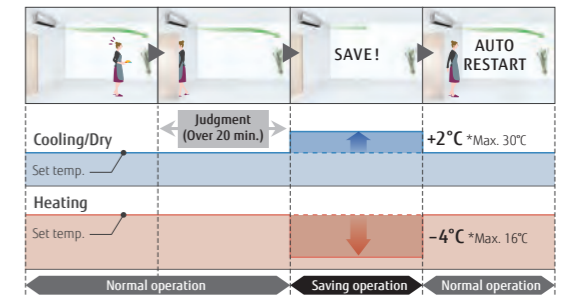


## Smart Operation



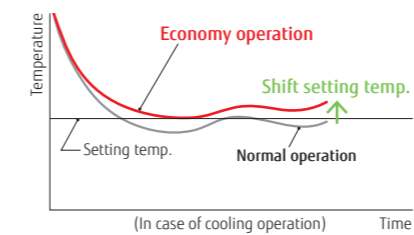
### Save occupancy sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



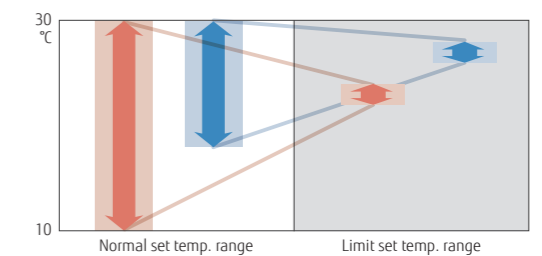
### Economy operation

Limits the maximum operation current, and the power consumption is cut down and the maximum load is suppressed.



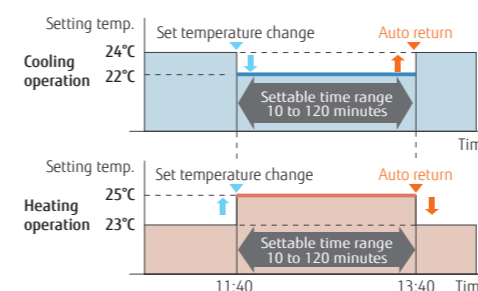
### Room temperature set point limitation

The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.



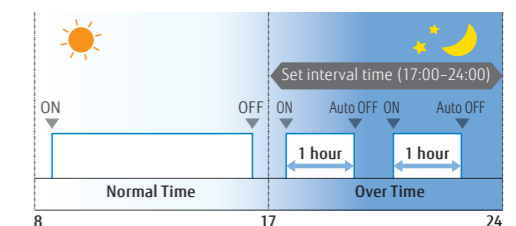
### Set temperature auto return

- The setting temperature automatically returns to the previous setting temperature.
- The time range in which the set temperature can be changed is 10 to 120 minutes.



### Auto-off timer

- The indoor unit is turned off automatically when it reaches to the preset operating time frame.
- The time frame of the "Auto off timer" can be flexibly scheduled.
- Off time can be set from 30 to 240 minutes.





# More Comfort

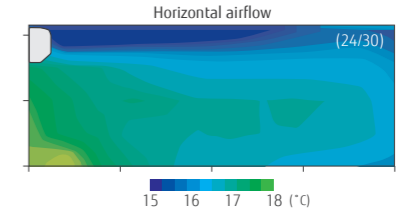
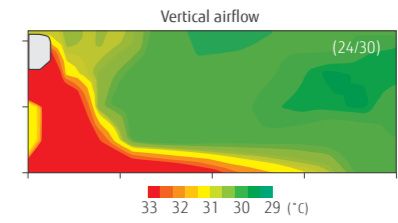


## Quick Comfort



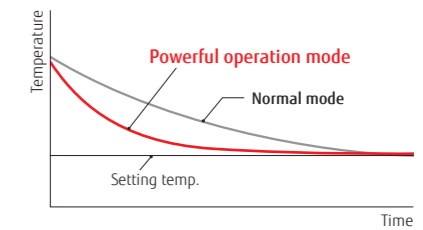
### Power diffuser

Precision wind direction control is realized and ventilation efficiency is also improved by 3 technologies. Our airflow control makes your environment more comfortable.



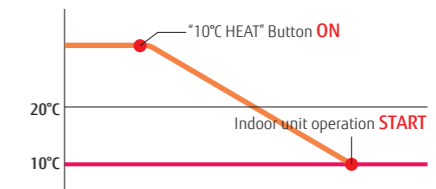
### Powerful operation

Continuous operation by maximum airflow and maximum compressor speed after a certain period of time allows the temperature to reach the setting temperature quickly.



### 10°C Heat operation

When you leave, minimum heating operation is performed to maintain the room temperature. (Maintained at 10°C)



### Uniform air conditioning

Circular airflow to achieve uniform air conditioning without temperature unevenness in workspaces



# Easy-to-use Control



User-friendly screen display enables easy operation. With the WLAN adapter and the FGLair app, you can control the heating and cooling of your home anytime, anywhere.

## Fujitsu General provides Wireless LAN control

By using our Wireless LAN Interface and FGLair app, you can control your home's cooling and heating anytime.



### Wireless LAN Interface

The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.



**Download Free**





### User friendly app

User friendly screen display facilitates easy operation.



## Various Easy-to-use Controllers

Fujitsu General is using ergonomics to expand the use of easy-to-use designs such as easy-to-read large LCD panels, easy-to-operate buttons, and displays with easily recognizable icons.

The individual controllers match the user operational environments, and the home controller makes batch energy saving management easy. Ease of use was pursued using simple operation buttons, a large LCD screen, and other features.

### Residential use



### Home central control



Central Remote Controller

### Simple individual control



Wired Remote Controller



Simple Remote Controller



Wired Remote Controller



Slim Wireless Remote Controller

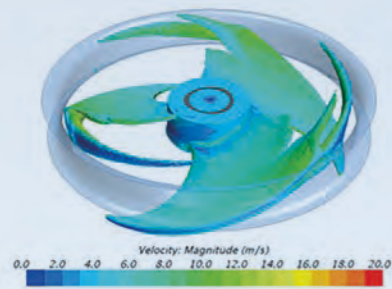


# Quiet and Comfort Control

## Low Noise Technology

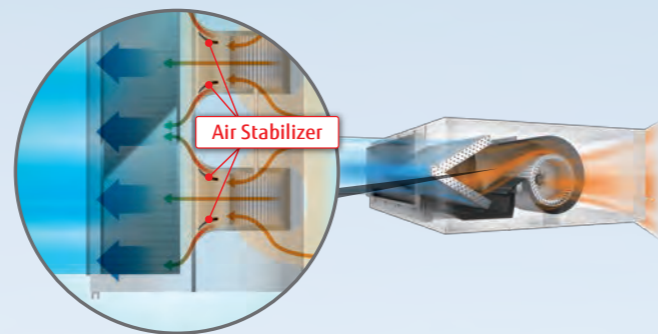
### Outdoor unit Fan

Outdoor unit fan design with little separation vortex, fan control to minimize the air volume and top class low noise



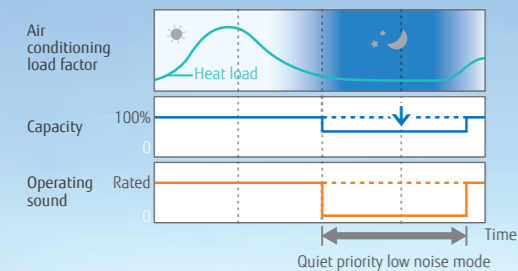
### Air Stabilizer in Duct

Low noise duct structure with a built-in air stabilizer



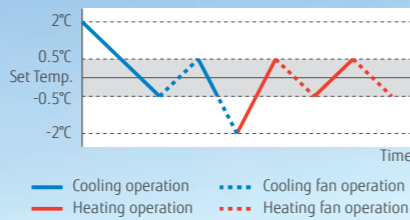
### Outdoor unit low noise operation

Users can choose low noise levels, depending on the installation environment. The operation time can be set using the timer.



### Auto-changeover function

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



### Fresh air intake for Cassette, Duct, Ceiling

Fresh air can be taken in by a fan which can be connected using external control unit.



## Feature Explanation

### Energy Saving Function

- Save occupancy sensor**  
Human sensor detects the movement of people in the room and judges whether the energy saving operation.
- Room temperature set point limitation**  
The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.

- Set temperature auto return**  
The setting temperature automatically returns to the previously set temperature.

- Economy operation**  
Limits the maximum operation current, and performs operation with the power consumption suppressed.

### Comfortable Function

- Power diffuser**  
An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.
- Outdoor unit low noise operation**  
Sound noise level of outdoor unit can be selected.
- Double swing automatic**  
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.
- Connectable fresh air duct**  
Outside air can be introduced by attaching Locally purchased duct to fresh air knockout and optional part.
- Individual airflow direction control**  
Each louver of 4-way Cassette type can be controlled individually and provides comfortable airflow.

- Powerful operation**  
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.

- 10°C HEAT operation**  
The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

- Auto-changeover**  
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

- Up/down swing flaps**  
The up/down flaps automatically swing up and down.

- Automatic fan speed**  
The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.

- Auto restart**  
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once power supply is restored.

- Fresh air intake**  
Fresh air can be taken in by a fan which can be connected using external control unit.

- Connectable distributing duct**  
Systems are capable of attaching Locally purchased branch ducts distributing the airflow.

### Convenient Function

- Auto off timer**  
Automatically stops operation when a fixed time has elapsed from the start of operation.
- Weekly timer**  
Different ON-OFF times can be set for each day.
- External error output**

- Sleep timer**  
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

- Program timer**  
This digital timer allows selection of one of four options: ON, OFF, ON + OFF or OFF + ON.

- Weekly + setback timer**  
Weekly + Setback timer can set temperature for two times spans and for each day of the week.

- Filter sign**  
Indicates the filter cleaning period by lamp.

- External ON/OFF input**

- Wireless LAN control**  
The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

### Clean Function

- Ion deodorization filter**  
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.
- Washable panel**  
Since the front panel is easy to remove, maintenance is also easy.
- Silver ion filter II (PM2.5 + Anti Virus)**  
Clean the air firmly catch the particles of 0.3 ~ 2.5 μm. \*PM 2.5 is a general term for micro particulate matter less than 2.5 μm.

- Apple-catechin filter**  
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.

- Long life filter**

- PM 2.5 Filter**  
Clean the air firmly catch the particles of 0.3 ~ 2.5 μm. \*PM 2.5 is a general term for micro particulate matter less than 2.5 μm.

- Silver Ion Filter**  
The Silver ion filter helps to keep indoor air free from viruses, bacteria and molds.

### Installation

- Drain pump as standard**

- Blue fin**

**ALL DC** All DC models



## PRODUCT CATEGORY

# SPLIT



Energy saving design to provide a comfortable indoor environment while being environment-friendly.

An air conditioner that is people-friendly is also environment-friendly. Fujitsu General offers a broad lineup of products from large living rooms to bedrooms and children's rooms. We make your room more comfortable with a wide range of air conditioner types from ceiling wall type with automatic filters and cleaning functions to wall mounted type that improve the air cleaning function. Of course these models feature highly efficient operation that conserves electricity.

### S-002 **INVERTER Split All Type Lineup**

### S-004 **INVERTER: Models by Country**

For Singapore  
For Vietnam

### S-012 **INVERTER: Common Models**
















Compact Cassette  
Circular Flow Cassette  
Ceiling  
Slim Duct  
Medium Static Pressure Duct  
High Static Pressure Duct  
Big Duct





























### S-030 **Feature Summary**





# Split All Type Lineup

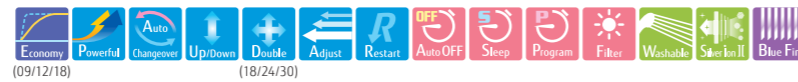
INVERTER : Models by Country			Class										
Type	Refrigerant	Model	9	12	18	24	30	36	45	54	60	72	90
 for Singapore	Wall Mounted	 Cooling only    	ASAG09CMTA	ASAG12CMTA	ASAG18CMTA	ASAG24CMTA	ASAG30CMTA						
	Circular Flow Cassette	 Cooling only  				AUAH24CRLA		AUAH36CRLA					
 for Vietnam	Wall Mounted	 Cooling only   	ASAG09CPTA-V	ASAG12CPTA-V	ASAG18CPTA-V	ASAG24CPTA-V							
		 Cooling only Heating & Cooling 	ASAG09LLTB-V	ASAG12LLTA-V									

INVERTER : Common Models			Class										
Type	Refrigerant	Model	9	12	18	24	30	36	45	54	60	72	90
Compact cassette	 Heating & Cooling  				AUXG18KVLA	AUXG24KVLA							
	 Heating & Cooling 				AUYG18LVLB	AUYG24LVLA							
Circular Flow Cassette	 Heating & Cooling   				AUXG18KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB			
Ceiling	 Heating & Cooling    				ABYG18KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA				
Slim Duct	 Heating & Cooling  				ARXG18KLLAP								
Medium Static Pressure Duct	 Heating & Cooling  					ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA				
High Static Pressure Duct	 Heating & Cooling  								ARXG45KHTB	ARXG54KHTB			
	 Heating & Cooling 										ARYG60LHTA		
Big Duct	 Heating & Cooling  										ARYG72LHTA	ARYG90LHTA	



NEW

# Wall Mounted



Model: ASAG09CMTA / ASAG12CMTA / ASAG18CMTA / ASAG24CMTA / ASAG30CMTA



### Specifications

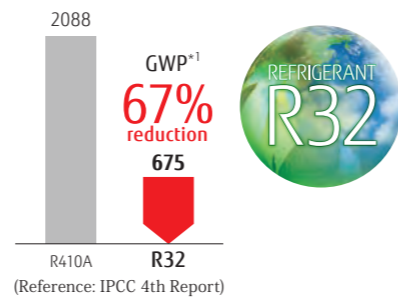
Model No.	Indoor unit		ASAG09CMTA	ASAG12CMTA	ASAG18CMTA	ASAG24CMTA	ASAG30CMTA
	Outdoor unit		AOAG09CMTA	AOAG12CMTA	AOAG18CMTA	AOAG24CMTA	AOAG30CMTA
Power Source		V/Ø/Hz	230/1/50				
Capacity	Cooling	BTU/h	9,500 (3,070-14,300)	11,900 (3,070-15,500)	17,400 (5,500-23,100)	20,400 (6,000-26,600)	24,200 (9,700-31,500)
		kW	2.79 (0.90-4.19)	3.50 (0.90-4.54)	5.10 (1.61-6.77)	5.99 (1.76-7.79)	7.10 (2.84-9.23)
Input Power	Cooling	kW	0.54	0.72	1.12	1.34	1.65
EER	Cooling	W/W	5.17	4.86	4.55	4.47	4.3
Running Current	Cooling	A	3.0	3.7	5.2	6.1	7.6
Moisture Removal		l/h	0.48	0.77	1.26	0.88	1.37
Sound Pressure (Cooling)	Indoor (H/M/L/Q)	dB(A)	39/35/30/20	43/35/30/20	47/42/36/30	45/39/34/30	49/45/40/32
	Outdoor		46	48	54	54	55
Airflow Rate (Cooling)	Indoor (H/M/L/Q)	m³/h	670/560/430/250	760/560/430/250	1010/850/630/500	1130/900/740/660	1360/1130/960/720
	Outdoor		2,000	2,210	3,040	3,240	4,150
Net Dimensions H x W x D	Indoor / Grille	mm	270 x 834 x 222	270 x 834 x 222	280 x 980 x 240	340 x 1150 x 280	340 x 1150 x 280
			kg(lbs)	10(22)	10(22)	12.5(28)	16(35)
Net Weight	Outdoor	kg(lbs)	632 x 799 x 290	632 x 799 x 290	716 x 820 x 315	716 x 820 x 315	788 x 940 x 320
			35(77)	35(77)	41(90)	41(90)	53(117)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	13.8 / 15.8 to 16.7	13.8 / 15.8 to 16.7	13.8 / 15.8 to 16.7	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	30 (15)	30 (15)	50 (20)
Max. Height Difference		m	15	15	25	25	30
Operation Range	Cooling	°CDB	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46
Refrigerant			R32	R32	R32	R32	R32

Note : Specifications are based on the following conditions.  
Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

### Adopting new R32 refrigerant

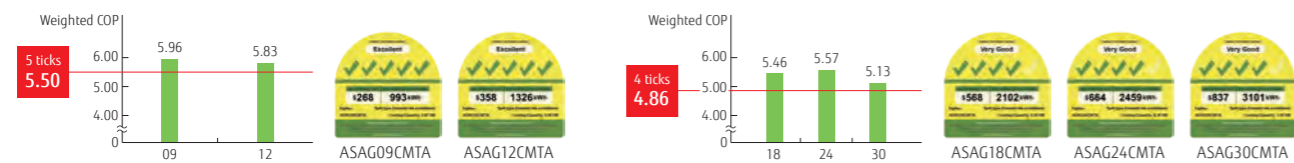
R32 refrigerant is an environmentally friendly refrigerant with a significantly lower Global Warming Potential (GWP) than conventional refrigerant.

\*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

New models have achieved the top energy efficiency level (5 ticks) by inverter technology.



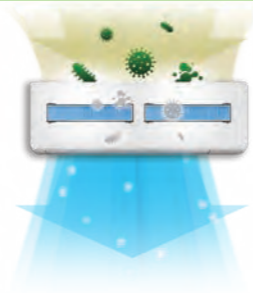
### PM2.5 + Anti-virus filter

The filter inhibits the activities of viruses\*1, bacteria\*2 and molds\*3 trapped on the filter.

(only effective when the microorganism is trapped on the filter with dust or droplet)

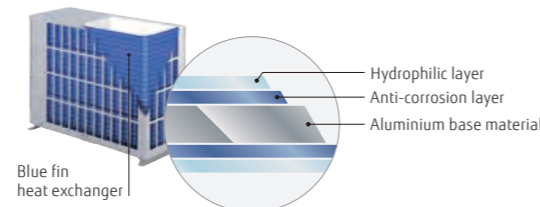
Clean the firmly catch the PM2.5 particles of 0.3~2.5µm.

(PM2.5 is a general term for micro particulate matter less than 2.5µm.)



### Blue fin heat exchanger

Blue fin heat-exchanger is used for the outdoor units, which enables to enhance the corrosion-resistance performance.

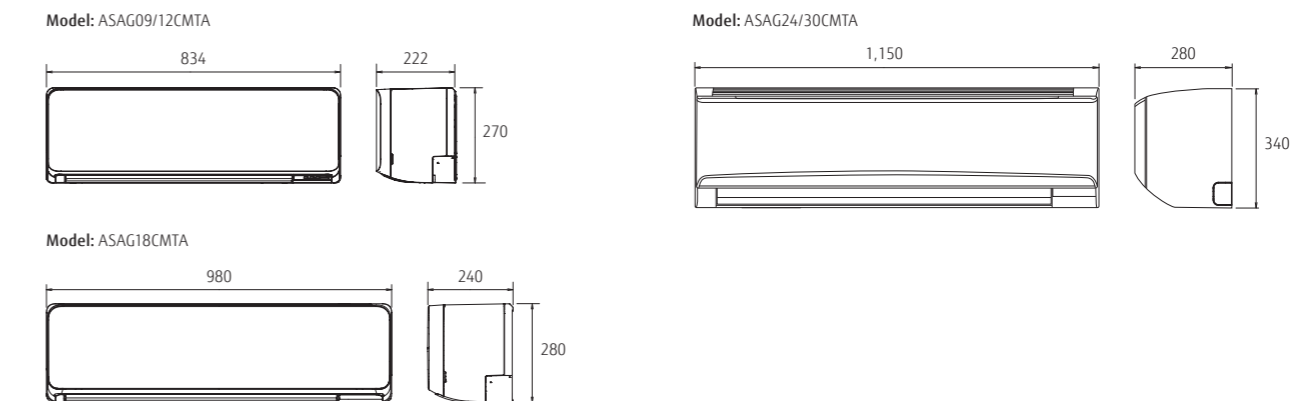


### Optional parts

- Compact wired remote controller: UTU-RCRYZ1
- Wired remote controller (touch panel): UTU-RNRYZ5
- Wired remote controller: UTU-RLRY
- Simple remote controller: UTU-RSRY, UTU-RHRY
- External input and output PCB: UTU-XCSXZ2
- External connect kit: UTU-XWZXZ5
- MODBUS converter: UTU-VMSX
- KNX Converter: UTU-VKSX
- External switch controller: UTU-TERX
- Communication kit: UTU-TWRXZ2
- Network Converter for single split (DC power supply type): UTU-VTGX
- Network Converter for single split (AC power supply type): UTU-VTGXV
- Wireless LAN adapter (USB type): UTU-TFSXF3

### Dimensions

(Unit : mm)





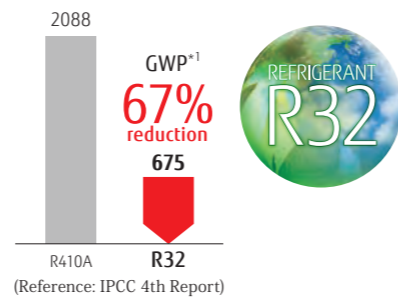
# Cassette Circular Flow Series



## Adopting new R32 refrigerant

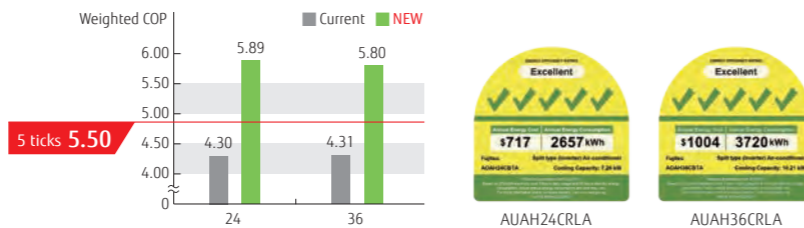
R32 refrigerant is an environmentally friendly refrigerant with a significantly lower Global Warming Potential (GWP) than conventional refrigerant.

\*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.



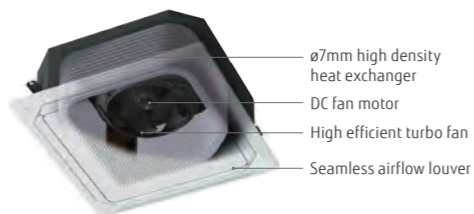
## High energy saving

New models have achieved the top energy efficiency level (5 ticks) by inverter technology.



## Uniform air distribution by the seamless air opening

In new model, the gaps between each airflow openings are removed, which enables to distribute wider and uniform airflow to room.



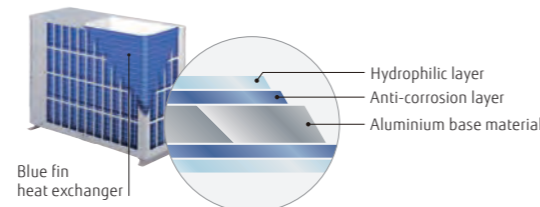
### Uniform temperature air conditioning

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



## Blue fin heat exchanger

Blue fin heat-exchanger is used for the outdoor units, which enables to enhance the corrosion-resistance performance.



Model: AUAH24CRLA / AUAH36CRLA



## Specifications

Model No.	Indoor unit		AUAH24CRLA	AUAH36CRLA
	Outdoor unit		AOAH24CBTA	AOAH36CBTA
Power Source		V/Ø/Hz	230 / 1 / 50	
Capacity	Cooling (Min.-Max.)	kW	7.10 (3.34 - 10.65)	10.0 (3.80 - 15.00)
		Btu/h	24,200 ( 11,400 - 36,300)	34,100 (13,000 - 51,200)
Input Power	Cooling	kW	1.46	2.05
EER	Cooling		4.86	4.88
COP (Weighted)	Cooling	W/W	5.89	5.80
Running Current	Cooling	A	6.6	9.2
Moisture Removal		l/h	1.2	2.4
Sound Pressure (Cooling)	Indoor (H/M/L/Q)	dB(A)	41/38/36/33	46/42/39/36
	Outdoor		53	52
Airflow Rate (Cooling)	Indoor (H/M/L/Q)	m³/h	1560/1390/1300/1150	2000/1650/1460/1300
	Outdoor		3,380	6,400
Net Dimensions H x W x D	Indoor / Grille	mm	288 × 840 × 840 / 53 × 950 × 950	288 × 840 × 840 / 53 × 950 × 950
		kg(lbs)	29 (64) / 6 (13)	29 (64) / 6 (13)
Net Weight	Outdoor	mm	788 × 940 × 320	1,418 × 970 × 370
		kg(lbs)	53 (117)	94 (207)
Piping Connections (Small / Large)			9.52 / 15.88	9.52 / 15.88
Drain Pipe Diameter (I.D./O.D.)		mm	Ø25 / Ø32	Ø25 / Ø32
Max. Pipe Length (Pre-Charge)		m	50 (30)	55 (30)
Max. Height Difference			30	30
Operation Range	Cooling	°CDB	21 to 46	21 to 46
Refrigerant			R32	R32
Cassette Grille			UTG-UKYC-W	UTG-UKYC-W

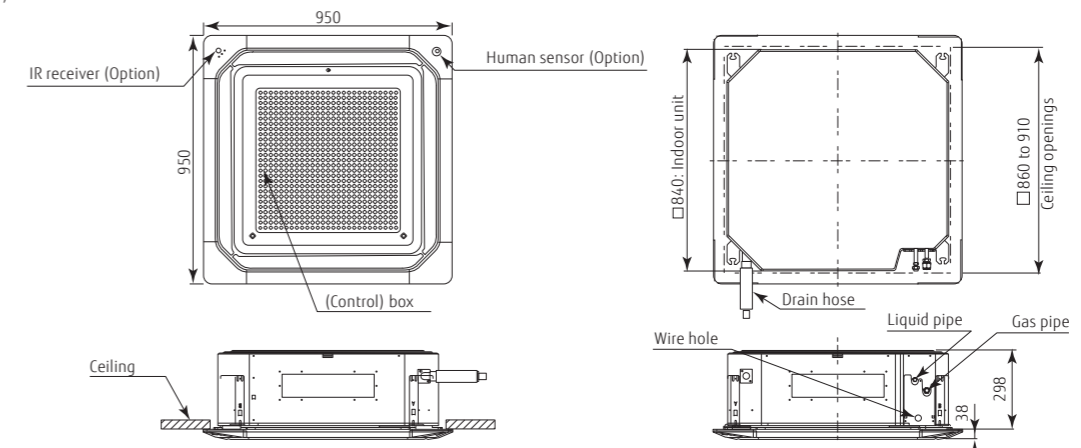
Note : Specifications are based on the following conditions.  
Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	Human sensor kit:	UTY-SHZXC	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Air outlet shutter plate:	UTR-YDZK	Network Converter for single split (AC power supply type):	UTY-VTGSX
Wired remote controller:	UTY-RLRY	Wide panel:	UTG-AKXA-W	External input and output PCB:	UTY-XCSX
Simple remote controller:	UTY-RSRY	Panel spacer:	UTG-BKXA-W	External input and output PCB box:	UTZ-GXRA
	UTY-RHRY	Insulation kit for high humidity:	UTZ-KXRA	Modbus converter:	UTY-VMSX
Cassette grille:	UTG-UKYC-W	Fresh-air intake kit:	UTZ-VXRA	KNX converter:	UTY-VKSX
	UTG-UKYA-B	IR receiver kit:	UTY-LBTYC	External connect kit:	UTY-XWZXZG
Wireless LAN Adapter:	UTY-TFSXZ2	External switch controller:	UTY-TERX		

## Dimensions

(Unit : mm)





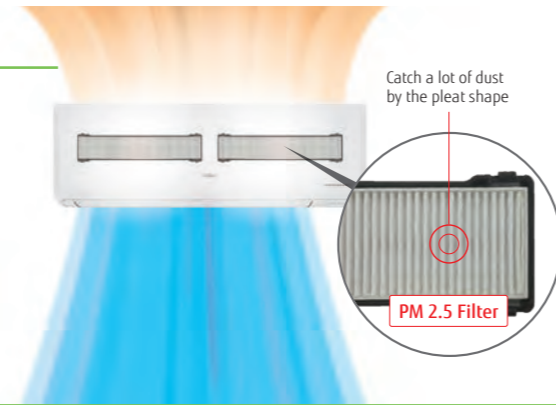


# Wall Mounted



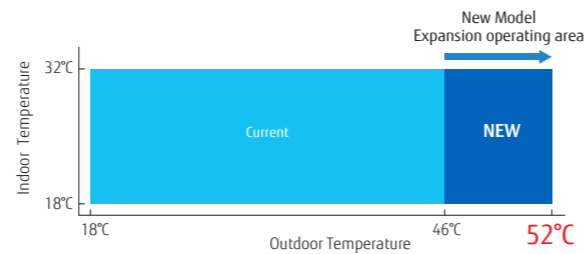
## PM 2.5 filter the newly adopted

Clean the air firmly catch the particles of 0.3 ~ 2.5 μm.  
\*PM 2.5 is a general term for micro particulate matter less than 2.5 μm.



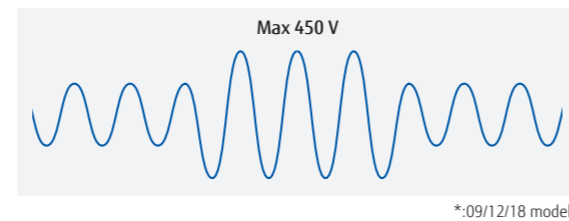
## Powerful Cooling

**High Temperature operation at 52°C**  
New system development expands the outdoor temperature upper limit from 46°C to 52°C. Provides a cool and comfortable environment even at 52°C.



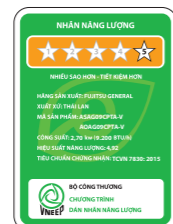
## High Reliability System (HRS)

**Withstands Spike Voltage up to 450 V\***  
The newly developed general PCB designed with a withstand spike voltage up to 450 V. The design is highly robust.



## 5-Star Rank in Energy Saving Program

This is ranked 5-Star in the energy labeling program in Vietnam.



## Adopting new refrigerant R32

R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than another refrigerant.



Model: ASAG09CPTA-V / ASAG12CPTA-V / ASAG18CPTA-V / ASAG24CPTA-V



## Specifications

Model No.	Indoor unit		ASAG09CPTA-V	ASAG12CPTA-V	ASAG18CPTA-V	ASAG24CPTA-V
	Outdoor unit		AOAG09CPTA-V	AOAG12CPTA-V	AOAG18CPTA-V	AOAG24CPTA-V
Power Source		V/Ø/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.70(0.7-2.9)	3.37(0.8-3.5)	5.28(1.3-5.4)	7.04(1.8-7.0)
		Btu/h	9,200(2,400-9,900)	11,500(2,900-12,100)	18,000(4,500-18,400)	24,000(6,000-24,000)
Input Power	Cooling	kW	0.81	1.18	1.88	2.39
EER	Cooling	W/W	3.33	2.86	2.81	2.95
CSPF			4.68	4.62	4.63	5.64
Running Current	Cooling	A	4.2	5.9	8.8	11.1
Moisture Removal		l/h	1.0	1.5	1.9	2.7
Sound Pressure Level (Cooling)	Indoor (High)	dB(A)	43	43	49	50
	Outdoor		50	50	51	53
Airflow Rate (Cooling)	Indoor (High)	m³/h	550	550	940	1,160
	Outdoor		1,910	1,910	1,660	2,885
Net Dimensions H x W x D	Indoor	mm	270 x 784 x 224	270 x 784 x 224	270 x 834 x 239	280 x 980 x 240
		kg(lbs)	8.5(19)	8.5(19)	11.0(24)	12.5(28)
Net Weight	Outdoor	mm	541 x 663 x 290	541 x 663 x 290	541 x 663 x 290	632 x 799 x 290
		kg(lbs)	22.0(49)	22.0(49)	27.0(60)	36.0(79)
Piping Connections (Small / Large)			6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8	11.8/15.0 to 16.8	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	20(10)	20(10)	20(10)	25(15)
Max. Height Difference			15	15	15	20
Operation Range	Indoor	°CDB	18 to 32	18 to 32	18 to 32	18 to 32
	Outdoor		18 to 52	18 to 52	18 to 52	18 to 52
Refrigerant			R32	R32	R32	R32

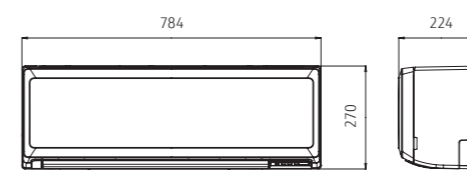
## Optional parts

Silver Ion Filter II: UTR-FA16-7

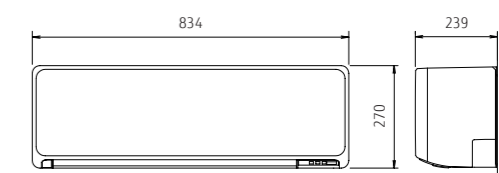
## Dimensions

(Unit : mm)

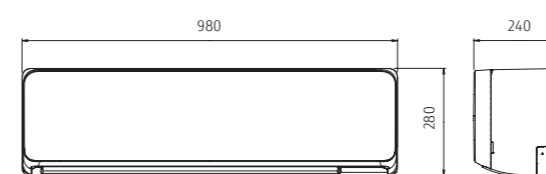
Model: ASAG09CPTA-V / ASAG12CPTA-V



Model: ASAG18CPTA-V



Model: ASAG24CPTA-V



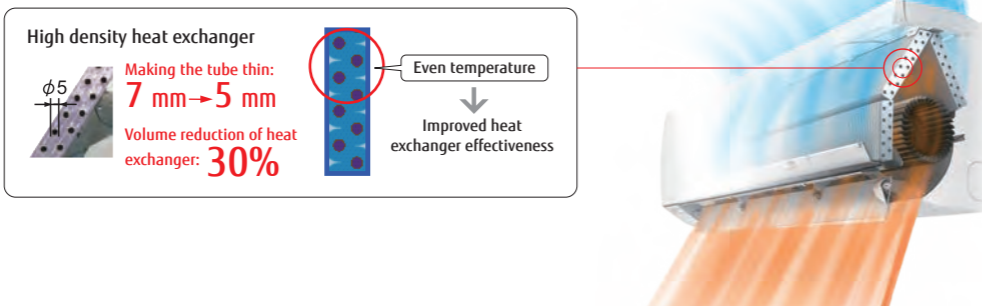


# Wall Mounted



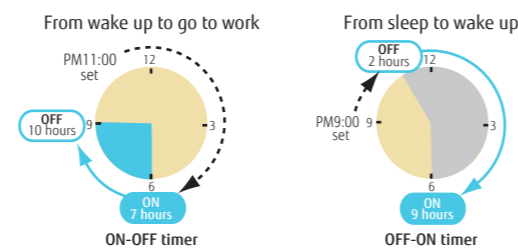
## High Efficient Compact Design

Compact design is realized by high density multi-path heat exchanger.



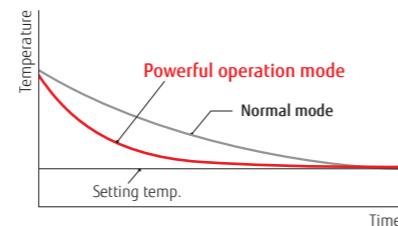
## More Convenient Timer

You can set an integrated ON-OFF or OFF-ON timer suitable for your life style. (Setting time: 0.5, 1, 1.5, 2, 2.5, -----9.5, 10, 11, 12 hours)



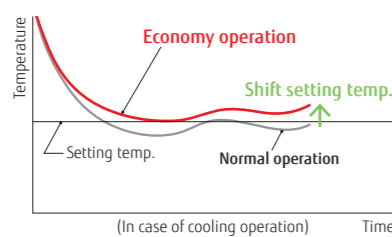
## Powerful operation

Reach the setting temperature quickly.



## Economy operation

Setting temp. is shifted by 1°C automatically.



## Easy maintenance

Removable & washable panel



Model: ASAG09LLTB-V / ASAG12LLTA-V



## Specifications

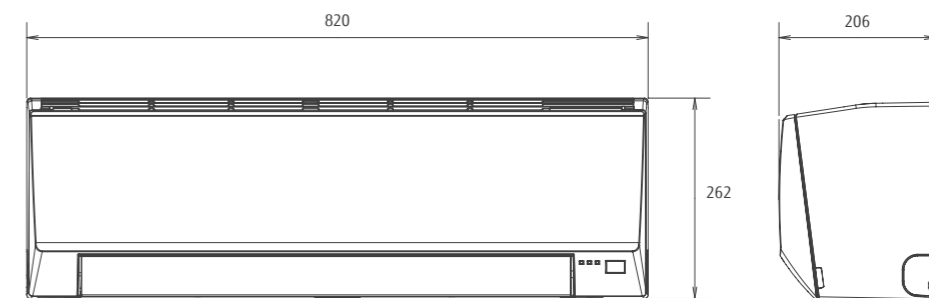
Model No.	Indoor unit		ASAG09LLTB-V	ASAG12LLTA-V
	Outdoor unit		AOAG09LLTB-V	AOAG12LLTA-V
Power Source		V/Ø/Hz	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.50(0.9-3.0)	3.40(0.9-3.8)
		Btu/h	8,500(3,070-10,230)	11,600(3,070-12,960)
	Heating (Min.-Max.)	kW	3.00(0.9-3.8)	4.00(0.9-5.0)
		Btu/h	10,200(3,070-12,960)	13,600(3,070-17,060)
Input Power	Cooling/Heating	kW	0.72/0.74	1.10/1.13
EER	Cooling	W/W	3.47	3.21
COP	Heating	W/W	4.05	3.54
Running Current	Cooling/Heating	A	3.6/3.6	5.3/5.5
Moisture Removal		l/h	1.3	1.8
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	43/43	43/43
	Outdoor	dB(A)	47/48	50/51
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	720/740	720/740
	Outdoor	m³/h	1,670/1,470	1,830/1,600
Net Dimensions H x W x D	Indoor	mm	262 x 820 x 206	262 x 820 x 206
		kg(lbs)	7.0 (15)	7.0 (15)
Net Weight	Outdoor	mm	540 x 660 x 290	540 x 660 x 290
		kg(lbs)	25.0 (55)	28.0 (62)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20(15)	20(15)
Max. Height Difference			15	15
Operation Range	Cooling	°CDB	18 to 46	18 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R410A	R410A

## Optional parts

Remote Controller Holder Kit: UTZ-RXLA

## Dimensions

(Unit : mm)





# Compact Cassette

Compact 4-way Flow Series  
Compact Size



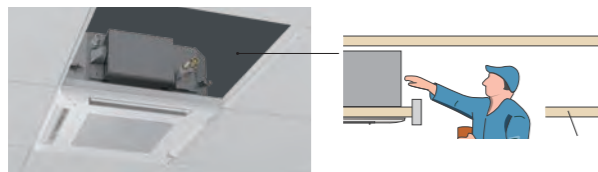
## Compact and stylish panel design

The compact and stylish panel fits nicely into a grid-type ceiling. Its 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 simply by removing a ceiling panel next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



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



## Flexible installation

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



Model: AUXG18KVLA / AUXG24KVLA



## Specifications

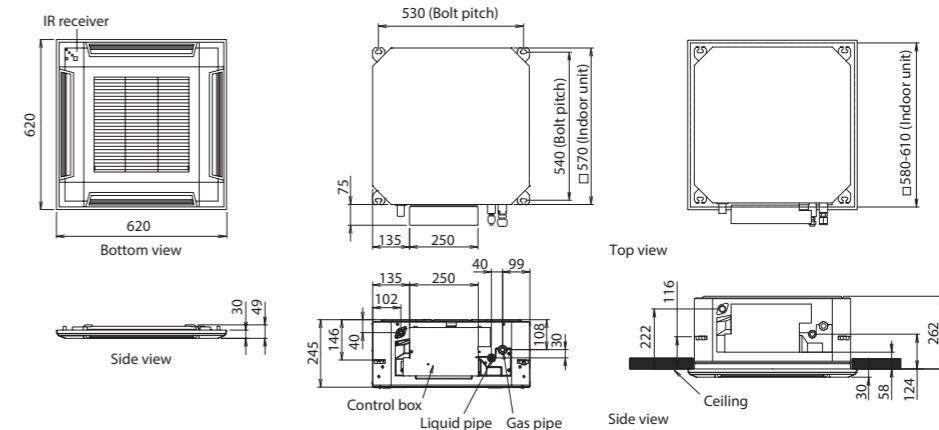
Model name	Indoor unit		AUXG18KVLA	AUXG24KVLA
	Outdoor unit		AOYG18KATA	AOYG24KATA
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	6.8 (0.9-7.4)
	Heating (Min.-Max.)	Btu/h	17,700 (3,100-18,400)	23,200 (3,100-25,200)
Input Power	Cooling	kW	6.0 (0.9-6.3)	7.5 (0.9-8.6)
	Heating	Btu/h	20,500 (3,100-21,400)	25,600 (3,100-29,300)
EER	Cooling/Heating	kW	1.69/1.72	2.26/2.08
COP	Cooling	W/W	3.08	3.01
	Heating	W/W	3.49	3.61
Running Current	Cooling/Heating	A	7.8 / 7.9	10.0 / 9.1
Moisture Removal		l/h	2.2	2.7
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	38/43	49/49
	Outdoor	dB(A)	51/52	54/55
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	680 / 800	930 / 930
	Outdoor	m³/h	1,710 / 1,840	2,885 / 2,350
Net Dimensions H x W x D	Indoor / grille	mm	245 × 570 × 570 / 49 × 620 × 620	245 × 570 × 570 / 49 × 620 × 620
		kg (lbs)	15 (33) / 2.3 (5)	16 (35) / 2.3 (5)
Weight	Outdoor	mm	542 × 799 × 290	632 × 799 × 290
		kg (lbs)	33 (73)	38 (84)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/12.70
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)
Max. Height Difference			15	20
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R32	R32
Cassette Grille	Model name		UTG-UFYF-W	UTG-UFYF-W

## Optional parts

Compact wired remote controller: UTY-RCRYZ1	Wireless remote controller: UTY-LNTY	Network Converter for single split (DC power supply type): UTY-VTGX
Wired remote controller (touch panel): UTY-RNRYZ5	External switch controller: UTY-TERX	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller: UTY-RLRY	Air Outlet Shutter Plate: UTR-YDZB	Insulation kit for high humidity: UTZ-KXGC
UTY-RNNYM	External connect kit: UTY-XWZXZG	External input and output PCB: UTY-XCSX
UTY-RVNYM	Cassette Grille: UTG-UFYF-W	External input and output PCB box: UTZ-GXRA
UTY-RHRY	Fresh air intake kit: UTZ-VXAA	WLAN adapter: UTY-TFSX22
Simple remote controller (without operation mode): UTY-RSRY	MODBUS converter: UTY-VMSX	
Simple remote controller: UTY-RSNYM	KNX Converter: UTY-VKSX	

## Dimensions

(Unit: mm)





# Compact Cassette



Model : AUYG18LVLB / AUYG24LVLA

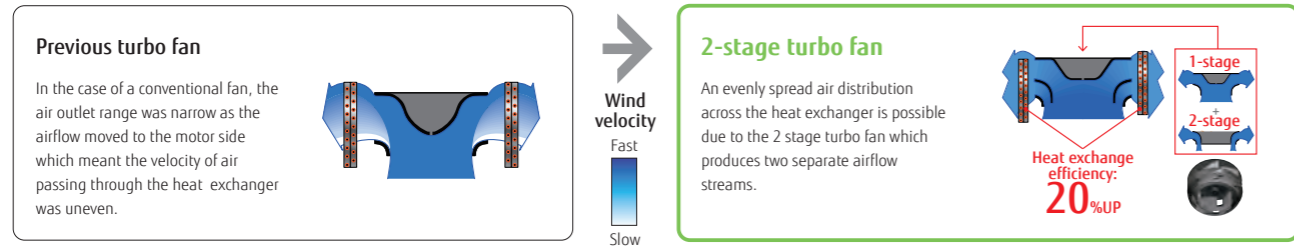


## Specifications

Model No.	Indoor unit		AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG18LBCB	AOYG24LBCB
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.20(0.9-5.9)	6.80(0.9-8.0)
		Btu/h	17,700(3,100-20,100)	23,200(3,100-27,300)
Capacity	Heating (Min.-Max.)	kW	6.00(0.9-7.5)	8.00(0.9-9.1)
		Btu/h	20,500(3,100-25,600)	27,300(3,100-31,000)
Input Power	Cooling/Heating	kW	1.62/1.66	2.21/2.26
EER	Cooling	W/W	3.21	3.08
COP	Heating	W/W	3.61	3.54
Running Current	Cooling/Heating	A	11.5-13.5	14.7-15.7
Moisture Removal		l/h	2.2	2.7
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	38/43	49/49
	Outdoor	dB(A)	50/50	53/54
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	680/800	930/930
	Outdoor	m³/h	2,380/2,080	2,850/2,700
Net Dimensions H x W x D	Indoor / grille	mm	245 x 570 x 570 / 49 x 700 x 700	245 x 570 x 570 / 49 x 700 x 700
		kg(lbs)	15.0 (33) / 2.6 (6)	16.0 (35) / 2.6 (6)
Net Weight	Outdoor	mm	632 x 799 x 290	716 x 820 x 315
		kg(lbs)	36 (79)	42 (93)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	25 (15)	30 (15)
Max. Height Difference			15	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R410A	R410A
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W

## 2-stage turbo fan

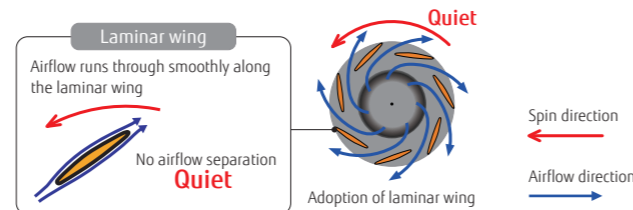
High efficiency design by 2 stage structure



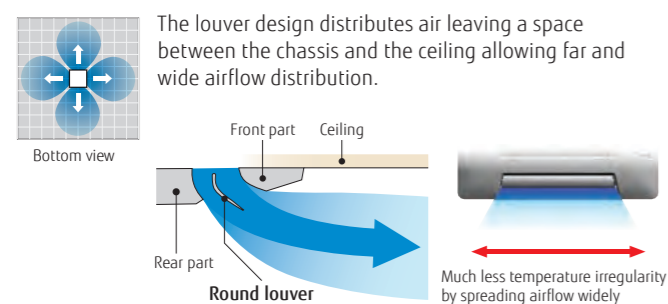
## Quiet quality

Optimized wing form (laminar wing type) and wing number (7 blades each)

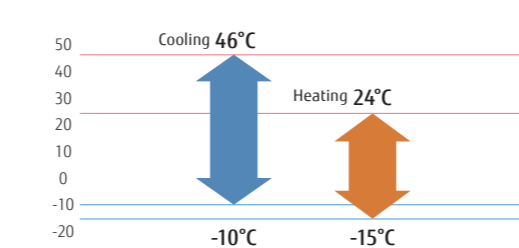
Designed by CFD-analysis (fluid) simulations



## Improvement of the airflow distribution



## Wide operation range

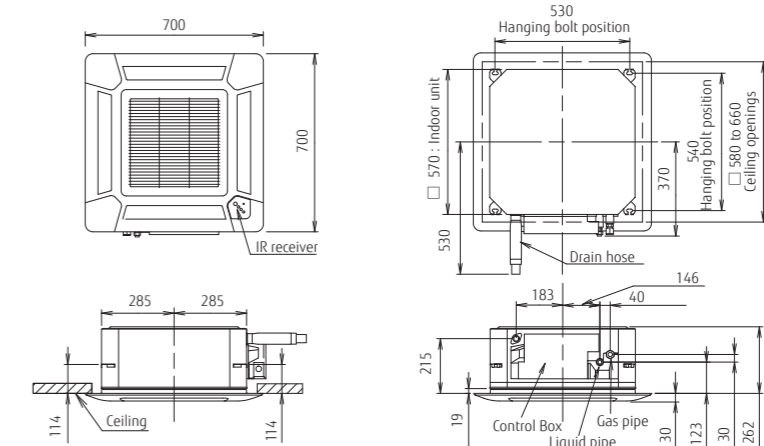


## Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM, UTY-RSNYM
- Simple Remote Controller: UTY-TERX
- External Switch Controller: UTY-XWZX
- External Connect Kit: UTY-KXGC
- Insulation Kit For High Humidity: UTZ-VXAA
- Fresh Air Intake Kit: UTG-UFYD-W
- Cassette Grille: UTR-YDZB
- Air Outlet Shutter Plate: UTY-TFNXZ3
- Wireless LAN Adapter: UTY-VTGX, UTY-VTGXV

## Dimensions

(Unit : mm)





# Cassette

## Circular Flow Series

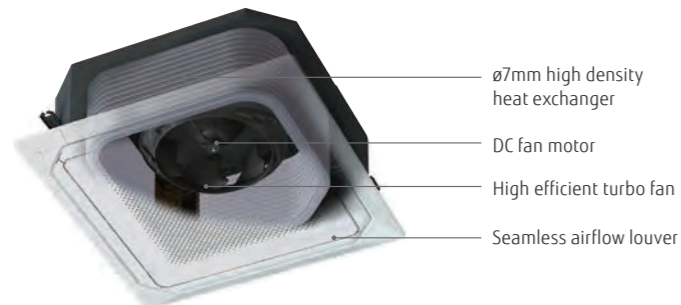
Comfort for Large Rooms

UTG-UKYA-B  
Black Grille



### Uniform air distribution by the seamless air opening

In new model, the gaps between each airflow openings are removed, which enables to distribute wider and uniform airflow to room.



### Uniform temperature air conditioning

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



### Individual louver control

Each louver can be set individually by Touch Panel Wired Remote Controller to enjoy the comfort of different directional airflows according to various room layouts.

\*Touch Panel Wired RC (UTY-RNRYZ5) only



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

Efficient air conditioning based on the room layout

### Various Cassette Grille

Both black and white color grilles are available. There are three types, white color grille with Remote Controller, only white color grille and only black color grille. Possible to choose according to the atmosphere and the use of the room.



UTG-UKYA-W  
White Color Grille  
With touch panel wired remote controller

### Human Sensor for Energy Saving (Option)

• Human sensor



2 modes can be selected.

- Auto saving** Power is saved while people are away.
- Auto OFF** Operation stops after people go out.

\*Touch Panel Wired RC (UTY-RNRYZ5) only

Model: AUXG18KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB  
AUXG36KRLB [3-phase] / AUXG45KRLB [3-phase] / AUXG54KRLB [3-phase]



### Specifications

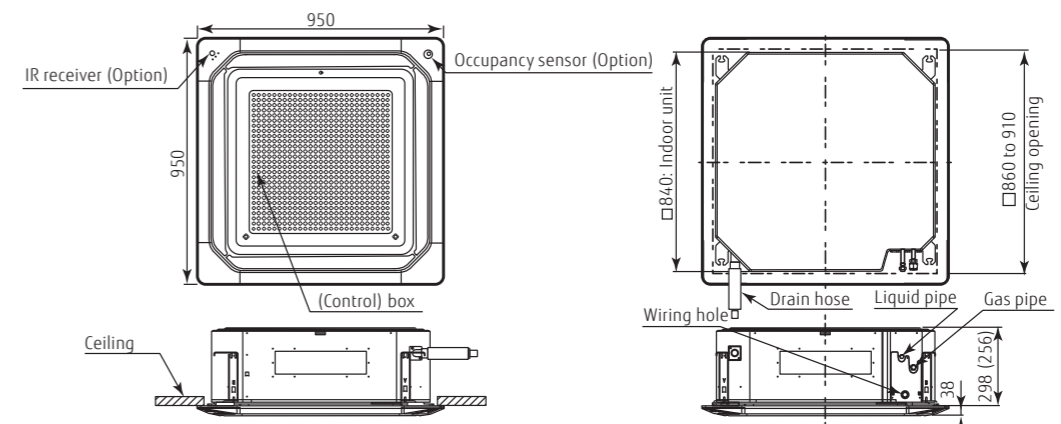
Model name	Indoor unit		AUXG18KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOYG18KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
	kW		5.2 (0.9-5.4)	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	13.4 (4.5-13.8)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	13.4 (4.5-13.8)
Capacity	Cooling (Min.-Max.)		Btu/h 17,700 (3,100-18,400)	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	45,700 (15,400-47,100)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	45,700 (15,400-47,100)
	Heating (Min.-Max.)		kW 20,500 (3,100-21,400)	25,600 (3,100-29,300)	34,100 (9,200-36,800)	36,900 (9,200-42,600)	46,000 (14,300-51,200)	52,900 (16,000-54,600)	36,900 (9,200-42,600)	46,000 (14,300-51,200)	52,900 (16,000-54,600)
Input Power	Cooling/Heating	kW	1.60/1.66	2.12/1.97	2.56/2.64	3.06/2.58	4.32/3.77	4.87/4.86	3.06/2.58	4.32/3.77	4.87/4.86
EER	Cooling	W/W	3.25	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75
COP	Heating	W/W	3.61	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19
Running Current	Cooling/Heating	A	7.4/7.7	9.3/8.7	11.3/11.7	13.6/11.4	18.8/16.6	21.4/21.3	5.9/5.9	7.8/7.0	8.6/8.6
Moisture Removal		l/h	1.5	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	33/33	35/35	40/40	44/44	46/46	47/47	44/44	46/46	47/47
	Outdoor	dB(A)	51/52	54/55	53/55	55/55	58/59	58/61	55/55	60/60	61/61
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,050/1,050	1,150/1,150	1,600/1,600	1,870/1,870	2,000/2,000	2,100/2,100	1,870/1,870	2,000/2,000	2,100/2,100
	Outdoor	m³/h	1,710/1,840	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450	4,450/4,780	3,750/3,750	4,450/4,450	4,450/4,780
Net Dimensions H x W x D	Indoor / grille	mm	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950
	Outdoor	kg (lbs)	23 (51) / 6.0 (13)	24 (53) / 6.0 (13)	26 (57) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)
Weight	Indoor / grille	mm	542 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
	Outdoor	kg (lbs)	33 (73)	38 (84)	52 (115)	52 (115)	61 (134)	63 (139)	53 (117)	62 (137)	63 (139)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference		m	15	20	30	30	30	30	30	30	30
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
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32
Cassette Grille	Model name	UTG-UKYA-W: White wired remote controller (touch panel) / UTG-UKYA-W: White/UTG-UKYA-B*1: Black									

### Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Cassette Grille:	UTG-UKYA-B
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSX	UTG-UKYA-W	UTG-UKYA-W
Wired remote controller:	UTY-RLRY	External input and output PCB box:	UTZ-GXRA	UTG-UKYC-W	UTG-UKYC-W
	UTY-RNNYM	Insulation kit for high humidity:	UTZ-KXRA	UTR-YDZK	UTR-YDZK
	UTY-RVNYM	Fresh air intake kit:	UTZ-VXRA	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RHRY	Wide Panel:	UTG-AKXA-W	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple remote controller (without operation mode):	UTY-RSRY	Panel Spacer:	UTG-BKXA-W	External switch controller:	UTY-TERX
Simple remote controller:	UTY-RSNYM	External connect kit:	UTY-XWZXZG		
	UTY-SHZXC	MODBUS converter:	UTY-VMSX		
Occupancy sensor kit:	UTY-LBTYC	KNX Converter:	UTY-VKXS	(Outdoor unit 30/36/45/54)	
IR receiver unit				External connect kit:	UTY-XWZXZ3

### Dimensions

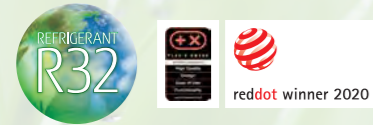
(Unit: mm)



( ): AUXG18/24KRLB



# Ceiling



(30/36/45)

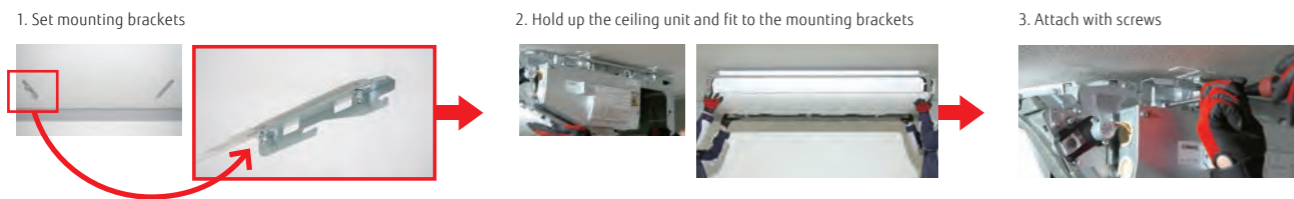
## Light elegant design

The light-elegant, gently curved surface gives a sense of comfort and well-being.



## Easy installation

The indoor unit can be easily installed under the ceiling thanks to the uniquely designed mounting kit.



## Easy maintenance

The front panel can be opened without removing it for safe & speedy maintenance.



The drain pan can be removed for cleaning.



Components in the control box can be easily accessed from the wide side opening.



## Flexible installation

The drain hose and pipe can be contained in the casing and connected in the right, left, angled, or downward direction.



Model: ABYG18KRTA / ABYG24KRTA / ABYG30KRTA / ABYG36KRTA / ABYG45KRTA  
 ABYG36KRTA [3-phase] / ABYG45KRTA [3-phase]



## Specifications

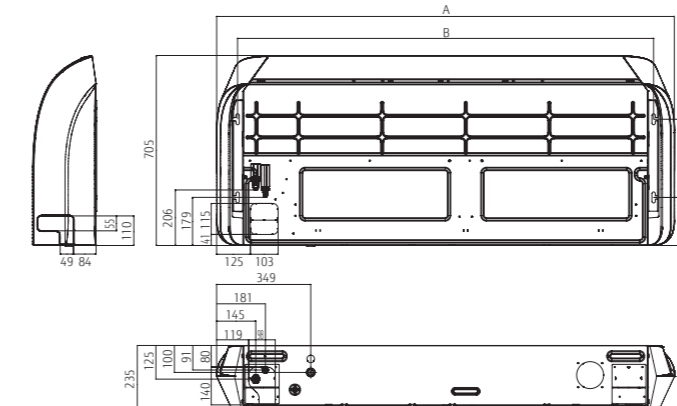
Model name	Indoor unit		ABYG18KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KRTA	ABYG45KRTA
	Outdoor unit		AOYG18KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)
		Btu/h	17,700 (3,100-18,400)	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	32,400 (9,600-36,100)	41,300 (13,600-43,000)
Capacity	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)	7.5 (0.9-8.6)	10.0 (2.7-10.8)	10.8 (2.7-12.5)	13.5 (4.2-15.0)	10.8 (2.7-12.5)	13.5 (4.2-15.0)
		Btu/h	20,500 (3,100-21,400)	25,600 (3,100-29,300)	34,100 (9,200-36,800)	36,900 (9,200-42,600)	46,100 (14,300-51,200)	36,900 (9,200-42,600)	46,100 (14,300-51,200)
Input Power	Cooling/Heating	kW	1.66/1.71	2.19/2.00	2.78/2.86	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating	W/W	3.51	3.75	3.5	3.56	3.23	3.56	3.23
Running Current	Cooling/Heating	A	7.4 / 7.6	9.7 / 8.8	12.3 / 12.6	13.8 / 13.3	21.3 / 18.4	6.0 / 5.8	8.8 / 7.6
Moisture Removal		l/h	2.0	2.2	3.0	2.6	4.5	2.6	4.5
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	38/38	41/41	45/45	44/44	45/45	44/44	45/45
	Outdoor	dB(A)	51/52	54/55	53/55	55/55	58/59	55/55	58/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	840/840	1,230/1,230	1,400/1,400	1,850/1,800	1,900/1,850	1,850/1,800	1,900/1,850
	Outdoor	m <sup>3</sup> /h	1,710/1,840	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450	3,750/3,750	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	235 x 1,080 x 705	235 x 1,390 x 705	235 x 1,390 x 705	235 x 1,700 x 705	235 x 1,700 x 705	235 x 1,700 x 705	235 x 1,700 x 705
	kg (lbs)		24 (53)	31 (68)	31 (68)	38 (84)	38 (84)	38 (84)	38 (84)
Weight	Indoor	mm	542 x 799 x 290	632 x 799 x 290	788 x 940 x 320	788 x 940 x 320	988 x 940 x 320	788 x 940 x 320	998 x 940 x 320
	kg (lbs)		33 (73)	38 (84)	52 (115)	52 (115)	61 (134)	53 (117)	62 (137)
Piping Connections (Small / Large)		mm	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			15	20	30	30	30	30	30
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
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32	R32	R32	R32

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Drain pump unit:	UTR-DPB24T	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	IR receiver unit:	UTY-LBTYH	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRY	L-type piping kit:	UTP-FX24A (18/24)		
Simple remote controller:	UTY-RSRY		UTP-FX35A (30/36/45)		
External input and output PCB:	UTY-XCSX	Communication kit:	UTY-TWRXZ3	(Outdoor unit 30/36/45)	
External input and output PCB box:	UTZ-GXEA	MODBUS converter:	UTY-VMSX	External connect kit:	UTY-XWZXZ3
External connect kit:	UTY-XWZXZG	KNX Converter:	UTY-VKSX		

## Dimensions

(Unit: mm)



	ABYG18KRTA	ABYG24/30KRTA	ABYG36/45KRTA
A	1,080	1,390	1,700
B	923	1,233	1,543

NEW

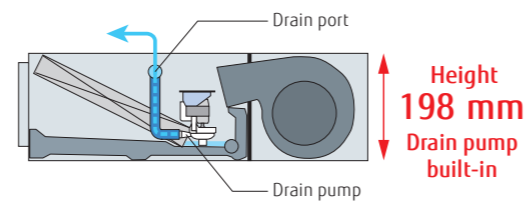
# Slim Duct

Slim Design



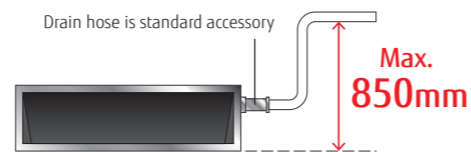
## Slim design

The slim design allows installations where ceilings are narrow. Drain hose as standard accessory



## Drain pump is standard accessory

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.



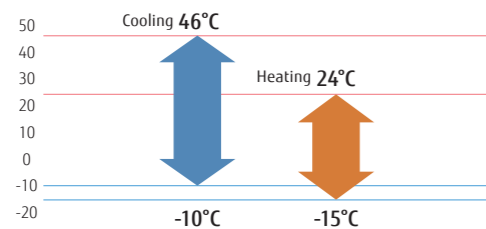
## Selectable with a wide range of static pressure

By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa. The change of static pressure range is possible by remote controller.



Static pressure range 0 to 90 Pa

## Wide operation range

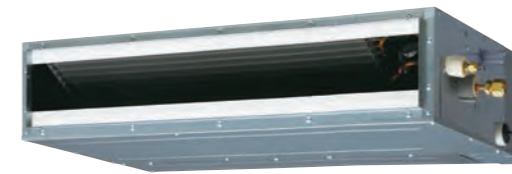


## Auto louver grille kit (Option)

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



Model: ARXG18KLLAP



AOYG18KATA

## Specifications

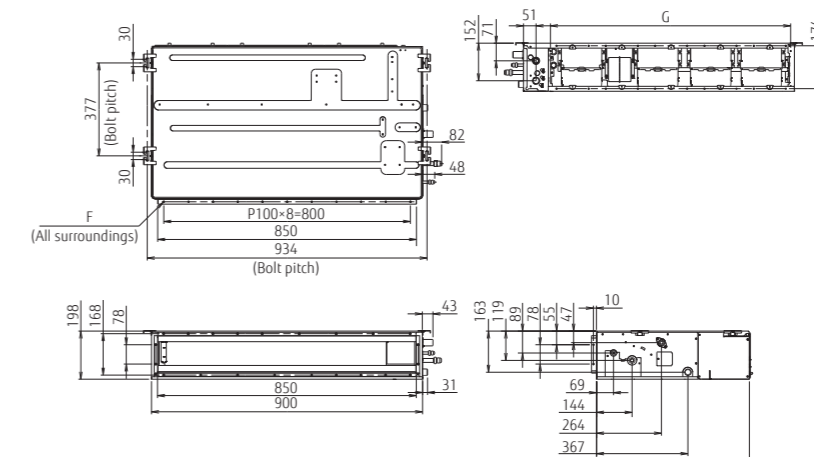
Model name	Indoor unit		ARXG18KLLAP	
	Outdoor unit		AOYG18KATA	
Power Source		V/Ø/Hz	230/1/50	
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	
		Btu/h	17,700 (3,100-18,400)	
Capacity	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)	
		Btu/h	20,500 (3,100-21,400)	
Input Power	Cooling/Heating	kW	1.66/1.71	
EER	Cooling	W/W	3.13	
COP	Heating		3.51	
Running Current	Cooling/Heating	A	7.6 / 7.9	
Moisture Removal		l/h	2.0	
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	32/32	
	Outdoor		51/52	
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	940/940	
	Outdoor		1,710/1,840	
Net Dimensions H x W x D	Indoor	mm	198 x 900 x 620	
		kg (lbs)	20 (44)	
Weight	Outdoor	mm	542 x 799 x 290	
		kg (lbs)	33 (73)	
Piping Connections (Small / Large)		mm	6.35/12.70	
Drain port Diameter (I.D./O.D.)			25/32	
Max. Pipe Length (Pre-Charge)		m	20 (15)	
Max. Height Difference			15	
Operating Range	Cooling	°CDB	-10 to 46	
	Heating		-15 to 24	
Refrigerant			R32	

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	Simple remote controller:	UTY-RSRY	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5		UTY-RSRYM	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXZ2	External connect kit:	UTY-XWZXZG
	UTY-RNNYM	IR receiver unit:	UTY-LBTYM	Remote sensor unit:	UTY-XSZXZ1
	UTY-RVNYM	MODBUS converter:	UTY-VMSX	External switch controller:	UTY-TERX
	UTY-RHRY	KNX Converter:	UTY-VKSX	Auto Louver Grille Kit:	UTD-GXTB-W
Simple remote controller (without operation mode):	UTY-RHRY				

## Dimensions

(Unit: mm)



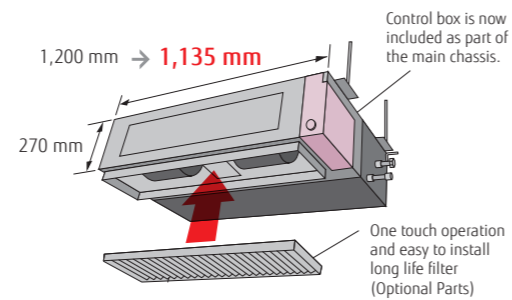


# Medium Static Pressure Duct Standard



## Slim & Compact design

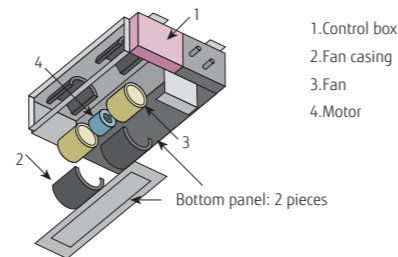
In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, further space savings have been achieved by mounting the control box internally inside the chassis.



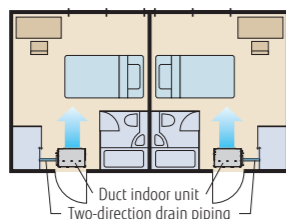
## Easy maintenance

Structural improvement is attained by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.

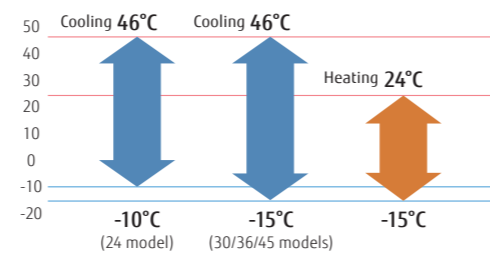
See below for the case of rear suction type



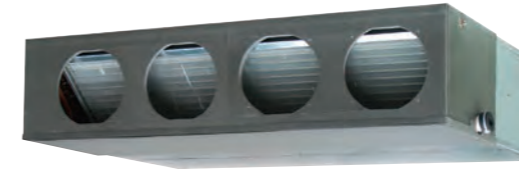
## Two-direction drain piping



## Wide operation range



Model: ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA



## Specifications

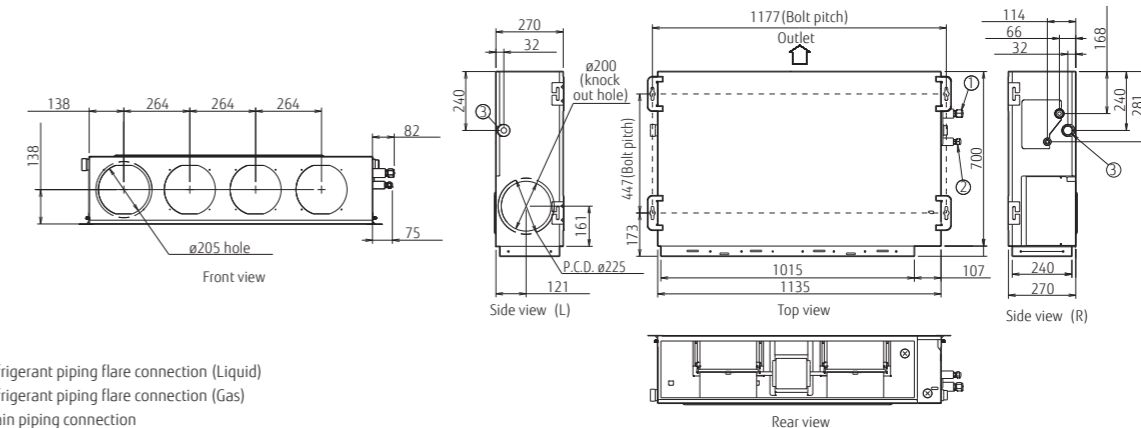
Model name	Indoor unit		ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)
		Btu/h	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)
Input Power	Cooling/Heating	kW	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18
		W/W	3.11	3.06	3.04	2.50
EER	Cooling	W/W	3.11	3.06	3.04	2.50
COP	Heating	W/W	3.75	3.61	3.56	3.23
Running Current	Cooling/Heating	A	9.7 / 8.8	12.3 / 12.3	13.8 / 13.4	21.3 / 18.3
Moisture Removal		l/h	2.5	2.5	3.0	4.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	31/31	39/42	39/42	42/42
	Outdoor	dB(A)	54/55	53/55	55/55	58/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,100/1,100	1,900/2,100	1,900/2,100	2,100/2,100
	Outdoor	m³/h	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700
	Outdoor	kg (lbs)	35 (77)	38 (84)	38 (84)	39 (86)
Weight	Indoor	kg (lbs)	632 x 799 x 290	788 x 940 x 320	788 x 940 x 320	998 x 940 x 320
	Outdoor	kg (lbs)	38 (84)	52 (115)	52 (115)	61 (134)
Piping Connections (Small / Large)		mm	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	25 (20)	30 (30)	30 (30)	30 (30)
Max. Height Difference		m	20	30	30	30
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Flange (Round):	UTD-RF204	Network Converter for single split (AC power supply type):	UTY-VTGVXV
Wired remote controller:	UTY-RLRY	Flange (Square):	UTD-SF045T	Drain pump unit:	UTZ-PX1NBA
	UTY-RNRYM	IR receiver unit:	UTY-LBTYM	MODBUS converter:	UTY-VMSX
	UTY-RVNYM	Remote sensor unit:	UTY-XSZXZ1	KNX Converter:	UTY-VKXS
Simple remote controller (without operation mode):	UTY-RHRY	External connect kit:	UTY-XWZXZG		
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX	(Outdoor unit 30/36/45)	
	UTY-RSNYM	Long-life filter:	UTD-LF25NA	External connect kit:	UTY-XWZXZ3

## Dimensions

(Unit: mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

NEW

# High Static Pressure Duct



## Easy installation (Compact & Lightweight)

The indoor and outdoor units are designed to be compact and light by reducing the basic chassis size and the overall material weight.

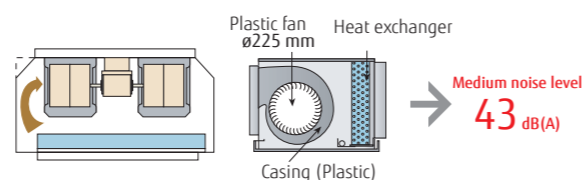


## Design also suits high static pressure



## Low noise

Slanted corners at the top help reduce turbulent airflow. Low noise is realized by adopting a plastic case and a plastic fan.



Model: ARXG45KHTB [3-phase] / ARXG54KHTB [3-phase]



AOYG45KRTA  
AOYG54KRTA

### Specifications

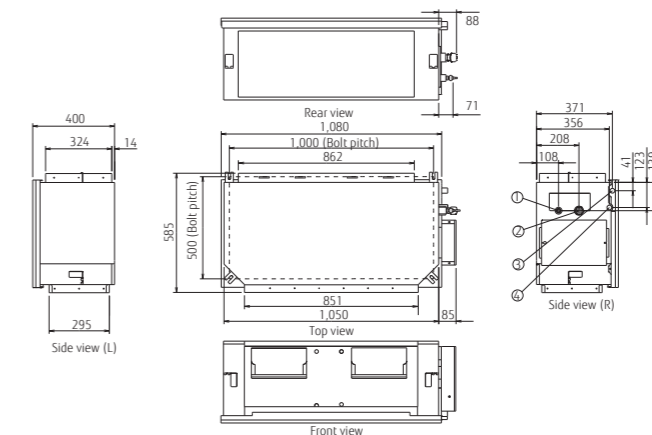
Model name	Indoor unit		ARXG45KHTB	ARXG54KHTB
	Outdoor unit		AOYG45KRTA	AOYG54KRTA
Power Source		V/Ø/Hz	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)
		Btu/h	41,300 (13,600-47,800)	45,700 (17,100-49,400)
Capacity	Heating (Min.-Max.)	kW	13.5 (5.0-16.2)	15.5 (5.5-18.0)
		Btu/h	46,100 (17,100-55,300)	52,900 (18,800-61,400)
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18
EER	Cooling	W/W	2.91	2.81
COP	Heating	W/W	3.74	3.71
Running Current	Cooling/Heating	A	7.6 / 6.8	8.5 / 7.6
Moisture Removal		l/h	1.5	2.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	47/47	47/47
	Outdoor	dB(A)	57/57	57/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	3,350/3,350	3,350/3,350
	Outdoor	m <sup>3</sup> /h	4,450/4,450	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500
		kg (lbs)	46 (101)	46 (101)
Weight	Outdoor	mm	998 × 940 × 320	998 × 940 × 320
		kg (lbs)	67 (148)	67 (148)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)		m	50 (30)	50 (30)
Max. Height Difference			30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R32	R32

### Optional parts

Compact wired remote controller: UTY-RCRYZ1	Remote sensor unit: UTY-XSZXZ1	Network Converter for single split (DC power supply type): UTY-VTGX
Wired remote controller (touch panel): UTY-RNRYZ5	Long-life filter: UTD-LF60KA	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller: UTY-RLRY	External switch controller: UTY-TERX	
Simple remote controller: UTY-RSRY	WLAN adapter: UTY-TFSXZ2	(Outdoor unit)
UTY-RHRY	External input and output PCB: UTY-XCSX+UTZ-GXEA	External connect kit: UTY-XWZXZ3
IR Receiver unit: UTY-LBTRY	MODBUS converter: UTY-VMSX	
External connect kit: UTY-XWZXZG	KNX Converter: UTY-VKXS	

### Dimensions

(Unit: mm)





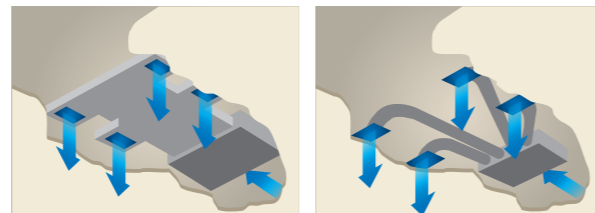
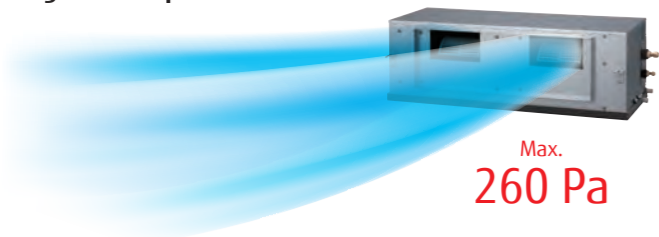
# High Static Pressure Duct



## High energy efficiency

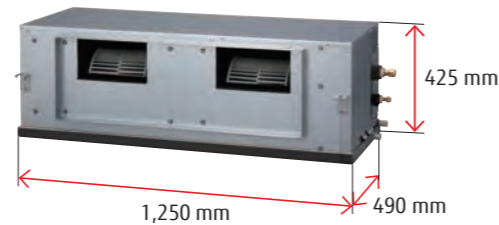
Much greater efficiency is achieved by the use of all-DC inverter technology.

## Design also corresponding to high static pressure



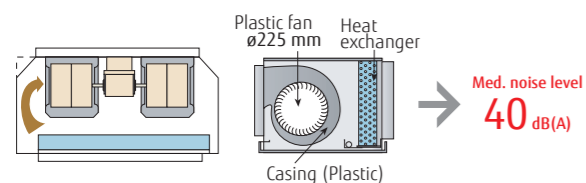
## Easy installation (Compact & Lightweight)

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

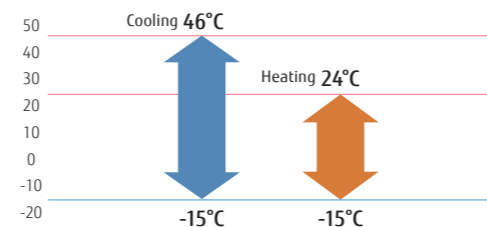


## Low noise

Cutting off the corners has enabled less turbulent airflow. Low noise is realized by adopting a plastic case and a plastic fan.



## Wide operation range



## Model : ARYG60LHTA [3 phase]



## Specifications

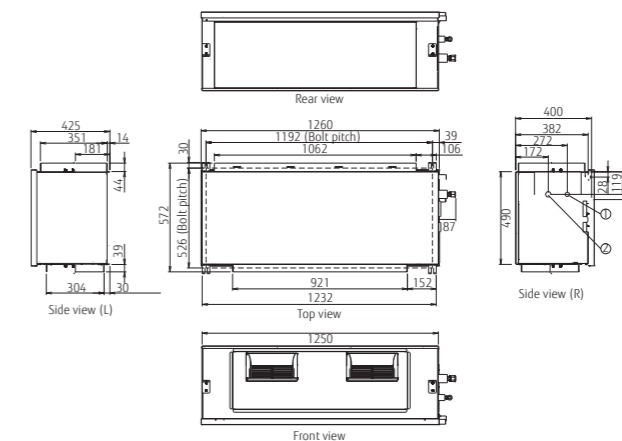
Model No.	Indoor unit		ARYG60LHTA	
	Outdoor unit		AOYG60LATT	
Power Source		V/Ø/Hz	400/3/50	
Capacity	Cooling (Min.-Max.)	kW	15.0(6.0-18.0)	
		Btu/h	51,200(21,200-60,000)	
Input Power	Cooling/Heating	kW	4.70/5.15	
		W/W	3.19	
EER	Cooling		3.19	
COP	Heating		3.50	
Running Current	Cooling/Heating	A	7/8	
Moisture Removal		l/h	2.0	
Sound Pressure Level (Cooling/Heating)	Indoor (High)		45/45	
	Outdoor	dB(A)	56/58	
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	3,350/3,350	
	Outdoor		6,900/7,300	
Net Dimensions H x W x D	Indoor	mm	425 x 1,250 x 490	
		kg(lbs)	54(119)	
Net Weight	Outdoor	mm	1,290 x 900 x 330	
		kg(lbs)	104(229)	
Piping Connections (Small / Large)		mm	9.52/15.88	
Drain Pipe Diameter (I.D./O.D.)			23.4/25.4	
Max. Pipe Length (Pre-Charge)		m	75(30)	
Max. Height Difference			30	
Operation Range	Cooling	°CDB	-10 to 46	
	Heating		-15 to 24	
Refrigerant			R410A	

## Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
- Simple Remote Controller: UTY-RSNYM
- External Switch Controller: UTY-TERX
- Remote Sensor Unit: UTY-XSZXZ1
- External Connect Kit: UTD-ECS5A
- IR Receiver Unit: UTY-LRHYM
- WLAN adapter: UTY-TFNXZ3
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV
- (Outdoor unit) External connect kit: UTY-XWZXZ2

## Dimensions

(Unit: mm)



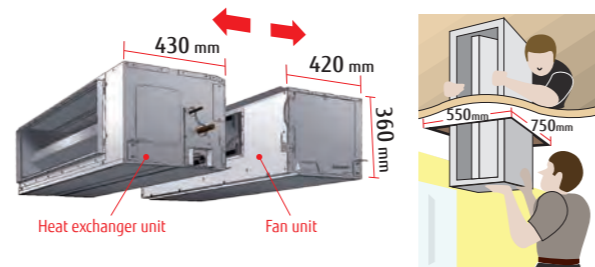
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)

# Big Duct



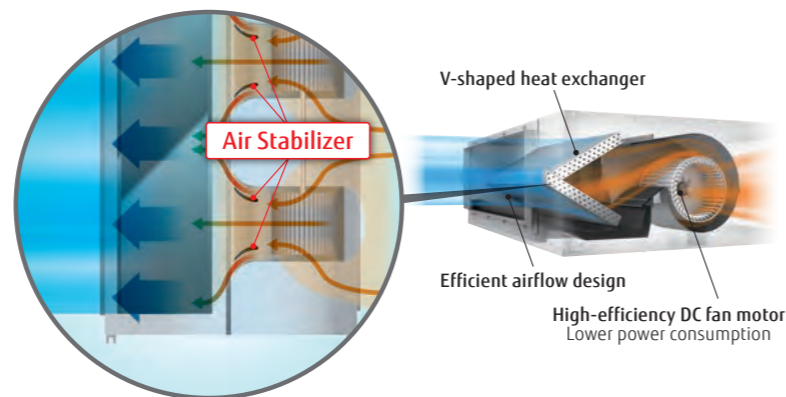
## Splittable, lightweight, and compact design

The indoor unit can be split into a fan unit and a heat exchanger unit to make installation easier.



## Quiet operation

The combination of a V-shaped heat exchanger, an air stabilizer, and a high-efficiency DC fan motor enables this compact unit to operate quietly.



## Automatic airflow adjustment function

The optimum airflow can be set automatically to facilitate faster installation.



Model: ARYG72LHTA / ARYG90LHTA



## Specifications

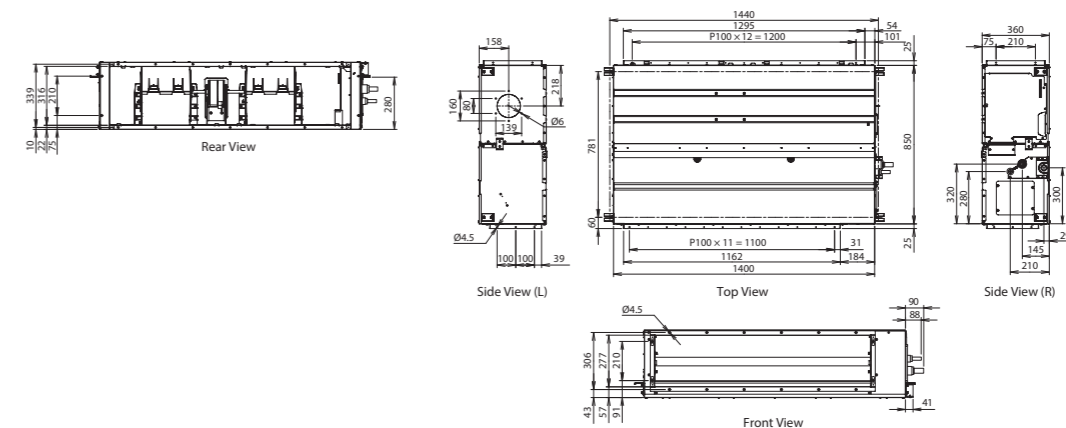
Model name	Indoor unit		ARYG72LHTA		ARYG90LHTA	
	Outdoor unit		AOYG72LRLA		AOYG90LRLA	
Power Source	Indoor	V/Hz	230/1/50	230/1/50		
	Outdoor		400/3/50	400/3/50		
Capacity	Cooling (Min.-Max.)	kW	19.0 (8.4-20.9)	22.0 (10.3-24.2)		
		Btu/h	64,800 (28,600-71,300)	75,000 (35,100-82,500)		
	Heating (Min.-Max.)	kW	22.4 (7.2-24.6)	27.0 (8.5-29.7)		
		Btu/h	76,400 (24,500-83,900)	92,100 (29,000-101,300)		
Input Power	Cooling/Heating	kW	6.46/6.59	7.77/8.18		
EER	Cooling		2.94	2.83		
COP	Heating	W/W	3.40	3.30		
Running Current (Cooling/Heating)	Indoor	A	3.2 / 3.2	3.5 / 3.5		
	Outdoor		11.2 / 11.5	13.5 / 14.1		
Moisture Removal		l/h	4.5	6.0		
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	46/46	47/47		
	Outdoor		55/55	55/57		
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	4,300/4,300	4,300/4,300		
	Outdoor		8,400/8,400	8,400/9,000		
Net Dimensions H x W x D	Indoor	mm	360 x 1,400 x 850	360 x 1,400 x 850		
		kg (lbs)	69 (152)	80 (176)		
Weight	Outdoor	mm	1,428 x 1,080 x 480	1,428 x 1,080 x 480		
		kg (lbs)	165 (364)	174 (384)		
Piping Connections (Small / Large)		mm	12.7/25.4	12.7/25.4		
Drain Hose Diameter (I.D./O.D.)			25/32	25/32		
Max. Pipe Length (Pre-Charge)		m	100 (30)	100 (30)		
Max. Height Difference			30	30		
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46		
	Heating		-20 to 24	-20 to 24		
Refrigerant			R410A	R410A		

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	Remote sensor unit:	UTY-XSZXZ1	External connect kit:	UTY-XWZXZG
	UTY-RNNYM	Long-life filter:	UTD-LFKA	Drain pump unit:	UTZ-PX1NAB
	UTY-RVNYM	IR receiver unit:	UTY-LBTYM	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRY		UTY-LRHYM		
Simple remote controller:	UTY-RSRY	MODBUS converter:	UTY-VMSX	(Outdoor unit)	
	UTY-RSNYM	KNX Converter:	UTY-VKSX	External connect kit:	UTY-XWZXZ3

## Dimensions

(Unit: mm)



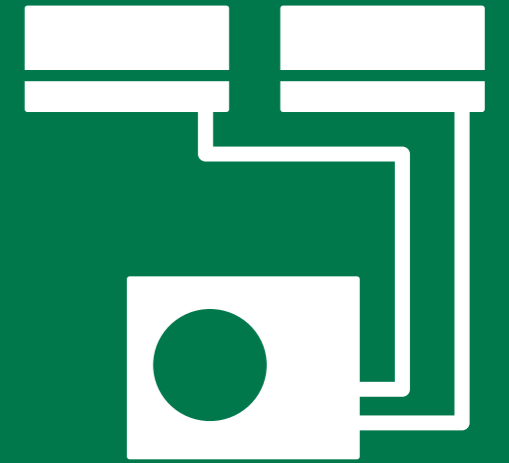


# Feature Summary

Country		🇸🇬 for Singapore				🇻🇳 for Vietnam		Common models								
Type	Wall Mounted	Cassette			Wall Mounted	Compact Cassette	Circular Flow Cassette	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct	Big Duct				
Air Conditioning Type	Cooling only			Cooling only	Cooling only	Heating & Cooling		Heating & Cooling								
Model No.	ASAG09/12CMTA	ASAG18CMTA	ASAG24/30CMTA	AUAH24/36CRLA	ASAG 09/12/18/24 CPTA-V	ASAG09LLTB-V ASAG12LLTA-V	AUXG18/24KVLA	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30 36/45/54 KRLB	ABYG 18/24/30/36/45 KRTA	ARXG18KLLAP	ARXG 24/30/36/45 KMLA	ARXG45/54KHTB	ARYG60LHTA	ARYG72/90LHTA	
Energy Saving Function	Save occupancy sensor				○					○						
	Economy operation	●	●	○	●	●				●	●	●	●	●	●	
	Room temperature set point limitation				○					○	○	○	○	○	●	
	Set temperature auto return				○					●	○	●	●	○	○	
Comfortable Function	Power diffuser															
	Powerful operation	●	●	●	●	●										
	10°C HEAT operation						●	●	○	○	○	○	○	○	○	
	Outdoor unit low noise operation					● (24)			○ (45/54)	○		○ (45)		○	○	
	Auto-changeover	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Up/down swing flaps	●	●	●	●	●	●	●	●	●	○					
	Double swing automatic		●	●		● (24)										
	Automatic fan speed	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Auto restart	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Connectable fresh air duct				●				○	●	●	●				
	Fresh air intake				○			○	○	○	○	○	○	○	○	
	Government Function	Connectable distributing duct			●				●			●				
Individual airflow direction control					○				○							
Auto off timer		●	●	●	○	●			●	○	●	●	●	○	●	
Sleep timer		●	●	●	○	●	●			○	○	○	○	○	○	
Program timer		●	●	●	○	●	●			○	○	○	○	○	○	
Weekly timer				○	○				●	●	●	●	●	●	●	
Weekly + setback timer									○	○		●	●	●	●	
Filter sign		●	●	●	●	●	●			●	●	●	●	●	●	
External error output		○	○	○	●				○	○	○	○	○	○	○	
External ON/OFF input		○	○	○	●				●		●	●	●	●	○	
Clean Function	Wireless LAN control	○	○	○	○				○	○	○	○	○	○	○	
	Ion deodorization filter															
	Apple-catechin filter															
	Long life filter											○	○		○	
	Washable panel	●	●	●		●	●									
	PM2.5 Filter					●										
Installation	Silver ion filter II (PM2.5+Anti virus)	●	●	●		○										
	Drain pump as standard							●	●	●	○	●	○		○	
	Blue fin	●	●	●	●	●						● (30/36/45)	● (30/36/45)	● (30/36/45)	●	

○: Optional function

PRODUCT CATEGORY  
**MULTI-SPLIT**



Control several indoor units with one outdoor unit. Build the optimum system you desire.

If you want to keep a large floor as well as many rooms comfortable, we recommend you use Multi-split to build a simple system using one outdoor unit. Choose from a large lineup of indoor units that best matches your rooms. You can mix and match them at will. Build the system that is just right for you.

M-002 **Outdoor Units Lineup**

M-004 **Connectable Indoor Units**

M-006 **3-unit, 4-unit Multi-split**

For Singapore

M-008 **2-Unit, 3-Unit, 4-Unit, 5-Unit Multi-Split**












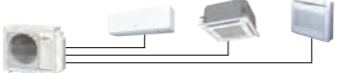




M-012 **Indoor Units Specifications**

M-016 **Multi-Split Combination Table**

M-030 **Feature Summary**



# Outdoor Units Lineup

Class		14	18	20	24	24	30	36	36	45
Cooling rated capacity(kW)		4.0	5.0	5.2-5.4	5.7	6.8	8.0	9.5	10.0	12.5
 for Singapore	3-unit, 4-unit Multi-split	3-unit Multi-split Up to 3 units   								
		4-unit Multi-split Up to 4 units   								
2-unit, 3-unit, 4-unit, 5-unit Multi-split	2-unit Multi-split	Up to 2 units  								
		Up to 2 units 								
	3-unit Multi-split	Up to 3 units  								
	4-unit Multi-split	Up to 4 units  								
	5-unit Multi-split	Up to 5 units  								

**Note: 1. 2-unit Multi-split:**  
Connectable indoor units are 2 units.  
AOAG18LAC2: Total capacity of indoor units connected must be between 4.0 kW and 7.0 kW.

**2. 3-unit Multi-split:**  
Connectable indoor units are 2 to 3 units.  
AOAG20LBA3/AOAG24LAT3: Total capacity of indoor units connected must be between 4.0 kW and 10.5 kW.

**3. 4-unit Multi-split:**  
Connectable indoor units are 3 to 4 units.  
AOAG30LAT4: Total capacity of indoor units connected must be between 7.9 kW and 14.4 kW.

**4. 5-unit Multi-split:**  
Connectable indoor units are 2 to 5 units  
AOYG36LBA5: Total capacity of indoor units connected must be between 7.5 kW and 15.5 kW.

**NEW** 3-unit, 4-unit Multi-split Connectable Indoor Units

Country	for Singapore	
Type	3-unit	4-unit
Model name	AOAH24CBTA3	AOAH30CBTA4
Multi-split Type Outdoor Unit		
Capacity (kW)	Cooling: 6.0 Heating: -	Cooling: 7.5 Heating: -

Indoor Unit	BTU	kW Class	3-unit	4-unit
 ASAH09/12CMCA	9,000	2.5	●	●
	12,000	3.5	●	●
 ASAH18/24CMTA	18,000	5.0	●	●
	24,000	7.0	-	●
 ASAH09/12CETA  ASAH09/12CETA-B	9,000	2.5	●	●
	12,000	3.5	●	●
 AUAH12/14/18CVLA	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●
 ARAH09/12/14CSLAP  ARAH18CSLAP	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
 ARAH24CMTAP	18,000	5.0	●	●
	24,000	6.0	-	●

2-unit to 5-unit Connectable Indoor Units

Country	Common models					
Type	2-unit		3-unit		4-unit	5-unit
Model name	AOYG14KBTA2	AOYG18KBTA2	AOYG18KBTA3	AOYG24KBTA3	AOYG30KBTA4	AOYG36KBTA5
Multi-split Type Outdoor Unit						
Capacity (kW)	Cooling: 4.0 Heating: 4.4	Cooling: 5.0 Heating: 5.6	Cooling: 5.4 Heating: 6.8	Cooling: 6.8 Heating: 8.0	Cooling: 8.0 Heating: 9.6	Cooling: 9.5 Heating: 10.6

Indoor Unit	BTU	kW Class	2-unit	3-unit	4-unit	5-unit
 ASYG07/09/12/14KMCE	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	-	●	●	●
<b>NEW</b> ASYG07/09/12/14KETE  ASYG07/09/12/14KETE-B	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	-	●	●	●
 ASYG07/09/12/14KGTE	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	-	●	●	●
 ASYG18/22/24KMTE	18,000	5.0	-	-	●	●
	22,000	6.0	-	-	-	●
	24,000	7.0	-	-	-	●
	7,000	2.0	●	●	●	●
 AUXG07/09/12/14/18/22KVLA	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	-	●	●	●
	18,000	5.0	-	-	●	●
	22,000	6.0	-	-	-	●
	7,000	2.0	●	●	●	●
 ARXG07/09/12/14/18KSLAP	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	-	●	●	●
	18,000	5.0	-	-	●	●
	7,000	2.0	●	●	●	●
 ARXG07/09/12/14/18KLLAP	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	-	●	●	●
	18,000	5.0	-	-	●	●
	22,000	6.0	-	-	-	●





3-unit: AOA24CBTA3  
4-unit: AOA30CBTA4



Specifications(3-unit, 4-unit)

Model No.			AOAH24CBTA3	AOAH30CBTA4
Power Source		V/Ø/Hz	230/1/50	230/1/50
Rated Capacity (min-max)	Cooling	kW	6.0 (1.8-9.0)	7.5 (2.4-11.0)
Sound pressure level	Cooling	dB(A)	53	53
Net Dimensions H × W × D		mm	716 × 820 × 315	884 × 820 × 315
Net Weight		kg (lbs)	48 (106)	58 (128)
Connection Pipe Diameter	Small (Liquid)	mm	6.35 × 3	
	Large (Gas)		9.52 × 2, 12.7 × 1	
Max. Pipe Length	Total / Each	m	50 / 25	
	Between Outdoor Unit and Each Indoor Units.		15	
Max. Height Difference	Between Indoor Units.	m	10	
	Between Outdoor Unit and Each Indoor Units.		15	
Operation Range	Cooling	°CDB	10 to 46	
	Heating		10 to 46	
Refrigerant	Type	kg	R32	
	Charge		1.8	

Note : Specifications are based on the following conditions.  
Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.  
Pipe length : 5m    Height difference : 0m (Outdoor unit - Indoor unit)

High energy saving

New models have achieved the top energy efficiency level (5 ticks) and low energy consumption.

3 unit Multi: AOA24CBTA3



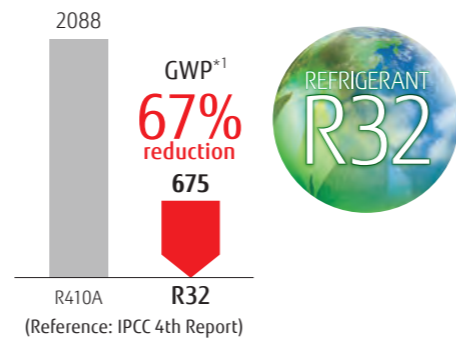
4 unit Multi: AOA30CBTA4



Adopting new R32 refrigerant

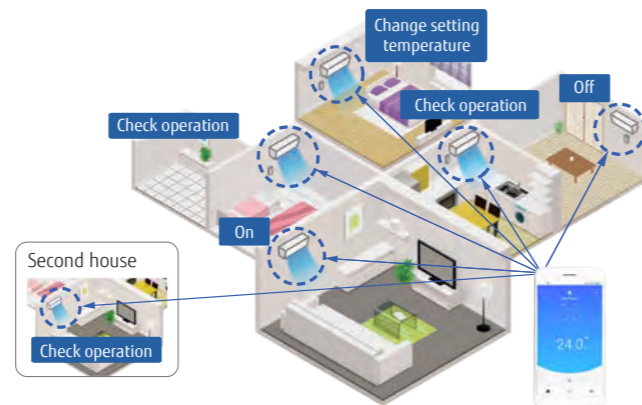
R32 refrigerant is an environmentally friendly refrigerant with a significantly lower Global Warming Potential (GWP) than conventional refrigerant.

\*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.



Wireless LAN adapter and *FGLair* app,

You can remotely operate your home air conditioner using your smartphone as a remote control. Using a special app, you can check the operating status and change the operation settings. With a single smartphone, you can check the operating status of your home.

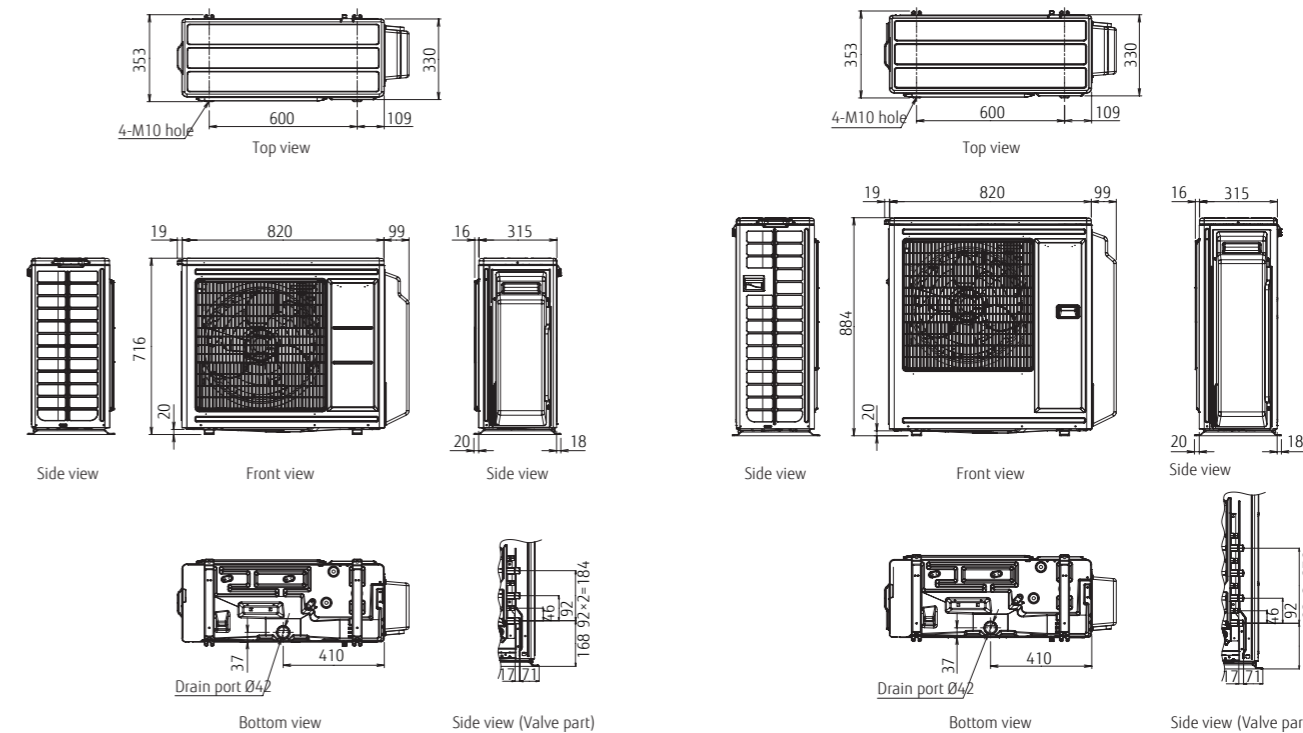


Dimensions

(Unit : mm)

Model: AOA24CBTA3

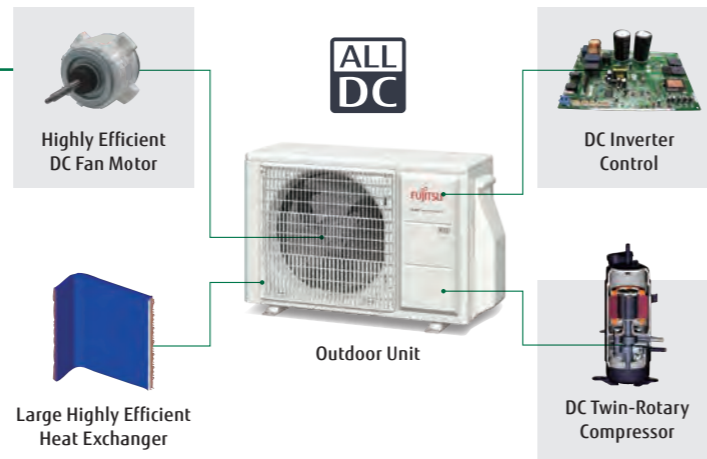
Model: AOA30CBTA4





### High energy saving

With the adoption of a high-efficiency DC twin-rotary compressor, all models achieved an energy efficiency scale of A+++ for cooling and A++ for heating.



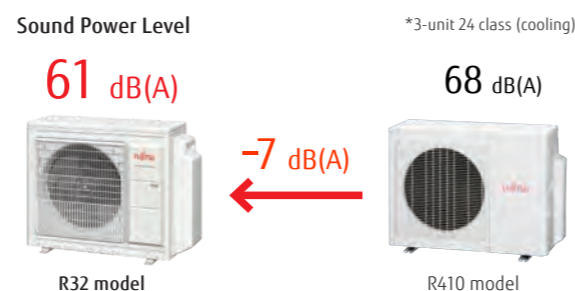
### R32 refrigerant model

In addition to its high energy efficiency, the R32 refrigerant has a larger volumetric capacity than the R410A refrigerant, which means the R32 refrigerant models require less refrigerant charge than the R410A models.

	Pre-charge refrigerant amount (kg)	
	R32	R410A
2-unit 14 class	0.9	1.25
2-unit 18 class	1.02	1.30
3-unit 18 class	1.8	2.2
3-unit 24 class	1.8	2.2
4-unit 30 class	2.2	3.3
5-unit 36 class	2.5	4.0

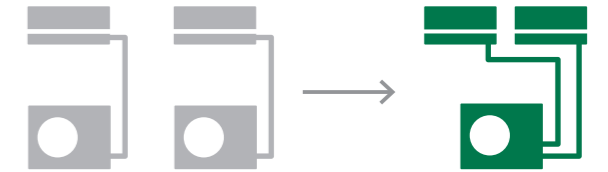
### Quiet operation

The sound power level is reduced by up to 7 dB compared to the current R410 models.



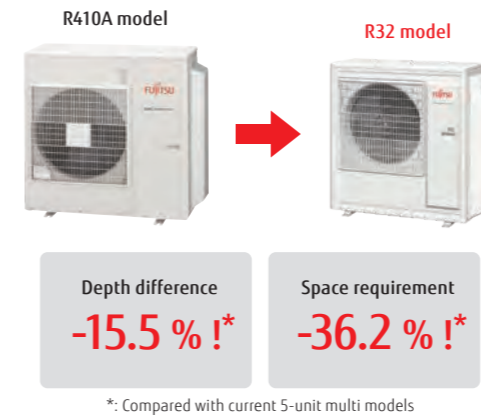
### Space-saving installation

Multiple indoor units can be connected to 1 outdoor unit by long piping as well. Unlike a single type, the outdoor unit can be installed in the most space-saving location.



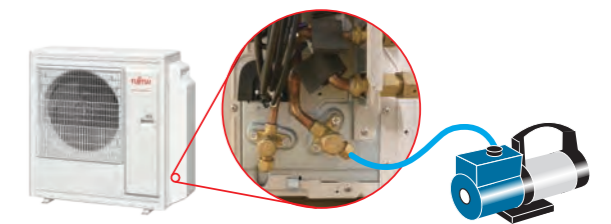
### Compact design

Unlike a single type, the outdoor unit can be installed in the most space-saving location.



### Easy evacuation

All connected pipes and indoor units can be evacuated quickly via our centralized valve method. Requires evacuation only once.



### Wide range of indoor units with various models

We offer 41 models in 5 types in a capacity range from 2.0 kW to 6.0 kW. Wide range of requirements can be realized from private homes through to large shops and hotels



### Models equipped with the New R32 Refrigerant

Wall-mounted type with sophisticated design



Middle and small capacity models are available. This makes installation easier in small spaces.





2-unit: AOYG14KBTA2 / AOYG18KBTA2  
 3-unit: AOYG18KBTA3 / AOYG24KBTA3  
 4-unit: AOYG30KBTA4  
 5-unit: AOYG36KBTA5



Specifications (2-unit)

Model name		AOYG14KBTA2		AOYG18KBTA2	
Power Source					
Single phase, ~230 V, 50 Hz					
Rated Capacity (Min. - Max.)	Cooling	4.0 (1.4-4.6)		5.0 (1.7-5.8)	
	Heating	4.4 (1.1-5.5)		5.6 (1.8-6.6)	
Sound Pressure Level (High)	Cooling	47		47	
	Heating	49		50	
Sound Power Level (High)	Cooling	60		60	
	Heating	62		62	
Airflow Rate	Cooling/Heating	1,670/1,670		1,960/2,020	
Net Dimensions H × W × D		542 × 799 × 290		632 × 799 × 290	
Weight		33 (73)		37 (82)	
Connection Pipe Diameter	Liquid	6.35 × 2		6.35 × 2	
	Gas	9.52 × 2		9.52 × 2	
Max. Pipe Length		30/20		30/20	
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	15		15	
	Between Indoor Units	10		10	
Operating Range	Cooling	-10 to 46		-10 to 46	
	Heating	-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)	R32 (675)		R32 (675)	
	Charge	0.9 (0.608)		1.02 (0.689)	

Specifications (3-unit)

Model name		AOYG18KBTA3		AOYG24KBTA3	
Power Source					
Single phase, ~230 V, 50 Hz					
Rated Capacity (Min. - Max.)	Cooling	5.4 (1.8-7.0)		6.8 (1.8-8.5)	
	Heating	6.8 (2.0-8.0)		8.0 (2.0-9.2)	
Sound Pressure Level (High)	Cooling	46		48	
	Heating	49		53	
Sound Power Level (High)	Cooling	59		61	
	Heating	61		67	
Airflow Rate	Cooling/Heating	2,220/2,160		2,270/2,730	
Net Dimensions H × W × D		716 × 820 × 315		716 × 820 × 315	
Weight		46 (102)		46 (102)	
Connection Pipe Diameter	Liquid	6.35 × 3		6.35 × 3	
	Gas	9.52 × 3		9.52 × 2, 12.70 × 1 adapter [12.70 → 9.52] × 1	
Max. Pipe Length		50/25		50/25	
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	15		15	
	Between Indoor Units	10		10	
Operating Range	Cooling	-10 to 46		-10 to 46	
	Heating	-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)	R32 (675)		R32 (675)	
	Charge	1.8 (1.215)		1.8 (1.215)	

Specifications (4-unit, 5-unit)

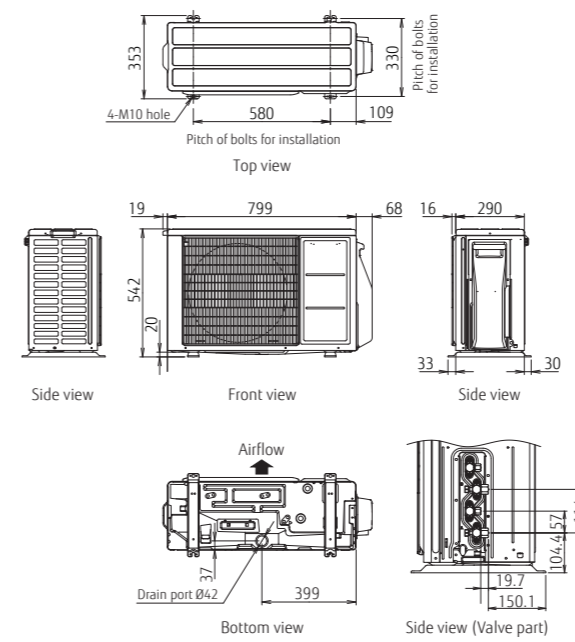
Model name		AOYG30KBTA4		AOYG36KBTA5	
Power Source					
Single phase, ~230 V, 50 Hz					
Rated Capacity (Min. - Max.)	Cooling	8.0 (2.4-10.1)		9.5 (3.0-11.0)	
	Heating	9.6 (3.0-11.2)		10.6 (3.5-12.0)	
Sound Pressure Level (High)	Cooling	50		52	
	Heating	54		55	
Sound Power Level (High)	Cooling	63		65	
	Heating	66		68	
Airflow Rate	Cooling/Heating	2,400/2,950		2,450/2,900	
Net Dimensions H × W × D		884 × 820 × 315		884 × 820 × 315	
Weight		55 (121)		59 (130)	
Connection Pipe Diameter	Liquid	6.35 × 4		6.35 × 5	
	Gas	9.52 × 2, 12.70 × 2 adapter [12.70 → 9.52] × 2		9.52 × 3, 12.70 × 2 adapter [12.70 → 9.52] × 2 adapter [9.52 → 12.70] × 1	
Max. Pipe Length*		70/25		75/25	
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	15		15	
	Between Indoor Units	10		10	
Operating Range	Cooling	-10 to 46		-10 to 46	
	Heating	-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)	R32 (675)		R32 (675)	
	Charge	2.2 (1.485)		2.5 (1.688)	

\*Length not applicable when floor units are connected. For details, refer to the installation manual.

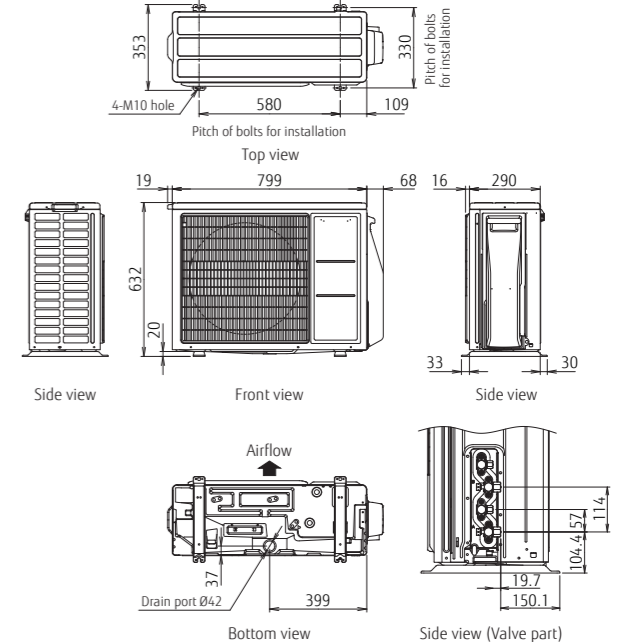
Dimensions

(Unit: mm)

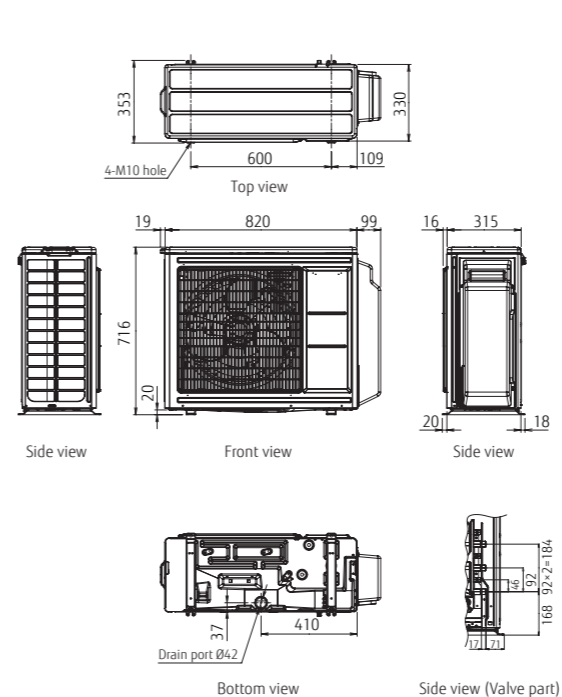
2-unit: AOYG14KBTA2



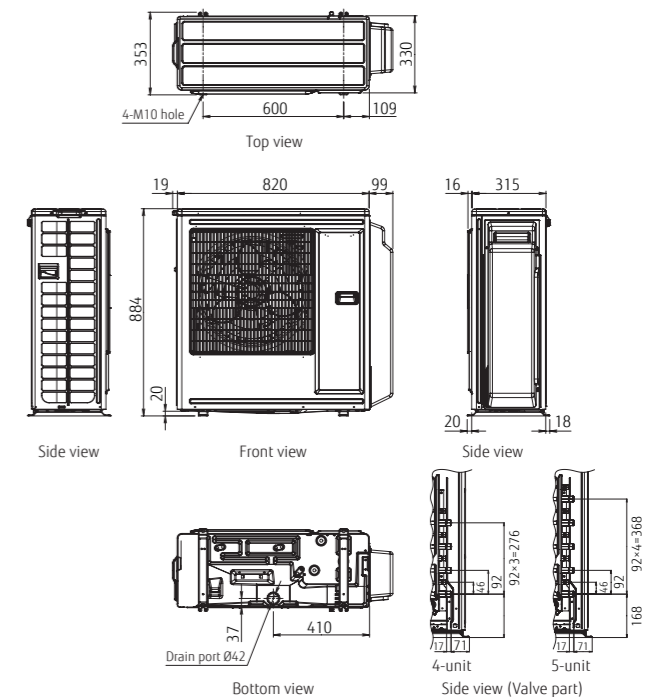
2-unit: AOYG18KBTA2



3-unit: AOYG18KBTA3/AOYG24KBTA3



4-unit: AOYG30KBTA4  
5-unit: AOYG36KBTA5



# 3-unit, 4-unit Multi-split Indoor Units Specifications



## Compact Wall mounted

NEW



Model No.	Indoor unit				ASAH09CETA ASAH09CETA-B	ASAH12CETA ASAH12CETA-B
kW Class	kW				2.5	3.5
Power Source	Single-phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/36/30/21		
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	770/560/430/250		
Net Dimensions H × W × D	mm			295 × 950 × 230		
Weight	kg(lbs)			11.5 (25)		
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52		

## Compact Wall mounted

NEW



Model No.	Indoor unit				ASAH09CMCA	ASAH12CMCA
kW Class	kW				2.5	3.5
Power Source	Single-phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/36/30/21		
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	770/560/430/250		
Net Dimensions H × W × D	mm			270 × 834 × 222		
Weight	kg(lbs)			10 (22)		
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52		

## Wall mounted

NEW



Model No.	Indoor unit				ASAH18CMTA	ASAH24CMTA
kW Class	kW				5.0	7.0
Power Source	Single-phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	45/40/35/29		
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	980/810/640/510		
Net Dimensions H × W × D	mm			280 × 980 × 240		
Weight	kg(lbs)			12.5(27)		
Connection Pipe Diameter	Liquid/Gas	mm		6.35/12.70		

## Compact cassette Grid type

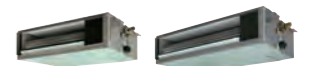
NEW



Model No.	Indoor unit				AUAH12CVLA	AUAH14CVLA	AUAH18CVLA
kW Class	kW				3.5	4.0	5.0
Power Source	Single-phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	37/34/31/28			42/37/33/29
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	610/530/470/410			750/610/520/410
Net Dimensions H × W × D	mm			245 × 570 × 570			245 × 570 × 570
Weight	kg(lbs)			15 (33)			15(33)
Panel	UTG-UFYF-W			UTG-UFYF-W			UTG-UFYF-W
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52			6.35/12.70

## Mini duct type

NEW



Model No.	Indoor unit				ARAH09CSLAP	ARAH12CSLAP	ARAH14CSLAP	ARAH18CSLAP
kW Class	kW				2.5	3.5	4.0	5.0
Power Source	Single-phase, ~230V, 50Hz							
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	29/26/24/23		31/27/25/23		35/30/27/23
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	600/450/400/360		650/490/430/360		800/640/530/360
Net Dimensions H × W × D	mm			198 × 700 × 450		198 × 700 × 450		198 × 700 × 450
Weight	kg(lbs)			15.5 (34)		15.5 (34)		18.5 (41)
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52		6.35/9.52		6.35/12.70
External static pressure	Pa			0 to 30		0 to 30		0 to 50
Drain pump				Standard		Standard		Standard

## Medium static pressure duct type

NEW



Model No.	Indoor unit				ARAH24CMTAP			
kW Class	kW				7.0			
Power Source	Single-phase, ~230V, 50Hz							
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	38/33/30/27				
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	1500/2270/1020/860				
Net Dimensions H × W × D	mm			240 × 1,000 × 700				
Weight	kg(lbs)			32				
Connection Pipe Diameter	Liquid/Gas	mm		6.35/12.7				
External static pressure	Pa			50 to 150				



# 2-unit to 5-unit Multi-split Indoor Units Specifications

## Wall-mounted type



Model name	Indoor unit		ASYG07KGTE	ASYG09KGTE	ASYG12KGTE	ASYG14KGTE
kW Class			2.0	2.5	3.5	4.0
Power Source			Single phase, ~230 V, 50 Hz			
Sound Pressure Level	Cooling	H/M/L/Q	38/33/29/21	40/34/29/21	40/35/30/21	43/36/30/21
	Heating		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Cooling	H	54	55	56	57
	Heating		56	57	58	59
Airflow Rate	Cooling	H/M/L/Q	650/540/430/270	700/560/430/270	700/560/430/270	770/600/450/280
	Heating		720/580/460/330	750/610/470/330	770/640/520/330	800/660/520/340
Net Dimensions			mm 270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
Weight			kg (lbs) 10 (22)	10 (22)	10 (22)	10 (22)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Wall-mounted type

NEW



Model name	Indoor unit		ASYG07KETE ASYG07KETE-B	ASYG09KETE ASYG09KETE-B	ASYG12KETE ASYG12KETE-B	ASYG14KETE ASYG14KETE-B
kW Class			2.0	2.5	3.5	4.0
Power Source			Single phase, ~230 V, 50 Hz			
Sound Pressure Level	Cooling	H/M/L/Q	38/33/29/21	40/34/29/21	40/35/30/21	43/36/30/21
	Heating		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Cooling	H	54	55	55	57
	Heating		56	57	58	59
Airflow Rate	Cooling	H/M/L/Q	650/540/430/270	700/560/430/270	700/560/430/270	770/600/450/280
	Heating		720/580/460/330	750/610/470/330	770/640/520/330	800/660/520/340
Net Dimensions			mm 295 × 950 (wall side: 840) × 230	295 × 950 (wall side: 840) × 230	295 × 950 (wall side: 840) × 230	295 × 950 (wall side: 840) × 230
Weight			kg (lbs) 11 (24)	11 (24)	11 (24)	11.5 (25)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Wall-mounted type



Model name	Indoor unit		ASYG07KMCE	ASYG09KMCE	ASYG12KMCE	ASYG14KMCE
kW Class			2.0	2.5	3.5	4.0
Power Source			Single phase, ~230 V, 50 Hz			
Sound Pressure Level	Cooling	H/M/L/Q	38/33/29/21	40/34/29/21	40/35/30/21	43/36/30/21
	Heating		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Cooling	H	54	55	55	57
	Heating		56	57	58	59
Airflow Rate	Cooling	H/M/L/Q	650/540/430/320	700/560/430/320	700/560/430/320	770/600/450/310
	Heating		720/580/460/330	750/610/470/330	780/640/520/330	820/660/520/340
Net Dimensions			mm 270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
Weight			kg (lbs) 10 (22)	10 (22)	10 (22)	10 (22)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Wall-mounted type



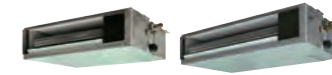
Model name	Indoor unit		ASYG18KMTE	ASYG22KMTE	ASYG24KMTE
kW Class			5.0	6.0	7.0
Power Source			Single phase, ~230 V, 50 Hz		
Sound Pressure Level	Cooling	H/M/L/Q	45/40/35/29	48/40/35/29	49/40/35/29
	Heating		46/40/35/29	48/40/35/29	49/40/35/29
Sound Power Level	Cooling	H	60	62	65
	Heating		61	62	65
Airflow Rate	Cooling	H/M/L/Q	980/810/640/510	1,060/810/640/510	1,170/850/640/510
	Heating		1,020/850/640/510	1,060/850/640/510	1,170/850/640/510
Net Dimensions			mm 280 × 980 × 240	280 × 980 × 240	280 × 980 × 240
Weight			kg (lbs) 12.5 (27)	12.5 (27)	12.5 (27)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/12.70	6.35/12.70	6.35/12.70

## Compact Cassette Grid Type



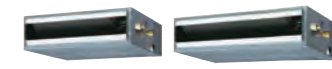
Model name	Indoor unit		AUXG07KVLA	AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA
kW Class			2.0	2.5	3.5	4.0	5.0	6.0
Power Source			Single phase, ~230 V, 50 Hz					
Sound Pressure Level	Cooling	H/M/L/Q	33/31/29/27	33/31/29/27	37/34/31/28	38/35/32/29	38/35/32/29	44/42/36/30
	Heating		34/32/29/27	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33
Sound Power Level	Cooling	H	46	46	49	50	50	56
	Heating		47	47	49	55	55	57
Airflow Rate	Cooling	H/M/L/Q	540/490/440/390	540/490/440/390	610/530/470/410	680/580/490/410	680/580/490/410	830/740/600/450
	Heating		540/490/440/390	540/490/440/390	610/530/470/410	790/680/580/450	790/680/580/450	860/760/700/530
Net Dimensions			mm 245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight			kg (lbs) 15 (33)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)
Panel			UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
Connection Pipe Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70

## Mini duct



Model name	Indoor unit		ARXG07KSLAP	ARXG09KSLAP	ARXG12KSLAP	ARXG14KSLAP	ARXG18KSLAP
kW Class			2.0	2.5	3.5	4.0	5.0
Power Source			Single phase, ~230 V, 50 Hz				
Sound Pressure Level	Cooling	H/M/L/Q	29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23	33/29/26/23
	Heating		29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23	33/29/26/23
Sound Power Level	Cooling	H	52	54	55	60	58
	Heating		53	56	57	62	59
Airflow Rate	Cooling	H/M/L/Q	550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360	940/750/540/480
	Heating		550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360	940/750/540/480
Net Dimensions			mm 198 × 700 × 450	198 × 700 × 450	198 × 700 × 450	198 × 700 × 450	198 × 900 × 450
Weight			kg (lbs) 15.5 (34)	15.5 (34)	15.5 (34)	15.5 (34)	18.5 (40)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
External static pressure			Pa 0 to 30	0 to 30	0 to 30	0 to 50	0 to 50
Drain pump			Standard	Standard	Standard	Standard	Standard

## Slim duct



Model name	Indoor unit		ARXG07KLLAP	ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
kW Class			2.0	2.5	3.5	4.0	5.0
Power Source			Single phase, ~230 V, 50 Hz				
Sound Pressure Level	Cooling	H/M/L/Q	28/26/25/24	28/27/26/25	29/28/27/26	32/30/28/26	32/30/29/27
	Heating		28/26/25/24	28/26/25/24	29/28/27/24	32/30/28/25	32/30/29/27
Sound Power Level	Cooling	H	57	57	58	60	58
	Heating		57	57	58	60	58
Airflow Rate	Cooling	H/M/L/Q	550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
	Heating		550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
Net Dimensions			mm 198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620
Weight			kg (lbs) 16 (35)	17 (37)	17 (37)	17 (37)	20 (44)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
External static pressure			Pa 0 to 90	0 to 90	0 to 90	0 to 90	0 to 90
Drain pump			Standard	Standard	Standard	Standard	Standard

## Medium Static Pressure Duct



Model name	Indoor unit		ARXG22KMLB
kW Class			6.0
Power Source			Single phase, ~230 V, 50 Hz
Sound Pressure Level	Cooling	H/M/L/Q	31/29/27/25
	Heating		31/29/27/25
Sound Power Level	Cooling	H	60
	Heating		62
Airflow Rate	Cooling	H/M/L/Q	1,100/910/750/580
	Heating		1,100/910/750/580
Net Dimensions			mm 270 × 1,135 × 700
Weight			kg (lbs) 35 (77)
Connection Pipe Diameter	Liquid/Gas	mm	6.35/12.70
External static pressure			Pa 30 to 150
Drain pump			Standard

# 3-unit Multi-split Combination Table-Cooling

## 3-unit Multi-split cooling

No current limitation

AOAH24CBTA3	Combination of indoor unit				Cooling Operation												EER
					Rated capacity for each indoor unit			Maximum capacity for each indoor unit			Total capacity			Input power			
	Unit 1	Unit 2	Unit 3	Total	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Min.	Rated	Max.	Min.	Rated	Max.	
2-unit connection	9	9	-	18	2.5	2.5	-	3.2	3.2	-	1.8	5.0	6.4	0.35	0.97	2.40	5.15
	12	9	-	21	3.2	2.4	-	4.2	3.1	-	1.8	5.6	7.3	0.35	1.25	2.48	4.48
	14	9	-	23	3.4	2.2	-	4.7	3.1	-	1.8	5.6	7.8	0.35	1.21	2.54	4.61
	18	9	-	27	3.7	1.9	-	6.0	3.0	-	1.8	5.6	9.0	0.35	1.14	2.65	4.91
	12	12	-	24	2.8	2.8	-	4.1	4.1	-	1.8	5.6	8.1	0.35	1.20	2.57	4.68
	14	12	-	26	3.0	2.6	-	4.7	4.0	-	1.8	5.6	8.7	0.35	1.16	2.62	4.83
	18	12	-	30	3.4	2.2	-	5.4	3.6	-	1.8	5.6	9.0	0.35	1.14	2.65	4.91
	14	14	-	28	2.8	2.8	-	4.5	4.5	-	1.8	5.6	9.0	0.35	1.12	2.65	4.99
	18	14	-	32	3.2	2.5	-	5.1	3.9	-	1.8	5.6	9.0	0.35	1.14	2.65	4.91
3-unit connection	9	9	9	27	2.0	2.0	2.0	3.0	3.0	3.0	1.8	6.0	9.0	0.35	1.15	2.65	5.21
	12	9	9	30	2.4	1.8	1.8	3.6	2.7	2.7	1.8	6.0	9.0	0.35	1.15	2.65	5.21
	14	9	9	32	2.6	1.7	1.7	3.9	2.5	2.5	1.8	6.0	9.0	0.35	1.15	2.65	5.21
	18	9	9	36	3.0	1.5	1.5	4.5	2.3	2.3	1.8	6.0	9.0	0.35	1.15	2.65	5.21
	12	12	9	33	2.2	2.2	1.6	3.3	3.3	2.5	1.8	6.0	9.0	0.35	1.15	2.65	5.21
	14	12	9	35	2.4	2.1	1.5	3.6	3.1	2.3	1.8	6.0	9.0	0.35	1.15	2.65	5.21

### Current limit 11 A

AOAH24CBTA3	Combination of indoor unit				Cooling Operation												EER
					Rated capacity for each indoor unit			Maximum capacity for each indoor unit			Total capacity			Input power			
	Unit 1	Unit 2	Unit 3	Total	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Min.	Rated	Max.	Min.	Rated	Max.	
2-unit connection	9	9	-	18	2.5	2.5	-	3.2	3.2	-	1.8	5.0	6.4	0.35	0.97	2.30	5.15
	12	9	-	21	3.2	2.4	-	4.2	3.1	-	1.8	5.6	7.3	0.35	1.25	2.30	4.48
	14	9	-	23	3.4	2.2	-	4.7	3.1	-	1.8	5.6	7.8	0.35	1.21	2.30	4.61
	18	9	-	27	3.7	1.9	-	5.7	2.9	-	1.8	5.6	8.6	0.35	1.14	2.30	4.91
	12	12	-	24	2.8	2.8	-	4.1	4.1	-	1.8	5.6	8.1	0.35	1.20	2.30	4.68
	14	12	-	26	3.0	2.6	-	4.5	3.9	-	1.8	5.6	8.4	0.35	1.16	2.30	4.83
	18	12	-	30	3.4	2.2	-	5.2	3.4	-	1.8	5.6	8.6	0.35	1.14	2.30	4.91
	14	14	-	28	2.8	2.8	-	4.3	4.3	-	1.8	5.6	8.6	0.35	1.12	2.30	4.99
	18	14	-	32	3.2	2.5	-	4.8	3.8	-	1.8	5.6	8.6	0.35	1.14	2.30	4.91
3-unit connection	9	9	9	27	2.0	2.0	2.0	2.9	2.9	2.9	1.8	6.0	8.6	0.35	1.15	2.30	5.21
	12	9	9	30	2.4	1.8	1.8	3.4	2.6	2.6	1.8	6.0	8.6	0.35	1.15	2.30	5.21
	14	9	9	32	2.6	1.7	1.7	3.8	2.4	2.4	1.8	6.0	8.6	0.35	1.15	2.30	5.21
	18	9	9	36	3.0	1.5	1.5	4.3	2.2	2.2	1.8	6.0	8.6	0.35	1.15	2.30	5.21
	12	12	9	33	2.2	2.2	1.6	3.1	3.1	2.3	1.8	6.0	8.6	0.35	1.15	2.30	5.21
	14	12	9	35	2.4	2.1	1.5	3.4	2.9	2.2	1.8	6.0	8.6	0.35	1.15	2.30	5.21

### Current limit 8.5 A

AOAH24CBTA3	Combination of indoor unit				Cooling Operation												EER
					Rated capacity for each indoor unit			Maximum capacity for each indoor unit			Total capacity			Input power			
	Unit 1	Unit 2	Unit 3	Total	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Min.	Rated	Max.	Min.	Rated	Max.	
2-unit connection	9	9	-	18	2.5	2.5	-	3.2	3.2	-	1.8	5.0	6.4	0.35	0.97	1.72	5.15
	12	9	-	21	3.2	2.4	-	3.8	2.9	-	1.8	5.6	6.7	0.35	1.25	1.72	4.48
	14	9	-	23	3.4	2.2	-	4.1	2.7	-	1.8	5.6	6.8	0.35	1.21	1.72	4.61
	18	9	-	27	3.7	1.9	-	4.8	2.4	-	1.8	5.6	7.2	0.35	1.14	1.72	4.91
	12	12	-	24	2.8	2.8	-	3.5	3.5	-	1.8	5.6	6.9	0.35	1.20	1.72	4.68
	14	12	-	26	3.0	2.6	-	3.8	3.3	-	1.8	5.6	7.1	0.35	1.16	1.72	4.83
	18	12	-	30	3.4	2.2	-	4.3	2.9	-	1.8	5.6	7.2	0.35	1.14	1.72	4.91
	14	14	-	28	2.8	2.8	-	3.6	3.6	-	1.8	5.6	7.2	0.35	1.12	1.72	4.99
	18	14	-	32	3.2	2.5	-	4.1	3.2	-	1.8	5.6	7.2	0.35	1.14	1.72	4.91
3-unit connection	9	9	9	27	2.0	2.0	2.0	2.4	2.4	2.4	1.8	6.0	7.2	0.35	1.15	1.72	5.21
	12	9	9	30	2.4	1.8	1.8	2.9	2.2	2.2	1.8	6.0	7.2	0.35	1.15	1.72	5.21
	14	9	9	32	2.6	1.7	1.7	3.2	2.0	2.0	1.8	6.0	7.2	0.35	1.15	1.72	5.21
	18	9	9	36	3.0	1.5	1.5	3.6	1.8	1.8	1.8	6.0	7.2	0.35	1.15	1.72	5.21
	12	12	9	33	2.2	2.2	1.6	2.6	2.6	2.0	1.8	6.0	7.2	0.35	1.15	1.72	5.21
	14	12	9	35	2.4	2.1	1.5	2.9	2.5	1.9	1.8	6.0	7.2	0.35	1.15	1.72	5.21

Note: • 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h, 18: 18,000 Btu/h  
 • The above is the value for connecting with wall-mounted type indoor unit.  
 • 2 or more indoor units should be connected.  
 • Cooling: Indoor temperature of 27°CDB/19°CWB and outdoor temperature of 35°CDB.  
 • Pipe length: 5 m, Height difference: 0 m (Outdoor unit-Indoor unit)  
 • The total ability of connected indoor units is from 18,000 Btu/h up to 36,000 Btu/h.

# 4-unit Multi-split Combination Table-Cooling

## 4-unit Multi-split cooling

No current limitation

AOAH30CBTA4	Combination of indoor unit					Cooling Operation												EER		
						Rated capacity for each indoor unit				Maximum capacity for each indoor unit				Total capacity			Input power			
	Unit 1	Unit 2	Unit 3	Unit 4	Total	Unit 1	Unit 2	Unit 3	Unit 4	Unit 1	Unit 2	Unit 3	Unit 4	Min.	Rated	Max.	Min.		Rated	Max.
2-unit connection	18	9	-	-	27	4.5	2.2	-	-	5.3	2.6	-	-	2.4	6.7	7.9	0.3	1.58	2.25	4.24
	24	9	-	-	33	4.9	1.8	-	-	7.3	2.7	-	-	2.4	6.7	10.0	0.3	1.54	3.05	4.34
	18	12	-	-	30	4.0	2.7	-	-	5.4	3.6	-	-	2.4	6.7	9.0	0.3	1.56	2.65	4.29
	24	12	-	-	36	4.5	2.2	-	-	7.3	3.7	-	-	2.4	6.7	11.0	0.3	1.52	3.45	4.40
	14	14	-	-	28	3.4	3.4	-	-	4.2	4.2	-	-	2.4	6.7	8.3	0.3	1.57	2.38	4.26
	18	14	-	-	32	3.8	2.9	-	-	5.4	4.2	-	-	2.4	6.7	9.6	0.3	1.55	2.92	4.33
	24	14	-	-	38	4.2	2.5	-	-	6.9	4.1	-	-	2.4	6.7	11.0	0.3	1.51	3.45	4.43
	18	18	-	-	36	3.4	3.4	-	-	5.5	5.5	-	-	2.4	6.7	11.0	0.3	1.52	3.45	4.40
	24	18	-	-	42	3.8	2.9	-	-	6.3	4.7	-	-	2.4	6.7	11.0	0.3	1.49	3.45	4.51
	24	24	-	-	48	3.4	3.4	-	-	5.5	5.5	-	-	2.4	6.7	11.0	0.3	1.45	3.45	4.62
	9	9	9	-	27	2.5	2.5	2.5	-	2.6	2.6	2.6	-	2.4	7.1	7.9	0.3	1.53	2.25	4.64
	12	9	9	-	30	2.8	2.1	2.1	-	3.6	2.7	2.7	-	2.4	7.1	9.0	0.3	1.52	2.65	4.67
	14	9	9	-	32	3.1	2.0	2.0	-	4.2	2.7	2.7	-	2.4	7.1	9.6	0.3	1.51	2.92	4.69
	18	9	9	-	36	3.6	1.8	1.8	-	5.5	2.8	2.8	-	2.4	7.1	11.0	0.3	1.50	3.45	4.72
	24	9	9	-	42	4.1	1.5	1.5	-	6.3	2.4	2.4	-	2.4	7.1	11.0	0.3	1.49	3.45	4.78
	12	12	9	-	33	2.6	2.6	1.9	-	3.6	3.6	2.7	-	2.4	7.1	10.0	0.3	1.51	3.05	4.70
	14	12	9	-	35	2.8	2.4	1.8	-	4.3	3.7	2.8	-	2.4	7.1	10.7	0.3	1.51	3.32	4.72
	18	12	9	-	39	3.3	2.2	1.6	-	5.1	3.4	2.5	-	2.4	7.1	11.0	0.3	1.49	3.45	4.75
	24	12	9	-	45	3.8	1.9	1.4	-	5.9	2.9	2.2	-	2.4	7.1	11.0	0.3	1.48	3.45	4.81
	14	14	9	-	37	2.7	2.7	1.7	-	4.2	4.2	2.7	-	2.4	7.1	11.0	0.3	1.50	3.45	4.73
	18	14	9	-	41	3.1	2.4	1.6	-	4.8	3.8	2.4	-	2.4	7.1	11.0	0.3	1.49	3.45	4.77
24	14	9	-	47	3.6	2.1	1.4	-	5.6	3.3	2.1	-	2.4	7.1	11.0	0.3	1.47	3.45	4.83	
18	18	9	-	45	2.8	2.8	1.4	-	4.4	4.4	2.2	-	2.4	7.1	11.0	0.3	1.48	3.45	4.81	
12	12	12	-	36	2.4	2.4	2.4	-	3.7	3.7	3.7	-	2.4	7.1	11.0	0.3	1.50	3.45	4.72	
14	12	12	-	38	2.6	2.2	2.2	-	4.1	3.5	3.5	-	2.4	7.1	11.0	0.3	1.50	3.45	4.74	
18	12	12	-	42	3.0	2.0	2.0	-	4.7	3.1	3.1	-	2.4	7.1	11.0	0.3	1.			





# 4-unit Multi-split Combination Table-Cooling

## 4-unit Multi-split cooling

Current limit 11 A

AOAH30CBA4	Combination of indoor unit				Cooling Operation															EER	
					Rated capacity for each indoor unit				Maximum capacity for each indoor unit				Total capacity			Input power					
					Unit 1	Unit 2	Unit 3	Unit 4	Unit 1	Unit 2	Unit 3	Unit 4	Min.	Rated	Max.	Min.	Rated	Max.			
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW							
2-unit connection	18	9	-	-	27	4.5	2.2	-	-	5.1	2.6	-	-	2.4	6.7	7.7	0.3	1.58	2.10	4.24	
	24	9	-	-	33	4.9	1.8	-	-	6.1	2.3	-	-	2.4	6.7	8.4	0.3	1.54	2.10	4.34	
	18	12	-	-	30	4.0	2.7	-	-	4.9	3.2	-	-	2.4	6.7	8.1	0.3	1.56	2.10	4.29	
	24	12	-	-	36	4.5	2.2	-	-	5.9	2.9	-	-	2.4	6.7	8.8	0.3	1.52	2.10	4.40	
	14	14	-	-	28	3.4	3.4	-	-	3.9	3.9	-	-	2.4	6.7	7.8	0.3	1.57	2.10	4.26	
	18	14	-	-	32	3.8	2.9	-	-	4.7	3.6	-	-	2.4	6.7	8.3	0.3	1.55	2.10	4.33	
	24	14	-	-	38	4.2	2.5	-	-	5.6	3.2	-	-	2.4	6.7	8.8	0.3	1.51	2.10	4.43	
	18	18	-	-	36	3.4	3.4	-	-	4.4	4.4	-	-	2.4	6.7	8.8	0.3	1.52	2.10	4.40	
	24	18	-	-	42	3.8	2.9	-	-	5.0	3.8	-	-	2.4	6.7	8.8	0.3	1.49	2.10	4.51	
	24	24	-	-	48	3.4	3.4	-	-	4.4	4.4	-	-	2.4	6.7	8.8	0.3	1.45	2.10	4.62	
	3-unit connection	9	9	9	-	27	2.5	2.5	2.5	-	2.6	2.6	2.6	-	2.4	7.1	7.7	0.3	1.53	2.10	4.64
		12	9	9	-	30	2.8	2.1	2.1	-	3.2	2.4	2.4	-	2.4	7.1	8.1	0.3	1.52	2.10	4.67
14		9	9	-	32	3.1	2.0	2.0	-	3.6	2.3	2.3	-	2.4	7.1	8.3	0.3	1.51	2.10	4.69	
18		9	9	-	36	3.6	1.8	1.8	-	4.4	2.2	2.2	-	2.4	7.1	8.8	0.3	1.50	2.10	4.72	
24		9	9	-	42	4.1	1.5	1.5	-	5.0	1.9	1.9	-	2.4	7.1	8.8	0.3	1.49	2.10	4.78	
12		12	9	-	33	2.6	2.6	1.9	-	3.1	3.1	2.3	-	2.4	7.1	8.4	0.3	1.51	2.10	4.70	
14		12	9	-	35	2.8	2.4	1.8	-	3.5	3.0	2.2	-	2.4	7.1	8.7	0.3	1.51	2.10	4.72	
18		12	9	-	39	3.3	2.2	1.6	-	4.1	2.7	2.0	-	2.4	7.1	8.8	0.3	1.49	2.10	4.75	
24		12	9	-	45	3.8	1.9	1.4	-	4.7	2.3	1.8	-	2.4	7.1	8.8	0.3	1.48	2.10	4.81	
14		14	9	-	37	2.7	2.7	1.7	-	3.3	3.3	2.1	-	2.4	7.1	8.8	0.3	1.50	2.10	4.73	
18		14	9	-	41	3.1	2.4	1.6	-	3.9	3.0	1.9	-	2.4	7.1	8.8	0.3	1.49	2.10	4.77	
24		14	9	-	47	3.6	2.1	1.4	-	4.5	2.6	1.7	-	2.4	7.1	8.8	0.3	1.47	2.10	4.83	
18		18	9	-	45	2.8	2.8	1.4	-	3.5	3.5	1.8	-	2.4	7.1	8.8	0.3	1.48	2.10	4.81	
12		12	12	-	36	2.4	2.4	2.4	-	2.9	2.9	2.9	-	2.4	7.1	8.8	0.3	1.50	2.10	4.72	
14		12	12	-	38	2.6	2.2	2.2	-	3.2	2.8	2.8	-	2.4	7.1	8.8	0.3	1.50	2.10	4.74	
18		12	12	-	42	3.0	2.0	2.0	-	3.8	2.5	2.5	-	2.4	7.1	8.8	0.3	1.49	2.10	4.78	
24		12	12	-	48	3.6	1.8	1.8	-	4.4	2.2	2.2	-	2.4	7.1	8.8	0.3	1.47	2.10	4.83	
14		14	12	-	40	2.5	2.5	2.1	-	3.1	3.1	2.6	-	2.4	7.1	8.8	0.3	1.49	2.10	4.76	
18		14	12	-	44	2.9	2.3	1.9	-	3.6	2.8	2.4	-	2.4	7.1	8.8	0.3	1.48	2.10	4.80	
18		18	12	-	48	2.7	2.7	1.8	-	3.3	3.3	2.2	-	2.4	7.1	8.8	0.3	1.47	2.10	4.83	
14	14	14	-	42	2.4	2.4	2.4	-	2.9	2.9	2.9	-	2.4	7.1	8.8	0.3	1.49	2.10	4.78		
18	14	14	-	46	2.8	2.2	2.2	-	3.4	2.7	2.7	-	2.4	7.1	8.8	0.3	1.47	2.10	4.82		
4-unit connection	9	9	9	9	36	1.9	1.9	1.9	1.9	2.2	2.2	2.2	2.2	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	12	9	9	9	39	2.3	1.7	1.7	1.7	2.7	2.0	2.0	2.0	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	14	9	9	9	41	2.6	1.6	1.6	1.6	3.0	1.9	1.9	1.9	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	18	9	9	9	45	3.0	1.5	1.5	1.5	3.5	1.8	1.8	1.8	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	12	12	9	9	42	2.1	2.1	1.6	1.6	2.5	2.5	1.9	1.9	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	14	12	9	9	44	2.4	2.0	1.5	1.5	2.8	2.4	1.8	1.8	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	18	12	9	9	48	2.8	1.9	1.4	1.4	3.3	2.2	1.7	1.7	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	14	14	9	9	46	2.3	2.3	1.5	1.5	2.7	2.7	1.7	1.7	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	12	12	12	9	45	2.0	2.0	2.0	1.5	2.3	2.3	2.3	1.8	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	14	12	12	9	47	2.2	1.9	1.9	1.4	2.6	2.2	2.2	1.7	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	14	14	12	9	49	2.1	2.1	1.8	1.4	2.5	2.5	2.2	1.6	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
	12	12	12	12	48	1.9	1.9	1.9	1.9	2.2	2.2	2.2	2.2	2.4	7.5	8.8	0.3	1.54	2.10	4.87	
24*1	9	9	9	51	3.5	1.3	1.3	1.3	4.1	1.6	1.6	1.6	2.4	7.5	8.8	0.3	1.54	2.10	4.87		
24*1	12	9	9	54	3.3	1.7	1.3	1.3	3.9	2.0	1.5	1.5	2.4	7.5	8.8	0.3	1.54	2.10	4.87		

Note: \*1: As for the 24 model, the wall-mounted type indoor unit is only connectable.  
 • 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h, 18: 18,000 Btu/h, 24: 24,000 Btu/h  
 • Values mentioned in the table are based on the following conditions:  
 - Power source of specifications: 230 V  
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit-Indoor unit)  
 - Cooling: Indoor temperature of 27°CDB/19°CWB, and outdoor temperature of 35°CDB.  
 • 2 or more indoor units should be connected.  
 • The total ability of connected a indoor unit is from 27,000 Btu/h up to 49,000 Btu/h.

## 4-unit Multi-split cooling

Current limit 8.5 A

AOAH30CBA4	Combination of indoor unit				Cooling Operation															EER	
					Rated capacity for each indoor unit				Maximum capacity for each indoor unit				Total capacity			Input power					
					Unit 1	Unit 2	Unit 3	Unit 4	Unit 1	Unit 2	Unit 3	Unit 4	Min.	Rated	Max.	Min.	Rated	Max.			
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW							
2-unit connection	18	9	-	-	27	4.5	2.2	-	-	4.5	2.2	-	-	2.4	6.7	6.7	0.3	1.58	1.65	4.24	
	24	9	-	-	33	4.9	1.8	-	-	5.3	2.0	-	-	2.4	6.7	7.3	0.3	1.54	1.65	4.34	
	18	12	-	-	30	4.0	2.7	-	-	4.2	2.8	-	-	2.4	6.7	7.0	0.3	1.56	1.65	4.29	
	24	12	-	-	36	4.5	2.2	-	-	5.1	2.5	-	-	2.4	6.7	7.6	0.3	1.52	1.65	4.40	
	14	14	-	-	28	3.4	3.4	-	-	3.4	3.4	-	-	2.4	6.7	6.8	0.3	1.57	1.65	4.26	
	18	14	-	-	32	3.8	2.9	-	-	4.1	3.2	-	-	2.4	6.7	7.2	0.3	1.55	1.65	4.33	
	24	14	-	-	38	4.2	2.5	-	-	4.8	2.8	-	-	2.4	6.7	7.6	0.3	1.51	1.65	4.43	
	18	18	-	-	36	3.4	3.4	-	-	3.8	3.8	-	-	2.4	6.7	7.6	0.3	1.52	1.65	4.40	
	24	18	-	-	42	3.8	2.9	-	-	4.3	3.3	-	-	2.4	6.7	7.6	0.3	1.49	1.65	4.51	
	24	24	-	-	48	3.4	3.4	-	-	3.8	3.8	-	-	2.4	6.7	7.6	0.3	1.45	1.65	5.24	
	3-unit connection	9	9	9	-	27	2.5	2.5	2.5	-	2.2	2.2	2.2	-	2.4	7.1	6.7	0.3	1.53	1.65	4.38
		12	9	9	-	30	2.8	2.1	2.1	-	2.8	2.1	2.1	-	2.4	7.1	7.0	0.3	1.52	1.65	4.67
14		9	9	-	32	3.1	2.0	2.0	-	3.2	2.0	2.0	-	2.4	7.1	7.2	0.3	1.51	1.65	4.69	
18		9	9	-	36	3.6	1.8	1.8	-	3.8	1.9	1.9	-	2.4	7.1	7.6	0.3	1.50	1.65	4.72	
24		9	9	-	42	4.1	1.5	1.5	-	4.3	1.6	1.6	-	2.4	7.1	7.6	0.3	1.49	1.65	4.78	
12		12	9	-	33	2.6	2.6	1.9	-	2.7	2.7	2.0	-	2.4	7.1	7.3	0.3	1.51	1.65	4.70	
14		12	9	-	35	2.8	2.4	1.8	-	3.0	2.6	1.9	-	2.4	7.1	7.5	0.3	1.51	1.65	4.72	
18		12	9	-	39	3.3	2.2	1.6	-	3.5	2.3	1.8	-	2.4	7.1	7.6	0.3	1.49	1.65	4.75	
24		12	9	-	45	3.8	1.9	1.4	-	4.1	2.0	1.5	-	2.4	7.1	7.6	0.3	1.48	1.65	4.81	
14		14	9	-	37	2.7	2.7	1.7	-	2.9	2.9	1.8	-	2.4	7.1	7.6	0.3	1.50	1.65	4.73	
18		14	9	-	41	3.1	2.4	1.6	-	3.3	2.6	1.7	-	2.4	7.1	7.6	0.3	1.49	1.65	4.77	
24		14	9	-	47	3.6	2.1	1.4	-	3.9	2.3	1.5	-	2.4	7.1	7.6	0.3	1.47	1.65	4.83	
18		18	9	-	45	2.8	2.8	1.4	-	3.0	3.0	1.5	-	2.4	7.1	7.6	0.3	1.48	1.65	4.81	
12		12	12	-	36	2.4	2.4	2.4	-	2.5	2.5	2.5	-	2.4	7.1	7.6	0.3	1.50	1.65		

# 2-unit Multi-split Combination Table-Cooling/Heating

## 2-unit Multi-split cooling

AOYG14KBTAZ	Combination of Indoor Units		Cooling Operation				Seasonal Data			
			Cooling Capacity			Input Power (Min. - Max.) kW	EER	Pdesign kW	SEER	Energy efficiency class
			Unit 1 kW	Unit 2 kW	Total Capacity (Min. - Max.) kW					
2-unit connection	7	7	2.00	2.00	4.00 (1.4-4.6)	0.97 (0.25-1.20)	4.12	4.0	8.7	A+++
	7	9	1.75	2.25	4.00 (1.4-4.6)	0.97 (0.25-1.20)	4.12	4.0	8.7	A+++
	7	12	1.47	2.53	4.00 (1.4-4.6)	0.97 (0.25-1.20)	4.12	4.0	8.7	A+++
	9	9	2.00	2.00	4.00 (1.4-4.6)	0.97 (0.25-1.20)	4.12	4.0	8.7	A+++
	9	12	1.71	2.29	4.00 (1.4-4.6)	0.97 (0.25-1.20)	4.12	4.0	8.7	A+++

Notes: \*7: 7000 Btu/h/9: 9000 Btu/h/12: 12000 Btu/h models  
 •The above specifications apply when connected with a wall-mounted [KG] unit.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is determined based on 27°CDB/19°CWB (indoor temperature) and 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •Total capacity of indoor units connected must be between 4.0 kW and 6.0 kW.

AOYG18KBTAZ	Combination of Indoor Units		Cooling Operation				Seasonal Data			
			Cooling Capacity			Input Power (Min. - Max.) kW	EER	Pdesign kW	SEER	Energy efficiency class
			Unit 1 kW	Unit 2 kW	Total Capacity (Min. - Max.) kW					
2-unit connection	7	7	2.00	2.00	4.00 (1.7-5.0)	0.92 (0.25-1.23)	4.35	4.0	8.8	A+++
	7	9	2.00	2.50	4.50 (1.7-5.7)	1.07 (0.25-1.45)	4.22	4.5	8.7	A+++
	7	12	1.84	3.16	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++
	7	14	1.67	3.33	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++
	9	9	2.50	2.50	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++
	9	12	2.14	2.86	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++
	9	14	1.96	3.04	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++
	12	12	2.50	2.50	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++
	12	14	2.31	2.69	5.00 (1.7-5.8)	1.24 (0.25-1.55)	4.03	5.0	8.6	A+++

Notes: \*7: 7000 Btu/h/9:9000 Btu/h/12: 12000 Btu/h/14: 14000 Btu/h models  
 •The above specifications apply when connected with a wall-mounted [KG] unit.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is determined based on 27°CDB/19°CWB (indoor temperature) and 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •Total capacity of indoor units connected must be between 4.0 kW and 7.5 kW.

## 2-unit Multi-split heating

AOYG14KBTAZ	Combination of Indoor Units		Heating Operation				Seasonal Data			
			Heating Capacity			Input Power (Min. - Max.) kW	COP	Pdesign kW	SEER	Energy efficiency class
			Unit 1 kW	Unit 2 kW	Total Capacity (Min. - Max.) kW					
2-unit connection	7	7	2.20	2.20	4.40 (1.1-5.5)	0.95 (0.25-1.65)	4.63	3.5	4.7	A++
	7	9	1.92	2.48	4.40 (1.1-5.5)	0.95 (0.25-1.65)	4.63	3.5	4.7	A++
	7	12	1.62	2.78	4.40 (1.1-5.5)	0.95 (0.25-1.65)	4.63	3.5	4.7	A++
	9	9	2.20	2.20	4.40 (1.1-5.5)	0.95 (0.25-1.65)	4.63	3.5	4.7	A++
	9	12	1.89	2.51	4.40 (1.1-5.5)	0.95 (0.25-1.65)	4.63	3.5	4.7	A++

Notes: \*7: 7000 Btu/h/9: 9000 Btu/h/12: 12000 Btu/h models  
 •The above specifications apply when connected with a wall-mounted [KG] unit.  
 •2 or more indoor units should be connected.  
 •Heating capacity is determined based on 20°CDB (indoor temperature) and 7°CDB/6°CWB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •Total capacity of indoor units connected must be between 4.0 kW and 6.0 kW.

AOYG18KBTAZ	Combination of Indoor Units		Heating Operation				Seasonal Data			
			Heating Capacity			Input Power (Min. - Max.) kW	COP	Pdesign kW	SEER	Energy efficiency class
			Unit 1 kW	Unit 2 kW	Total Capacity (Min. - Max.) kW					
2-unit connection	7	7	2.40	2.40	4.80 (1.7-5.6)	0.99 (0.25-1.35)	4.85	3.8	4.7	A++
	7	9	2.40	3.00	5.40 (1.7-6.4)	1.15 (0.25-1.60)	4.70	4.0	4.7	A++
	7	12	2.06	3.54	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++
	7	14	1.87	3.73	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++
	9	9	2.80	2.80	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++
	9	12	2.40	3.20	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++
	9	14	2.19	3.41	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++
	12	12	2.80	2.80	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++
	12	14	2.58	3.02	5.60 (1.7-7.0)	1.22 (0.25-1.80)	4.59	4.2	4.7	A++

Notes: \*7: 7000 Btu/h/9:9000 Btu/h/12: 12000 Btu/h/14: 14000 Btu/h models  
 •The above specifications apply when connected with a wall-mounted [KG] unit.  
 •2 or more indoor units should be connected.  
 •Heating capacity is determined based on 20°CDB (indoor temperature) and 7°CDB/6°CWB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •Total capacity of indoor units connected must be between 4.0 kW and 7.5 kW.





# 3-unit Multi-split Combination Table-Cooling/Heating

## 3-unit Multi-split cooling

AOYG18KBTA3	Combination of Indoor Units			Cooling Operation						Seasonal Data			
				Cooling Capacity				Input Power (Min. - Max.) kW	EER	Pdesign kW	SEER	Energy efficiency	
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW						
2-unit connection	7	7	-	2.00	2.00	-	4.00 (1.8-5.0)	0.86 (0.35-1.35)	4.65	4.0	8.3	A++	
	7	9	-	2.00	2.50	-	4.50 (1.8-5.7)	1.03 (0.35-1.54)	4.36	4.5	8.2	A++	
	7	12	-	1.99	3.41	-	5.40 (1.8-6.8)	1.41 (0.35-1.85)	3.83	5.4	8.0	A++	
	7	14	-	1.80	3.60	-	5.40 (1.8-7.0)	1.41 (0.35-1.90)	3.83	5.4	8.0	A++	
	9	9	-	2.50	2.50	-	5.00 (1.8-6.4)	1.23 (0.35-1.74)	4.06	5.0	8.1	A++	
	9	12	-	2.31	3.09	-	5.40 (1.8-7.0)	1.41 (0.35-1.90)	3.83	5.4	8.0	A++	
	9	14	-	2.11	3.29	-	5.40 (1.8-7.0)	1.41 (0.35-1.90)	3.83	5.4	8.0	A++	
	12	12	-	2.70	2.70	-	5.40 (1.8-7.0)	1.41 (0.35-1.90)	3.83	5.4	8.0	A++	
	12	14	-	2.49	2.91	-	5.40 (1.8-7.0)	1.41 (0.35-1.90)	3.83	5.4	8.0	A++	
	14	14	-	2.70	2.70	-	5.40 (1.8-7.0)	1.41 (0.35-1.90)	3.83	5.4	8.0	A++	
	3-unit connection	7	7	7	1.80	1.80	1.80	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++
		7	7	9	1.64	1.64	2.12	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++
		7	7	12	1.45	1.45	2.50	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++
		7	7	14	1.35	1.35	2.70	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++
7		9	9	1.52	1.94	1.94	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++	
7		9	12	1.35	1.74	2.31	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++	
7		9	14	1.26	1.62	2.52	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++	
9		9	9	1.80	1.80	1.80	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++	
9		9	12	1.62	1.62	2.16	5.40 (1.8-7.0)	1.13 (0.35-1.90)	4.78	5.4	8.6	A+++	

AOYG24KBTA3	Combination of Indoor Units			Cooling Operation						Seasonal Data			
				Cooling Capacity				Input Power (Min. - Max.) kW	EER	Pdesign kW	SEER	Energy efficiency	
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW						
2-unit connection	7	7	-	2.00	2.00	-	4.00 (1.8-5.0)	0.86 (0.35-1.35)	4.65	4.0	8.3	A++	
	7	9	-	2.00	2.50	-	4.50 (1.8-5.7)	1.03 (0.35-1.54)	4.36	4.5	8.2	A++	
	7	12	-	2.00	3.50	-	5.50 (1.8-6.8)	1.46 (0.35-1.85)	3.77	5.5	8.0	A++	
	7	14	-	2.00	4.00	-	6.00 (1.8-7.5)	1.73 (0.35-2.20)	3.48	6.0	7.6	A++	
	7	18	-	1.90	4.90	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	9	9	-	2.50	2.50	-	5.00 (1.8-6.4)	1.23 (0.35-1.74)	4.06	5.0	8.1	A++	
	9	12	-	2.50	3.50	-	6.00 (1.8-7.5)	1.73 (0.35-2.20)	3.48	6.0	7.6	A++	
	9	14	-	2.50	4.00	-	6.50 (1.8-8.2)	2.04 (0.35-2.46)	3.19	6.5	7.2	A++	
	9	18	-	2.27	4.53	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	12	12	-	3.40	3.40	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	12	14	-	3.14	3.66	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	12	18	-	2.72	4.08	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	14	14	-	3.40	3.40	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	14	18	-	2.98	3.82	-	6.80 (1.8-8.5)	2.26 (0.35-2.65)	3.01	6.8	6.9	A++	
	3-unit connection	7	7	7	2.00	2.00	2.00	6.00 (1.8-7.5)	1.37 (0.35-2.20)	4.37	6.0	8.6	A+++
		7	7	9	2.00	2.00	2.50	6.50 (1.8-8.2)	1.59 (0.35-2.46)	4.08	6.5	8.5	A+++
		7	7	12	1.83	1.83	3.14	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++
		7	7	14	1.70	1.70	3.40	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++
7		7	18	1.49	1.49	3.82	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		9	9	1.90	2.45	2.45	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		9	12	1.70	2.19	2.91	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		9	14	1.59	2.04	3.17	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		9	18	1.40	1.80	3.60	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		12	12	1.54	2.63	2.63	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		12	14	1.44	2.47	2.89	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
7		14	14	1.36	2.72	2.72	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
9		9	9	2.27	2.27	2.27	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
9		9	12	2.04	2.04	2.72	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
9		9	14	1.91	1.91	2.98	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
9		9	18	1.70	1.70	3.40	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
9		12	12	1.86	2.47	2.47	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
9		12	14	1.75	2.33	2.72	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	
12		12	12	2.27	2.27	2.27	6.80 (1.8-8.5)	1.74 (0.35-2.65)	3.90	6.8	8.5	A+++	

Notes: •7: 7000 Btu/h/9: 9000 Btu/h/12: 12000 Btu/h/14: 14000 Btu/h/18: 18000 Btu/h models  
 •The above specifications apply when connected with a wall-mounted unit.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is determined based on 27°CDB/19°CWB (indoor temperature) and 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •Total capacity of indoor units connected must be between 4.0 kW and 10.5 kW.

## 3-unit Multi-split heating

AOYG18KBTA3	Combination of Indoor Units			Heating Operation						Seasonal Data			
				Heating Capacity				Input Power (Min. - Max.) kW	COP	Pdesign kW	SCOP	Energy efficiency	
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW						
2-unit connection	7	7	-	2.40	2.40	-	4.80 (2.0-5.6)	1.00 (0.25-1.30)	4.80	4.0	4.2	A+	
	7	9	-	2.40	3.00	-	5.40 (2.0-6.4)	1.21 (0.25-1.48)	4.45	4.0	4.2	A+	
	7	12	-	2.40	4.20	-	6.60 (2.0-7.6)	1.66 (0.25-1.76)	3.98	5.0	4.0	A+	
	7	14	-	2.27	4.53	-	6.80 (2.0-8.0)	1.77 (0.25-1.85)	3.84	5.0	4.0	A+	
	9	9	-	3.00	3.00	-	6.00 (2.0-7.2)	1.44 (0.25-1.67)	4.17	4.5	4.1	A+	
	9	12	-	2.91	3.89	-	6.80 (2.0-8.0)	1.77 (0.25-1.85)	3.84	5.0	4.0	A+	
	9	14	-	2.66	4.14	-	6.80 (2.0-8.0)	1.77 (0.25-1.85)	3.84	5.0	4.0	A+	
	12	12	-	3.40	3.40	-	6.80 (2.0-8.0)	1.77 (0.25-1.85)	3.84	5.0	4.0	A+	
	12	14	-	3.14	3.66	-	6.80 (2.0-8.0)	1.77 (0.25-1.85)	3.84	5.0	4.0	A+	
	14	14	-	3.40	3.40	-	6.80 (2.0-8.0)	1.77 (0.25-1.85)	3.84	5.0	4.0	A+	
	3-unit connection	7	7	7	2.27	2.27	2.27	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++
		7	7	9	2.07	2.07	2.66	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++
		7	7	12	1.83	1.83	3.14	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++
		7	7	14	1.70	1.70	3.40	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++
7		9	9	1.90	2.45	2.45	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++	
7		9	12	1.70	2.19	2.91	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++	
7		9	14	1.59	2.04	3.17	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++	
9		9	9	2.27	2.27	2.27	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++	
9		9	12	2.04	2.04	2.72	6.80 (2.0-8.0)	1.39 (0.25-1.85)	4.89	5.0	4.7	A++	

AOYG24KBTA3	Combination of Indoor Units			Heating Operation						Seasonal Data			
				Heating Capacity				Input Power (Min. - Max.) kW	COP	Pdesign kW	SCOP	Energy efficiency	
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW						
2-unit connection	7	7	-	2.40	2.40	-	4.80 (2.0-5.6)	1.00 (0.25-1.30)	4.80	4.0	4.2	A+	
	7	9	-	2.40	3.00	-	5.40 (2.0-6.4)	1.21 (0.25-1.48)	4.45	4.0	4.2	A+	
	7	12	-	2.40	4.20	-	6.60 (2.0-7.6)	1.66 (0.25-1.76)	3.98	5.0	4.0	A+	
	7	14	-	2.40	4.80	-	7.20 (2.0-8.4)	1.86 (0.25-2.07)	3.87	5.4	4.0	A+	
	7	18	-	2.16	5.54	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	9	9	-	3.00	3.00	-	6.00 (2.0-7.2)	1.44 (0.25-1.67)	4.17	4.5	4.1	A+	
	9	12	-	3.00	4.20	-	7.20 (2.0-8.4)	1.86 (0.25-2.07)	3.87	5.4	4.0	A+	
	9	14	-	2.96	4.74	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	9	18	-	2.57	5.13	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	12	12	-	3.85	3.85	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	12	14	-	3.55	4.15	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	12	18	-	3.08	4.62	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	14	14	-	3.85	3.85	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	14	18	-	3.37	4.33	-	7.70 (2.0-9.2)	2.01 (0.25-2.35)	3.83	5.8	4.0	A+	
	3-unit connection	7	7	7	2.40	2.40	2.40	7.20 (2.0-8.4)	1.61 (0.25-2.07)	4.48	5.4	4.6	A++
		7	7	9	2.40	2.40	3.00	7.80 (2.0-9.2)	1.76 (0.25-2.35)	4.42	5.8	4.6	A++
		7	7	12	2.15	2.15	3.70	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
		7	7	14	2.00	2.00	4.00	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
7		7	18	1.75	1.75	4.50	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
7		9	9	2.24	2.88	2.88	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
7		9	12	2.00	2.57	3.43	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
7		9	14	1.87	2.40	3.73	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
7		9	18	1.65	2.12	4.23	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
7		12</											

# 4-unit Multi-split Combination Table-Cooling/Heating

## 4-unit Multi-split cooling

AOYG30KBTA4	Combination of Indoor Units		Cooling Operation						Seasonal Data												
			Cooling Capacity				Input Power (Min. - Max.)	EER	Pdesign	SEER	Energy efficiency										
			Unit 1	Unit 2	Unit 3	Unit 4						Total Capacity (Min. - Max.)									
			kW	kW	kW	kW	kW														
2-unit connection	7	22	-	-	2.00	6.00	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	7	24	-	-	1.81	6.19	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	9	22	-	-	2.32	5.68	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	9	24	-	-	2.18	5.82	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	12	18	-	-	3.20	4.80	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	12	22	-	-	2.82	5.18	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	12	24	-	-	2.67	5.33	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	14	18	-	-	3.50	4.50	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	14	22	-	-	3.11	4.89	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	14	24	-	-	2.95	5.05	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	18	18	-	-	4.00	4.00	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	18	22	-	-	3.60	4.40	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	18	24	-	-	3.43	4.57	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	22	22	-	-	4.00	4.00	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	22	24	-	-	3.83	4.17	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	24	24	-	-	4.00	4.00	-	-	8.00 (2.4-10.1)	2.67 (0.45-3.25)	3.00	8.0	7.5	A++							
	7	7	12	-	2.00	2.00	3.50	-	7.50 (2.4-9.3)	2.10 (0.45-2.84)	3.57	7.5	8.1	A++							
	7	7	14	-	2.00	2.00	4.00	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++							
	7	7	18	-	1.75	1.75	4.50	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++							
	7	7	22	-	1.56	1.56	4.88	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++							
	7	7	24	-	1.47	1.47	5.06	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++							
	7	9	9	-	2.00	2.50	2.50	-	7.00 (2.4-8.9)	1.90 (0.45-2.65)	3.69	7.0	8.2	A++							
	7	9	12	-	2.00	2.50	3.50	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++							
	7	9	14	-	1.87	2.40	3.73	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++							
7	9	18	-	1.64	2.12	4.24	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	9	22	-	1.47	1.89	4.64	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	9	24	-	1.40	1.80	4.80	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	12	12	-	1.80	3.10	3.10	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	12	14	-	1.70	2.91	3.39	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	12	18	-	1.51	2.59	3.90	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	12	22	-	1.37	2.34	4.29	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	12	24	-	1.30	2.23	4.47	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	14	14	-	1.60	3.20	3.20	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	14	18	-	1.44	2.87	3.69	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	14	22	-	1.30	2.60	4.10	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	14	24	-	1.24	2.49	4.27	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	18	18	-	1.30	3.35	3.35	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	18	22	-	1.19	3.06	3.75	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	18	24	-	1.14	2.94	3.92	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	9	9	-	2.50	2.50	2.50	-	7.50 (2.4-9.6)	2.10 (0.45-3.01)	3.57	7.5	8.1	A++								
9	9	12	-	2.40	2.40	3.20	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	9	14	-	2.25	2.25	3.50	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	9	18	-	2.00	2.00	4.00	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	9	22	-	1.80	1.80	4.40	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	9	24	-	1.71	1.71	4.58	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	12	12	-	2.18	2.91	2.91	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	12	14	-	2.06	2.74	3.20	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	12	18	-	1.85	2.46	3.69	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	12	22	-	1.67	2.23	4.10	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	12	24	-	1.60	2.13	4.27	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	14	14	-	1.94	3.03	3.03	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	14	18	-	1.76	2.73	3.51	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	14	22	-	1.60	2.49	3.91	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	14	24	-	1.53	2.38	4.09	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
9	18	18	-	1.60	3.20	3.20	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	12	12	-	2.67	2.67	2.67	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	12	14	-	2.53	2.53	2.94	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	12	18	-	2.29	2.29	3.42	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	12	22	-	2.09	2.09	3.82	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	12	24	-	2.00	2.00	4.00	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	14	14	-	2.40	2.80	2.80	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	14	18	-	2.18	2.55	3.27	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
12	14	22	-	2.00	2.00	3.00	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
14	14	14	-	2.67	2.67	2.67	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
14	14	18	-	2.43	2.43	3.14	-	8.00 (2.4-10.1)	2.32 (0.45-3.25)	3.45	8.0	8.0	A++								
7	7	7	7	2.00	2.00	2.00	2.00	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.87	1.87	1.87	2.39	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	12	1.70	1.70	1.70	2.90	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	14	1.60	1.60	1.60	3.20	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	18	1.44	1.44	1.44	3.68	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.75	1.75	2.25	2.25	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.60	1.60	2.06	2.74	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.51	1.51	1.95	3.03	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.37	1.37	1.76	3.50	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	12	1.47	1.47	2.53	2.53	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	12	1.40	1.40	2.40	2.80	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	12	1.27	1.27	2.18	3.28	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	14	1.33	1.33	2.67	2.67	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	14	1.22	1.22	2.43	3.13	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.64	2.12	2.12	2.12	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.51	1.95	1.95	2.59	8.00 (2.4-10.1)	2.05 (0.45-3.25)	3.90	8.0	8.5	A+++								
7	7	7	9	1.43																	





# 5-unit Multi-split Combination Table-Cooling

## 5-unit Multi-split cooling

AOYG36KBTAs	Combination of Indoor Units					Cooling Operation					Seasonal Data					
						Cooling Capacity								Input Power (Min. - Max.)	EER	
						Unit 1	Unit 2	Unit 3	Unit 4	Unit 5						Total Capacity (Min. - Max.)
					Pdesign		SEER		Energy efficiency							
					kW	kW	kW	kW	kW	kW	kW					
2-unit connection	7	24	-	-	-	2.00	7.00	-	-	-	9.00 (3.0-11.0)	2.91 (0.30-3.45)	3.09	9.0	7.9	A++
	9	22	-	-	-	2.50	6.00	-	-	-	8.50 (3.0-11.0)	2.67 (0.30-3.45)	3.18	8.5	7.9	A++
	9	24	-	-	-	2.50	7.00	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	12	22	-	-	-	3.50	6.00	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	12	24	-	-	-	3.17	6.33	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	14	22	-	-	-	3.69	5.61	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	14	24	-	-	-	3.50	6.00	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	18	18	-	-	-	4.75	4.75	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	18	22	-	-	-	4.27	5.23	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	18	24	-	-	-	4.07	5.43	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	22	22	-	-	-	4.75	4.75	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	22	24	-	-	-	4.54	4.96	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	24	24	-	-	-	4.75	4.75	-	-	-	9.50 (3.0-11.0)	3.17 (0.30-3.45)	3.00	9.5	7.8	A++
	7	7	14	-	-	2.00	2.00	4.00	-	-	8.00 (3.0-10.0)	2.26 (0.30-2.88)	3.54	8.0	8.2	A++
	7	7	18	-	-	2.00	2.00	5.00	-	-	9.00 (3.0-11.0)	2.68 (0.30-3.45)	3.36	9.0	8.1	A++
	7	7	22	-	-	1.85	1.85	5.80	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
	7	7	24	-	-	1.75	1.75	6.00	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
	7	9	12	-	-	2.00	2.50	3.50	-	-	8.00 (3.0-10.0)	2.26 (0.30-2.88)	3.54	8.0	8.2	A++
	7	9	14	-	-	2.00	2.50	4.00	-	-	8.50 (3.0-10.7)	2.46 (0.30-3.27)	3.45	8.5	8.1	A++
	7	9	18	-	-	2.00	2.50	5.00	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
	7	9	22	-	-	1.75	2.25	5.50	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
	7	9	24	-	-	1.66	2.14	5.70	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
	7	12	12	-	-	2.00	3.50	3.50	-	-	9.00 (3.0-11.0)	2.68 (0.30-3.45)	3.36	9.0	8.1	A++
	7	12	14	-	-	2.00	3.50	4.00	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
	7	12	18	-	-	1.80	3.08	4.62	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++
7	12	22	-	-	1.62	2.78	5.10	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	12	24	-	-	1.55	2.65	5.30	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	14	14	-	-	1.90	3.80	3.80	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	14	18	-	-	1.71	3.41	4.38	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	14	22	-	-	1.55	3.09	4.86	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	14	24	-	-	1.47	2.96	5.07	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	18	18	-	-	1.54	3.98	3.98	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	18	22	-	-	1.41	3.64	4.45	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	18	24	-	-	1.36	3.49	4.65	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	9	9	-	-	2.50	2.50	2.50	-	-	7.50 (3.0-9.6)	2.07 (0.30-2.70)	3.63	7.5	8.2	A++	
9	9	12	-	-	2.50	2.50	3.50	-	-	8.50 (3.0-10.7)	2.46 (0.30-3.27)	3.45	8.5	8.1	A++	
9	9	14	-	-	2.50	2.50	4.00	-	-	9.00 (3.0-11.0)	2.68 (0.30-3.45)	3.36	9.0	8.1	A++	
9	9	18	-	-	2.38	2.38	4.74	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	9	22	-	-	2.14	2.14	5.22	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	9	24	-	-	2.04	2.04	5.42	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	12	12	-	-	2.50	3.50	3.50	-	-	9.00 (3.0-11.0)	2.68 (0.30-3.45)	3.36	9.0	8.1	A++	
9	12	14	-	-	2.44	3.26	3.80	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	12	18	-	-	2.19	2.92	4.39	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	12	22	-	-	1.99	2.65	4.86	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	12	24	-	-	1.90	2.53	5.07	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	14	14	-	-	2.32	3.59	3.59	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	14	18	-	-	2.09	3.24	4.17	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	14	22	-	-	1.90	2.96	4.64	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	14	24	-	-	1.82	2.83	4.85	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	18	18	-	-	1.90	3.80	3.80	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	18	22	-	-	1.74	3.49	4.27	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
9	18	24	-	-	1.68	3.35	4.47	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	12	12	-	-	3.17	3.17	3.17	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	12	14	-	-	3.00	3.00	3.50	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	12	18	-	-	2.71	2.71	4.08	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	12	22	-	-	2.48	2.48	4.54	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	12	24	-	-	2.38	2.38	4.74	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	14	14	-	-	2.84	3.33	3.33	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	14	18	-	-	2.59	3.02	3.89	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	14	22	-	-	2.38	2.77	4.35	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	14	24	-	-	2.28	2.66	4.56	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	18	18	-	-	2.38	3.56	3.56	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	18	22	-	-	2.19	3.29	4.02	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
12	18	24	-	-	2.11	3.17	4.22	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
14	14	14	-	-	3.17	3.17	3.17	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
14	14	18	-	-	2.89	2.89	3.72	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
14	14	22	-	-	2.66	2.66	4.18	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
14	14	24	-	-	2.56	2.56	4.38	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
14	18	18	-	-	2.66	3.42	3.42	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
18	18	18	-	-	3.17	3.17	3.17	-	-	9.50 (3.0-11.0)	2.91 (0.30-3.45)	3.27	9.5	8.0	A++	
7	7	7	7	-	2.00	2.00	2.00	2.00	-	8.00 (3.0-10.0)	2.11 (0.30-2.88)	3.80	8.0	8.5	A++	
7	7	7	9	-	2.00	2.00	2.00	2.50	-	8.50 (3.0-10.7)	2.29 (0.30-3.27)	3.71	8.5	8.4	A++	
7	7	7	12	-	2.00	2.00	2.00	3.50	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	7	14	-	1.90	1.90	1.90	3.80	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	7	18	-	1.71	1.71	1.71	4.37	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	7	22	-	1.55	1.55	1.55	4.85	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	7	24	-	1.48	1.48	1.48	5.06	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	9	9	-	2.00	2.00	2.50	2.50	-	9.00 (3.0-11.0)	2.49 (0.30-3.45)	3.62	9.0	8.4	A++	
7	7	9	12	-	1.90	1.90	2.44	3.26	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	9	14	-	1.80	1.80	2.31	3.59	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	9	18	-	1.62	1.62	2.09	4.17	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	9	22	-	1.48	1.48	1.90	4.64	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	9	24	-	1.41	1.41	1.82	4.86	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	12	12	-	1.75	1.75	3.00	3.00	-	9.50 (3.0-11.0)	2.69 (0.30-3.45)	3.53	9.5	8.3	A++	
7	7	12	14	-	1.66	1.66	2.85	3.33	-	9.50 (3.0-11.0)						



# 5-unit Multi-split Combination Table-Heating

## 5-unit Multi-split heating

AOYG36KBTAS	Combination of Indoor Units				Heating Operation						Seasonal Data				
					Heating Capacity					Input Power (Min. - Max.)	COP	Pdesign kW	SCOP	Energy efficiency	
					Unit 1	Unit 2	Unit 3	Unit 4	Unit 5						Total Capacity (Min. - Max.)
2-unit connection	7	24	-	-	2.39	8.21	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	9	22	-	-	3.00	7.20	-	-	-	10.20 (3.5-12.0)	2.52 (0.25-3.25)	4.04	6.8	4.3	A+
	9	24	-	-	2.89	7.71	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	12	22	-	-	3.74	6.86	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	12	24	-	-	3.53	7.07	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	14	24	-	-	4.12	3.68	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	14	24	-	-	3.91	6.69	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	18	18	-	-	5.30	5.30	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	18	22	-	-	4.77	5.83	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	18	24	-	-	4.54	6.06	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	22	22	-	-	5.30	5.30	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	22	24	-	-	5.07	5.53	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	24	24	-	-	5.30	5.30	-	-	-	10.60 (3.5-12.0)	2.65 (0.25-3.25)	4.00	7.0	4.3	A+
	7	7	14	-	2.40	2.40	4.80	-	-	9.60 (3.5-11.2)	2.25 (0.25-2.87)	4.26	6.5	4.5	A+
	7	7	18	-	2.32	2.32	5.96	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	7	22	-	2.06	2.06	6.48	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	7	24	-	1.95	1.95	6.70	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	9	12	-	2.40	3.00	4.20	-	-	9.60 (3.5-11.2)	2.25 (0.25-2.87)	4.26	6.5	4.5	A+
	7	9	14	-	2.40	3.00	4.80	-	-	10.20 (3.5-12.0)	2.42 (0.25-3.25)	4.21	6.8	4.4	A+
	7	9	18	-	2.18	2.81	5.61	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	9	22	-	1.95	2.51	6.14	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	9	24	-	1.85	2.39	6.36	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	12	12	-	1.72	1.72	4.44	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
	7	12	14	-	2.25	3.85	4.50	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+
7	12	18	-	2.00	3.44	5.16	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	12	22	-	1.81	3.10	5.69	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	12	24	-	1.72	2.96	5.92	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	14	14	-	2.12	4.24	4.24	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	14	18	-	1.90	3.81	4.89	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	14	22	-	1.73	3.45	5.42	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	14	24	-	1.65	3.30	5.65	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	18	18	-	1.72	4.44	4.44	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	18	22	-	1.58	4.06	4.96	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	18	24	-	1.51	3.89	5.20	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	9	9	-	3.00	3.00	3.00	-	-	9.00 (3.5-10.8)	2.09 (0.25-2.70)	4.31	6.0	4.5	A+	
9	9	12	-	3.00	3.00	4.20	-	-	10.20 (3.5-12.0)	2.42 (0.25-3.25)	4.21	6.8	4.4	A+	
9	9	14	-	2.98	2.98	4.64	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	9	18	-	2.65	2.65	5.30	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	9	22	-	2.39	2.39	5.82	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	9	24	-	2.27	2.27	6.06	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	12	12	-	2.80	3.85	4.85	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	12	14	-	2.73	3.63	4.24	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	12	18	-	2.45	3.26	4.89	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	12	22	-	2.22	2.96	5.42	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	12	24	-	2.12	2.83	5.65	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	14	14	-	2.58	4.01	4.01	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	14	18	-	2.33	3.62	4.65	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	14	22	-	2.12	3.30	5.18	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	14	24	-	2.03	3.16	5.41	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	18	18	-	2.12	4.24	4.24	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	18	22	-	1.95	3.89	4.76	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
9	18	24	-	1.87	3.74	4.99	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	12	12	-	3.53	3.53	3.53	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	12	14	-	3.35	3.35	3.90	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	12	18	-	3.03	3.03	4.54	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	12	22	-	2.77	2.77	5.06	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	12	24	-	2.65	2.65	5.30	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	14	14	-	3.18	3.71	3.71	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	14	18	-	2.89	3.27	4.34	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	14	22	-	2.65	3.09	4.86	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	14	24	-	2.54	2.97	5.09	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	18	18	-	2.64	3.98	3.98	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	18	22	-	2.45	3.67	4.48	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
12	18	24	-	2.36	3.53	4.71	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
14	14	14	-	3.53	3.53	3.53	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
14	14	18	-	3.23	3.23	4.14	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
14	14	22	-	2.97	2.97	4.66	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
14	14	24	-	2.89	2.85	4.90	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
14	18	18	-	2.96	3.82	3.82	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
18	18	18	-	3.53	3.53	3.53	-	-	10.60 (3.5-12.0)	2.54 (0.25-3.25)	4.18	7.0	4.4	A+	
7	7	7	7	2.40	2.40	2.40	2.40	-	9.60 (3.5-11.2)	2.17 (0.25-2.87)	4.42	6.5	4.6	A++	
7	7	7	9	2.40	2.40	2.40	3.00	-	10.20 (3.5-12.0)	2.33 (0.25-3.25)	4.37	6.8	4.5	A+	
7	7	7	12	2.25	2.25	2.25	3.85	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	7	14	2.12	2.12	2.12	4.24	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	7	18	1.90	1.90	1.90	4.90	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	7	22	1.73	1.73	1.73	5.41	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	7	24	1.65	1.65	1.65	5.65	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	9	9	2.32	2.32	2.98	2.98	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	9	12	2.12	2.12	2.73	3.63	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	9	14	2.01	2.01	2.57	4.01	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	9	18	1.81	1.81	2.33	4.65	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	9	22	1.65	1.65	2.12	5.18	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	9	24	1.58	1.58	2.03	5.41	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	12	12	1.95	1.95	3.35	3.35	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	12	14	1.86	1.86	3.17	3.71	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	12	18	1.69	1.69	2.88	4.34	-	10.60 (3.5-12.0)	2.44 (0.25-3.25)	4.34	7.0	4.5	A+	
7	7	12	22	1.55	1.55	2.64	4.86	-							



# Feature Summary

Country	for Singapore													
	Wall-mounted type				Cassette		Duct		Wall-mounted type				Cassette	Duct
Type	Designer Series		Standard Series	Compact 4-way Flow Grid type Series	Mini	Medium Static Pressure	Designer Series		Standard Series		Compact 4-way Flow Grid type Series	Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure
Series	Designer Series		Standard Series	Compact 4-way Flow Grid type Series	Mini	Medium Static Pressure	Designer Series		Standard Series		Compact 4-way Flow Grid type Series	Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure
Model name														
Model name	ASAH09/12CMCA	ASAH09/12CETA ASAH09/12CETA-B	ASAH18/24CMTA	AUAH12/14/18CVLA	ARAH 09/12/14/18 CSLAP	ARAH24CMTAP	ASYG07/09/12/14KGTE	ASYG07/09/12/14KETE ASYG07/09/12/14KETE-B	ASYG07/09/12/14KMCE	ASYG18/22/24KMTE	AUXG 07/09/12/14/18/22 KVLA	ARXG 07/09/12/14/18 KSLAP	ARXG 07/09/12/14/18 KLLAP	ARXG22KMLB
Energy-saving Features	Save Occupancy sensor													
	Economy operation	●	●	●	●	●	●	●	●	●	●	●	●	●
	Room temperature set point limitation	○	○	○	○	○	○	○	○	○	○	○	○	○
	Set temperature auto return	○	○	○	○	○	○	○	○	○	○	●	●	●
Features for Comfort	Power diffuser													
	Powerful operation							●	●	●	●			
	10°C heat operation							●	●	●	●	○	○	○
	Outdoor unit low noise operation							●	●	●	●			
	Auto changeover	●	●	●	●	●	●	●	●	●	●	●	●	●
	UP/DOWN swing louver	●	●	●	●	○		●	●	●	●	●	○	○
	Double swing automatic										●			
	Automatic fan speed	●	●	●	●	●	●	●	●	●	●	●	●	●
	Auto restart	●	●	●	●	●	●	●	●	●	●	●	●	●
	Connectable fresh air duct				○		●							
	Fresh air intake				○		○				○		○	○
	Connectable distributing duct													●
Convenience Features	Auto-off timer	●	●	●	○	○	○	○	○	○	○	●	●	●
	Sleep timer	●	●	●	○	○	○	○	○	○	○	○	○	○
	Program timer	●	●	●	○	○	○	○	○	○	○	○	○	○
	Weekly timer	○	○	○	○	○	○	○	○	○	○	○	○	○
	Weekly & Temperature setback timer	○	○	○	○	○	○	○	○	○	○	○	○	○
	Filter sign	●	●	●	●	●	●	●	●	●	●	●	●	●
	External error output	●	●	●	●	●	●	○	○	○	○	○	○	○
	External ON/OFF input	●	●	●	●	●	●	○	○	○	○	○	○	○
Clean Features	Wireless LAN control	○	○	○	○	○	○	○	○	○	○	○	○	○
	Ion deodorization filter	●	●	●				●	●	●	●			
	Apple-catechin filter	●	●	●				●	●	●	●			
	Long-life filter						○							○
	Washable panel	●	●	●				●	●	●	●			
	Silver ion filter	○	○	○	○	○	○							
Installation	Silver ion filter II (PM2.5+Anti virus)							○	○	○	○			
	Drain pump as standard				●	●	●				●	●	●	○

○ : Optional function

PRODUCT CATEGORY  
**CONTROL SYSTEM**  
& OPTIONAL PARTS



All indoor units are provided with wireless or wired remote controllers as standard equipment. Other options, such as individual and central remote controllers, are also available.

- C-002 Individual Control
- C-008 Control System List
- C-012 Optional Parts
- C-013 Optional Parts List
- C-018 Optional Parts Lineup



# Wired remote controller (with touch panel)

UTY-RNRYZ5



## Easy operation due to large high-resolution STN-LCD touch panel screen

- Touch screen LCD
- Built-in daily/weekly timer (ON/OFF, temperature, modes)
- Backlit screen for easy operation in the dark.
- Room temperature display
- Controls up to 16 indoor units
- Supports 12 languages: Chinese, Dutch, English, French, German, Greek, Italian, Polish, Portuguese, Russian, Spanish, and Turkish
- nonpolar 2-core type

Up to **16** indoor units

Up to **1** group

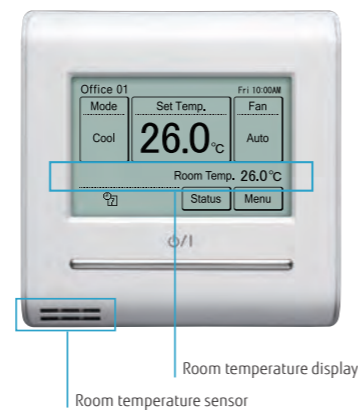
## High performance and compact size

A single remote controller controls each connected indoor unit and provides a weekly timer function and a variety of energy-saving options.



## Accurate control for comfort

A thermo sensor built into the remote controller monitors room temperature accurately.



## Energy saving controls

### Custom Auto

- Maintains 2 separate setpoints for heating and cooling operations.
- Automatically switches between heating and cooling modes.

\* Not available for some models

### Auto-off timer

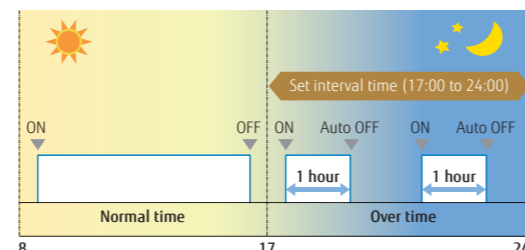
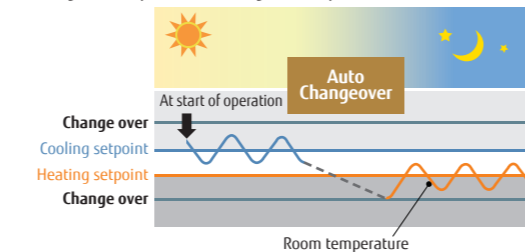
- While the Auto-timer is activated, if the set off time is specified as, for example, one hour, the power will automatically turn off one hour after the start of operation.
- A desired time frame can be specified for the Auto-off timer.
- The off-time can be set from 30 to 240 minutes.

### 2-setting weekly timer

### Set temperature auto return

### Setting temperature range limitation

Cooling set temp. 27°C, Heating set temp. 26°C



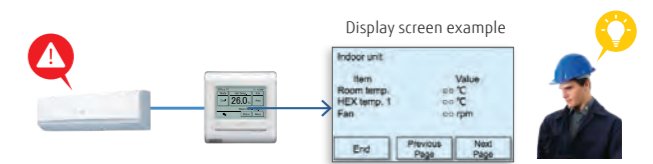
e.g.) Between 17:00 and 24:00 (over time hours), when the 1 hour set off time has elapsed, the system will automatically turn off the indoor unit as it

## Features: Wired Remote Controller (Touch Panel)

### Refrigerant cycle monitor (Option)

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

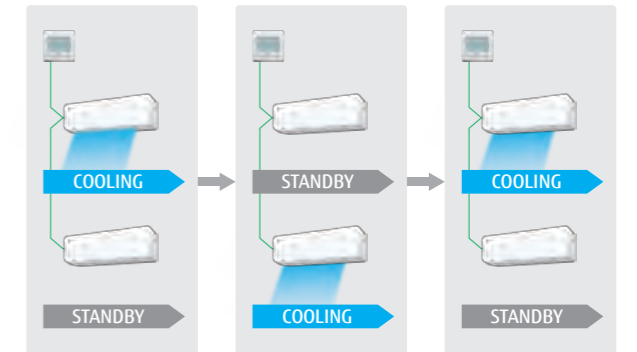
\* This function is only supported by split units, using the H-Serial communication protocol! Example: ASYH30KMTB



## Multi System Control\*1

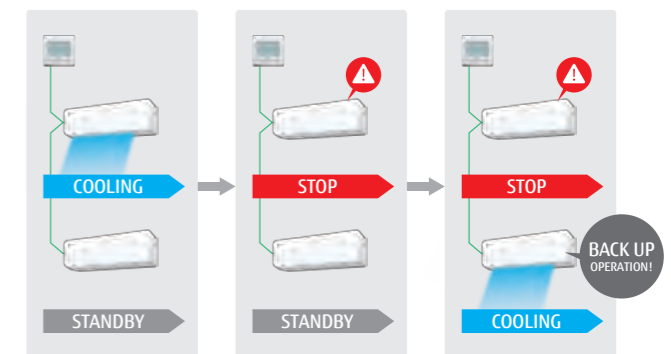
### 1) Lead Lag Operation

Standby Indoor Unit can be selected in lead lag operation. By this, the Indoor units will last longer than operating by nonstop.



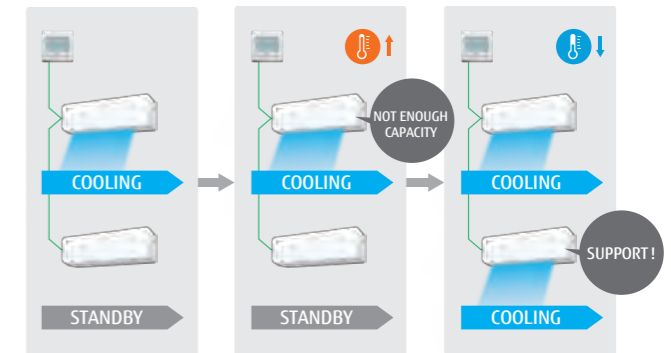
### 2) Back up operation

In case of unexpected Indoor unit error, other Indoor units will start providing back up operation.



### 3) Lag Operation

In case of unexpected room temperature rise, other Indoor Units will start providing lag operation.



\*1: "Lead Lag Setting" is an easy-to-use function for room temperature control when using multiple indoor units, while reducing the burden placed on each indoor unit.

If you wish to make use of this function, ensure you use indoor units equipped with a "Special Cooling" function. If you use indoor units that do not have a "Special Cooling" function, under certain conditions, there is a chance that "Backup operation" may not operate correctly, and the "Lead Lag Setting" function will not give the expected results. Additionally, for rooms that require strict conditions, such as server rooms, please consider other appropriate measures. Please note that we will not provide compensation for any damages suffered to your appliances or data as a result of using this function. For more details, please confirm with your nearest retail store.

## Specifications

Model name	UTY-RNRYZ5
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 20.4
Weight (g)	220

DC 12 V is supplied by the indoor unit.

# Wired Remote Controller

UTY-RLRY



- Various timer setup (ON / OFF / WEEKLY) are possible.
- The room temperature can be controlled by detecting the temperature accurately with Built-in thermo sensor.
- When a failure occurs, the error code is displayed.
- Error history. (Last 16 error codes can be accessed.)
- 2-wire type

Maximum Controllable  
**16** indoor units

Maximum Controllable  
**1** Group

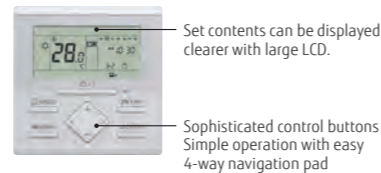
## High performance and compact size

In addition to the individual control, weekly timer, and various energy saving controls can be realized using only one remote controller.



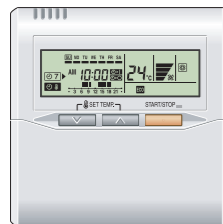
## High visibility and easy operation

- "Mode", "Set Temp", and "Fan" are displayed at large size on the top screen.
- Each function to be set is indicated by an icon.
- Control guide is displayed and operation is simple and straightforward.



# Wired Remote Controller

UTY-RNNYM



- Simple operation with Built-in Weekly / Daily Timer.
- Control up to 16 indoor units.
- Up to 2 wired remote controllers can be connected to a single indoor unit.

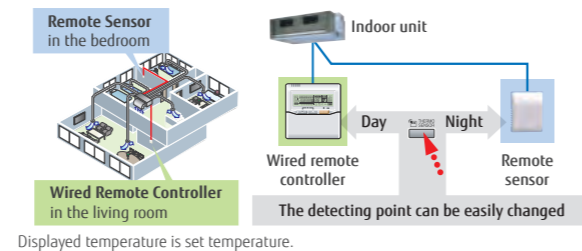
Maximum Controllable  
**16** indoor units

Maximum Controllable  
**1** Group

## Accurate and comfortable

Indoor temperature can be detected accurately by the inclusion of a thermo sensor in the body of the wired controller. This wired remote controller and the optional remote sensor allows flexibility in sensor location, suitable for all requirements.

### Example of changing sensor



## Built-in timers

**Weekly timer:** Possible to set ON/OFF time to operate twice each day of the week.  
**Setback timer:** Possible to set temperature for two times spans and for each day of the week.  
 At "Weekly timer" + "Set back timer" setup

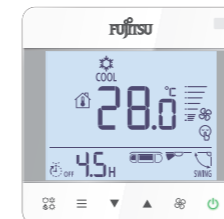
### Specifications

Model name	UTY-RLRY	UTY-RNNYM
Power Source	DC 12 V	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 17	120 × 120 × 18
Weight (g)	170	160

DC 12 V is supplied by the indoor unit.

# Compact Wired Remote Controller

UTY-RCRYZ1



- Simple design to match the stylish interior
- Easy to install : Body of controller is designed to fit in European standard junction box
- Can be operated both by wireless and wired remote controller.
- 2-wire type

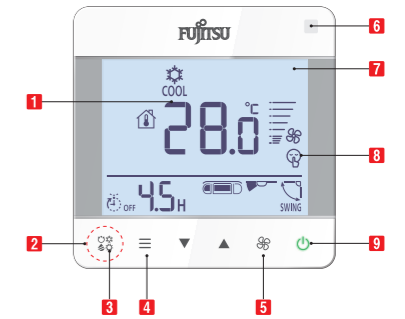
Maximum Controllable  
**1** single indoor unit

Maximum Controllable  
**1** Group

## Large screen and simple display

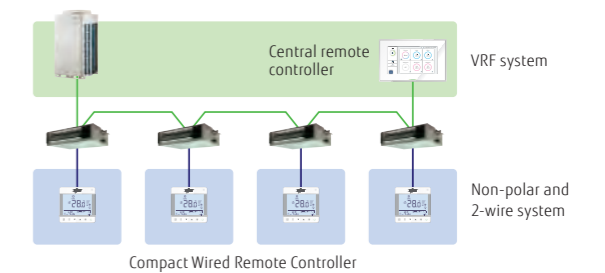
- Although the size is compact, the screen is large
- Large letters makes it easy to see
- Operation is simple and easy-to-understand

- 1 Visible large letter
- 2 Touch key (Frequently-used operation is placed on the direct button)
- 3 Operation mode
- 4 Menu
- 5 Air flow
- 6 Built in IR reciever
- 7 LCD with backlight is clearly visible in the dark
- 8 Easy-to-understand pictograph display
- 9 LED is mounted for the ON/OFF key (Green light on when R.C. is turned on)

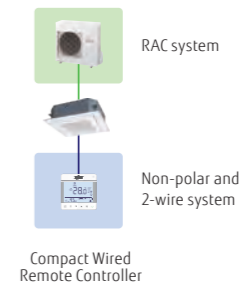


## System overview

**VRF connection**  
 One indoor unit and one remote controller are connected in one non-polar and 2-wire remote controller system.



**RAC (Room air conditioner) connection**  
 One indoor unit and one remote controller are connected in one non-polar and 2-wire remote controller system.



### Specifications

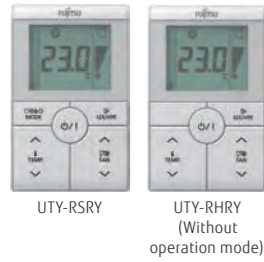
Model name	UTY-RCRYZ1
Power Source	DC12V
Dimensions (H × W × D) (mm)	86 × 86 × 44
Weight (g)	135

DC 12 V is supplied by the indoor unit.



# Simple Remote Controller

UTY-RSRY / UTY-RHRY (Without operation mode)



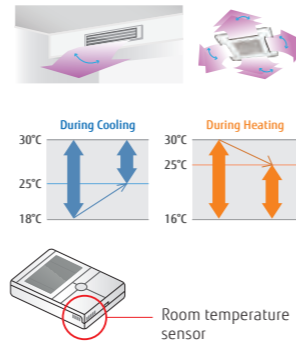
## Compact remote controller provides access to basic functions

- Up to 16 indoor units can be controlled with one remote controller.
- Suitable for hotels or offices as it is easily operated with no complex functions.
- Stylish design: Simple design to match the stylish interior.
- Large LCD screen & simple operation buttons
- Backlight: White colored backlight on monitor enable easy operation in dark.
- 2-wire type

Maximum Controllable  
**16** indoor units  
Maximum Controllable  
**1** Group

## Corresponding to various applications

- **Vertical louver control:** Vertical air flow direction can be adjusted for Duct types with auto louver and Cassette types, which are installed in hotels and conference rooms, can be adjusted.
- **Room temperature set point limitation:** The Simple Remote Controller can manage to energy saving operation in small buildings without the central control unit.
- **Built in room temperature sensor:** The Simple Remote Controller detects actual room temperature and controls room climate accuracy.



# Simple Remote Controller

UTY-RSRYM



UTY-RSRYM

## Compact remote controller provides access to basic functions

- Up to 16 indoor units can be controlled with one remote controller.
- Suitable for hotels or offices as it is easily operated with no complex functions.
- Backlight enables easy operation in a darkened room.
- 3-wire type

Maximum Controllable  
**16** indoor units  
Maximum Controllable  
**1** Group

## Easy-to-use operation

- Provides access to basic operations, such as Start / Stop, Fan control, Operation mode switching, and Room temperature setting.
- A large On / Off button is provided in the centre of the remote controller for easy operation.
- Can be used jointly with other individual control unit.
- Following an error display, diagnostics can be carried out on the controller.

### Specifications

Model name	UTY-RSRY	UTY-RHRY	UTY-RSRYM
Power Source	DC 12 V	DC 12 V	DC 12 V
Dimensions (H × W × D) (mm)	120 × 75 × 19.4	120 × 75 × 19.4	120 × 75 × 19.4
Weight (g)	120	120	120

DC 12 V is supplied by the indoor unit.

# Wired Remote Controller

UTY-RVNYM



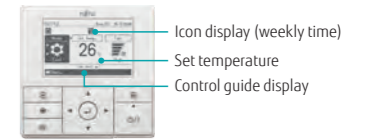
Maximum Controllable  
**16** indoor units  
Maximum Controllable  
**1** Group

## Hi-grade individual control using various functions.

- 3.7-inch LCD backlight screen.
- Supporting various Energy Saving functions with simple operation.
- Multiple Language Support.  
(English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

## High visibility and Easy operation

- Icon display of effectual functions.
- Main functions in large icons: "Mode", "Set Temp", and "Fan".
- Easy to operate by Control guide display.
- Simple operation with easy 4-way navigation pad.



## High performance and compact size

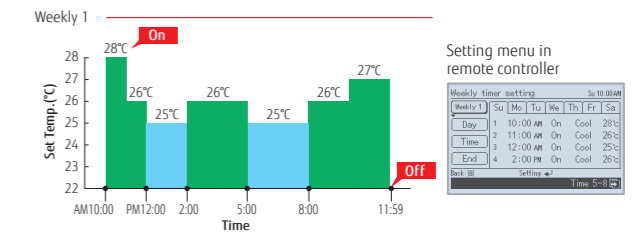
- In addition to the individual control, various energy saving controls can be realized using only one remote controller.



## Various energy saving control

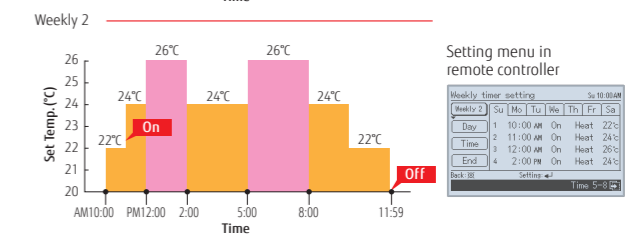
### Weekly Timer function

- Can be set up to 8 times per day (On/Off, mode, Temp)
- 2 pattern settings (i.e. Summer/Winter setting) are available.



### Auto OFF Timer

- Set Temperature Auto Return
- Set Temperature Upper and Lower Limit Setting



### Specifications

Model name	UTY-RVNYM
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 21.3
Weight (g)	220















DC 12 V is supplied by the indoor unit.

# Split Control System List-INVERTER

Country		🇸🇬 for Singapore		🇻🇳 for Vietnam		Common models							
Type	Wall Mounted	Circular Flow Cassette	Wall Mounted		Compact Cassette		Circular Flow Cassette	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct		Big Duct
Model No.	ASAG 09/12/18/24/30 CMTA	AUAH24/36CRLA	ASAG 09/12/18/24 CPTA-V	ASAG09LLTB-V ASAG12LLTA-V	AUXG18/24KVLA	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30/36/45/54 KRLB	ABYG 18/24/30/36/45 KRTA	ARXG18KLLAP	ARXG24/30/36/45KMLA	ARXG45/54KHTB	ARYG60LHTA	ARYG72/90LHTA
Controllers													
Wired Remote Controller		UTY-RNRYZ5	UTY-RNRYZ5			UTY-RNRYZ5		UTY-RNRYZ5	UTY-RNRYZ5	UTY-RNRYZ5	UTY-RNRYZ5	UTY-RNRYZ5	UTY-RNRYZ5
		UTY-RLRY	UTY-RLRY			UTY-RLRY		UTY-RLRY	UTY-RLRY	UTY-RLRY	UTY-RLRY	UTY-RLRY	UTY-RLRY
						UTY-RVNYM	UTY-RVNYM	UTY-RVNYM	UTY-RVNYM	UTY-RVNYM		UTY-RVNYM	UTY-RVNYM
						UTY-RNNYM	UTY-RNNYM	UTY-RNNYM	UTY-RNNYM	UTY-RNNYM		UTY-RNNYM	UTY-RNNYM
Compact Wired Remote Controller		UTY-RCRYZ1	UTY-RCRYZ1			UTY-RCRYZ1		UTY-RCRYZ1	UTY-RCRYZ1	UTY-RCRYZ1	UTY-RCRYZ1	UTY-RCRYZ1	UTY-RCRYZ1
Simple Remote Controller	 2-wire type 3-wire type	UTY-RSRY UTY-RHRY	UTY-RSRY UTY-RHRY			UTY-RSRY UTY-RHRY UTY-RSNYM	UTY-RSNYM	UTY-RSRY UTY-RHRY UTY-RSNYM	UTY-RSRY UTY-RHRY	UTY-RSRY UTY-RHRY UTY-RSNYM	UTY-RSRY UTY-RHRY	UTY-RSNYM	UTY-RSRY UTY-RHRY UTY-RSNYM
Wireless remote controller						UTY-LNTY							
IR Receiver Kit	 For Cassette		UTY-LBTYC					UTY-LBTYC					
	 For Duct								UTY-LBTYM	UTY-LBTYM	UTY-LBTYM	UTY-LRHYM	UTY-LBTYM UTY-LRHYM
	 For Ceiling							UTY-LBTYH					
Interface	MODBUS™ Convertor		UTY-VMSX	UTY-VMSX			UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX
	KNX® Convertor		UTY-VKSX	UTY-VKSX			UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX
	Wireless LAN Adapter (USB type)		UTY-TFSXF3										
	Wireless LAN Adapter			UTY-TFSXZ2			UTY-TFSXZ2	UTY-TFNXZ3	UTY-TFSXZ2	UTY-TFSXZ2	UTY-TFSXZ2	UTY-TFNXZ3	UTY-TFSXZ2
	External switch controller		UTY-TERX	UTY-TERX			UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX
	Network Converter for Single Split	 DC Power Supply Type AC Power Supply Type	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV			UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV



# Multi-Split Control System List-INVERTER

		for Singapore												Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split											
Type		Wall Mounted			Cassette	Duct			Wall Mounted				Cassette	Duct											
Series		Designer Series		Standard Series	Compact 4-way Flow Grid type Series	Mini	Medium Static Pressure	Designer Series				Standard Series	Compact 4-way Flow Grid type Series	Mini (With drain pump)	Slm (With drain pump)	Medium Static Pressure									
Model No.		ASAH09/12CMCA	ASAH09/12CETA ASAH09/12CETA-B	ASAH18/24CMTA	AUAH12/14/18CVLA	ARAH 09/12/14/18 CSLAP	ARAH24CMTAP	ASYG07/09/12/14KGTE	ASYG07/09/12/14KETE ASYG07/09/12/14KETE-B	ASYG07/09/12/14KMCE	ASYG18/22/24KMTE	AUXG 07/09/12/14/18/22 KVLA	ARXG 07/09/12/14/18 KSLAP	ARXG 07/09/12/14/18 KLLAP	ARXG22KMLB										
Controllers	Wired Remote Controller		• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5	• UTY-RNRYZ5	• UTY-RNRYZ5	• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5+ UTY-TWRXZ2	• UTY-RNRYZ5	• UTY-RNRYZ5	• UTY-RNRYZ5	• UTY-RNRYZ5									
			• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY	• UTY-RLRY	• UTY-RLRY	• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY+ UTY-TWRXZ2	• UTY-RLRY	• UTY-RLRY	• UTY-RLRY	• UTY-RLRY	• UTY-RLRY								
													• UTY-RVNYM	• UTY-RVNYM	• UTY-RVNYM	• UTY-RVNYM	• UTY-RVNYM								
													• UTY-RNNYM	• UTY-RNNYM	• UTY-RNNYM	• UTY-RNNYM	• UTY-RNNYM								
	Compact Wired Remote Controller		• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1	• UTY-RCRYZ1	• UTY-RCRYZ1	• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1+ UTY-TWRXZ2	• UTY-RCRYZ1	• UTY-RCRYZ1	• UTY-RCRYZ1	• UTY-RCRYZ1									
	Simple Remote Controller	 2-wire type	• UTY-RSRY+ UTY-TWRXZ2	• UTY-RSRY+ UTY-TWRXZ2	• UTY-RSRY+ UTY-TWRXZ2	• UTY-RSRY	• UTY-RSRY	• UTY-RSRY	• UTY-RSRY UTY-RHRY+ UTY-TWRXZ2	• UTY-RSRY UTY-RHRY+ UTY-TWRXZ2	• UTY-RSRY UTY-RHRY+ UTY-TWRXZ2	• UTY-RSRY UTY-RHRY+ UTY-TWRXZ2	• UTY-RSRY UTY-RHRY UTY-RSNYM	• UTY-RSRY UTY-RHRY UTY-RSNYM	• UTY-RSRY UTY-RHRY UTY-RSNYM	• UTY-RSRY UTY-RHRY UTY-RSNYM	• UTY-RSRY UTY-RHRY UTY-RSNYM								
	Wireless Remote Controller		• UTY-LNTY	• UTY-LNTY	• UTY-LNTY	• UTY-LNTY							• UTY-LNTY												
IR Receiver Kit	 For Duct					• UTY-LBVYM	• UTY-LBVYM						• UTY-LBTYM	• UTY-LBTYM	• UTY-LBTYM	• UTY-LBTYM									
Interface	MODBUS™ Convertor		• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX	• UTY-VMSX									
	KNX® Convertor		• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX	• UTY-VKSX									
	Wireless LAN Adapter (USB type)		• UTY-TFSXF3	• UTY-TFSXF3	• UTY-TFSXF3				• UTY-TFSXF3	• UTY-TFSXF3	• UTY-TFSXF3	• UTY-TFSXF3	• UTY-TFSXF3												
	Wireless LAN Adapter					• UTY-TFNXZ3	• UTY-TFNXZ3	• UTY-TFNXZ3					• UTY-TFSXZ2	• UTY-TFSXZ2	• UTY-TFSXZ2	• UTY-TFSXZ2									
	External switch controller		• UTY-TERX	• UTY-TERX	• UTY-TERX	• UTY-TERX	• UTY-TERX	• UTY-TERX	• UTY-TERX+ UTY-TWRXZ2	• UTY-TERX+ UTY-TWRXZ2	• UTY-TERX+ UTY-TWRXZ2	• UTY-TERX+ UTY-TWRXZ2	• UTY-TERX	• UTY-TERX	• UTY-TERX	• UTY-TERX									
	Network Convertor for Single Split	 DC Power Supply Type AC Power Supply Type	• UTY-VTGX+ UTY-TWRXZ2	• UTY-VTGX+ UTY-TWRXZ2	• UTY-VTGX+ UTY-TWRXZ2	• UTY-VTGX	• UTY-VTGX	• UTY-VTGX	• UTY-VTGX+ UTY-TWRXZ2 or UTY-VTGXV+ UTY-TWRXZ2	• UTY-VTGX+ UTY-TWRXZ2 or UTY-VTGXV+ UTY-TWRXZ2	• UTY-VTGX+ UTY-TWRXZ2 or UTY-VTGXV+ UTY-TWRXZ2	• UTY-VTGX+ UTY-TWRXZ2 or UTY-VTGXV+ UTY-TWRXZ2	• UTY-VTGX UTY-VTGXV	• UTY-VTGX UTY-VTGXV	• UTY-VTGX UTY-VTGXV	• UTY-VTGX UTY-VTGXV	• UTY-VTGX UTY-VTGXV								

# Auto Louver Grille Kit

UTD-GXTA-W / UTD-GXTB-W

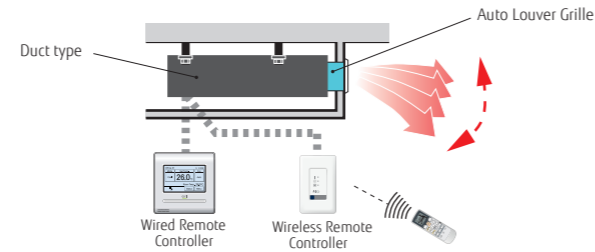


Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.

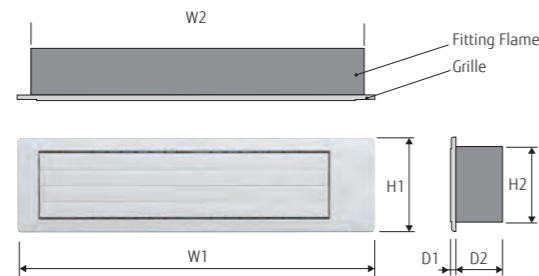


## Flexible Control

- **Operation with indoor unit**  
Auto Louver can be operated by synchronizing remote controller of indoor unit.
- **UP and Down auto swing**
  - Auto airflow direction and auto swing
  - 4 steps selectable
- **Auto-closing louver**  
When operation of indoor unit is stopped, the louver will automatically close.



## Dimensions



Model Name	W1	W2	H1	H2	D1	D2
UTD-GXTA-W	683	645	180	148	9	84
UTD-GXTB-W	883	845				

Unit:mm

## Specifications

Model name	UTD-GXTA-W		UTD-GXTB-W	
Applicable Indoor Unit	ARAH09/12/14CSLAP ARXG07/09/12/14KSLAP ARXG07/09/12/14KLLAP		ARXG18KLLAP ARAH18CSLAP ARXG18KSLAP	
Power Supply	Connecting with Control box of indoor unit			
Fixing of Auto Louver Grille	Screw fixing to Flange or Square Duct			
Extension Square Duct Limit	1.0m (Max. duct length between indoor unit and Grille)			
Net Dimension (H × W × D)	mm	180 × 683 × (84 + 9)		180 × 883 × (84 + 9)
Weight	Net	2.0 (4.4)		2.5 (5.6)
	Gross	3.0 (6.7)		3.5 (7.8)
Color	White			
Louver Motor	Stepping Motor			
Accessories	Fitting Flame, etc.			
Operation range	Cooling	°C	18 to 32	
		% RH	80% or less	
	Heating	°C	16 to 30	

# Optional Parts List For Split & Multi-Split





# Split Optional Parts List-INVERTER

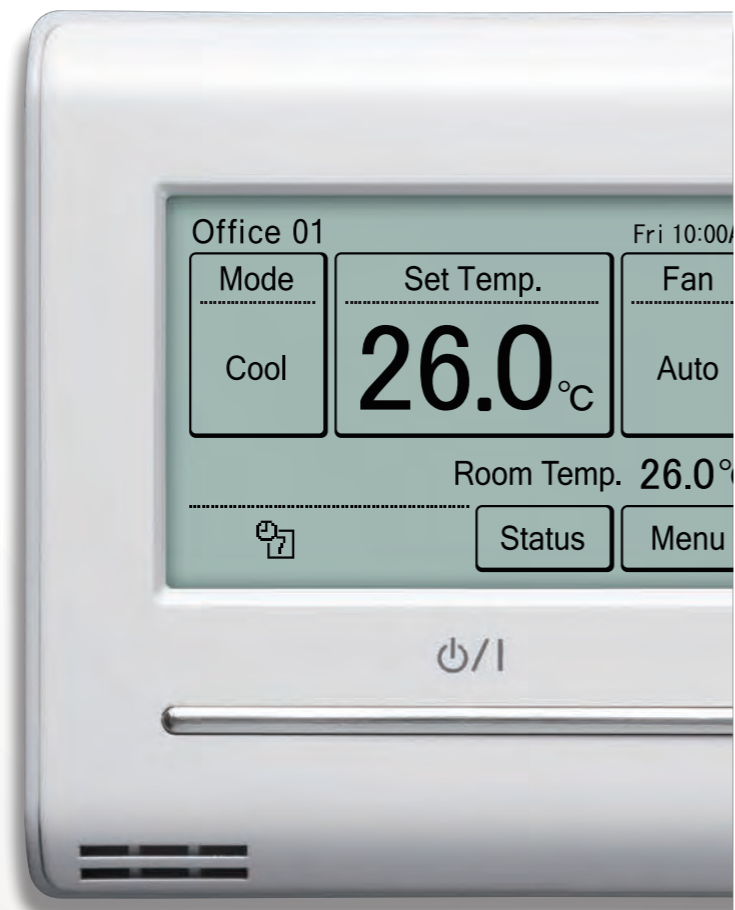
Country		🇸🇬 for Singapore		🇻🇳 for Vietnam		Common models								
Type		Wall Mounted	Circular Flow Cassette	Wall Mounted		Compact Cassette		Circular Flow Cassette	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct	Big Duct	
Model No.		ASAG 09/12/18/24/30 CMTA	AUAH24/36CRLA	ASAG 09/12/18/24 CPTA-V	ASAG09LLTB-V ASAG12LLTA-V	AUXG18/24KVLA	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30/36/45/54 KRLB	ABYG 18/24/30/36/45 KRTA	ARXG18KLLAP	ARXG24/30/36/45KMLA	ARXG45/54KHTB	ARYG60LHTA	ARYG72/90LHTA
Others			● UTY-SHZXC					● UTY-SHZXC						
Remote Sensor Unit										● UTY-XSZXZ1	● UTY-XSZXZ1	● UTY-XSZXZ1	● UTY-XSZXZ1	● UTY-XSZXZ1
Cassette Grille			● UTG-UKYA-W UTG-UKYA-B			● UTG-UFYF-W	● UTG-UFYD-W	● UTG-UKYA-B UTG-UKYA-W UTG-UKYC-W						
Auto Louver Grille Kit										● UTD-GXTB-W				
Flange											● UTD-RF204 UTD-SF045T			
Drain Pump Unit									● UTR-DPB24T		● UTZ-PX1NBA			● UTZ-PX1NAB
Wide Panel / Additional Grille			● UTG-AKXA-W					● UTG-AKXA-W						
Panel Spacer			● UTG-BKXA-W					● UTG-BKXA-W						
Fresh Air Intake Kit			● UTZ-VXRA			● UTZ-VXAA	● UTZ-VXAA	● UTZ-VXRA						
Air Outlet Shutter Plate			● UTR-YDZK			● UTR-YDZB	● UTR-YDZB	● UTR-YDZK						
Insulation Kit For High Humidity			● UTZ-KXRA			● UTZ-KXGC	● UTZ-KXGC	● UTZ-KXRA						
Silver ion filter II (PM2.5+Anti virus)			● Accessory		● UTR-FA16-7									
Long-life filter											● UTD-LF25NA	● UTD-LF60KA		● UTD-LFKA
Remote controller holder					● UTZ-RXLA									
L-type piping kit									● UTP-FX24A (18/24) UTP-FX35A (30/36/45)					
External Connect Kit / Communication Kit			● UTY-TWRXZ2						● UTY-TWRXZ3					
External input and output PCB			● UTY-XCSXZ2	● UTY-XCSX		● UTY-XCSX		● UTY-XCSX	● UTY-XCSX			● UTY-XCSX		● UTY-XCSX
External input and output PCB Box				● UTZ-GXRA		● UTZ-GXRA		● UTZ-GXRA	● UTZ-GXEA			● UTZ-GXEA		
External Connect Kit (For indoor)			● UTY-XWZXZ5	● UTY-XWZXZG		● UTY-XWZXZG	● UTY-XWZX	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG
External Connect Kit (For outdoor)								● UTY-XWZXZ3 (30/36/45/54)	● UTY-XWZXZ3 (30/36/45)		● UTY-XWZXZ3 (30/36/45)	● UTY-XWZXZ3	● UTY-XWZXZ2	● UTY-XWZXZ3
External Control Set													● UTD-EC55A	

# Multi-Split Optional Parts List-INVERTER

		for Singapore												Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split											
Type		Wall Mounted			Cassette	Duct			Wall Mounted				Cassette	Duct											
Series		Designer Series		Standard Series	Compact 4-way Flow Grid type Series	Mini	Medium Static Pressure		Designer Series		Standard Series		Compact 4-way Flow Grid type Series	Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure									
Model No.		ASAH09/12CMCA	ASAH09/12CETA ASAH09/12CETA-B	ASAH18/24CMTA	AUAH12/14/18CVLA	ARAH 09/12/14/18 CSLAP	ARAH24CMTAP		ASYG07/09/12/14KGTE	ASYG07/09/12/14KETE ASYG07/09/12/14KETE-B	ASYG07/09/12/14KMCE	ASYG18/22/24KMTE	AUXG 07/09/12/14/18/22 KVLVA	ARXG 07/09/12/14/18 KSLAP	ARXG 07/09/12/14/18 KLLAP	ARXG22KMLB									
Others	Remote Sensor Unit					●	●							●	●	●									
	Cassette Grille				●								●												
	Auto Louver Grille Kit					●								●	●										
	Flange															●									
	Drain Pump Unit															●									
	Fresh Air Intake Kit				●									●											
	Air Outlet Shutter Plate				●									●											
	Insulation Kit For High Humidity				●									●											
	Silver ion filter	●	●	●	●	●	●	●																	
	Silver ion filter II (PM2.5+Anti virus)								●	●	●	●													
Long-life filter							●									●									
External Connect Kit / Communication Kit	Communication Kit	●	●	●					●	●	●	●													
	External input and output PCB	●	●	●	●	●	●		●	●	●	●	●												
	External input and output PCB box				●	●	●																		
	External Connect Kit (For Indoor)	●	●	●	●	●	●		●	●	●	●	●	●	●	●									



# Optional Parts Lineup For Split & Multi-Split



## Split / Multi-Split Optional Parts Lineup

### Controllers

For Individual & Centralized Control

**Wired Remote Controller**  
UTY-RNRYZ5



**Wired Remote Controller**  
UTY-RLRY



**Wired Remote Controller**  
UTY-RVNYM



**Compact Wired Remote Controller**  
UTY-RCRYZ1



**Wired Remote Controller**  
UTY-RNNYM



**Simple Remote Controller**  
UTY-RSRY with operation mode      UTY-RHRY without operation mode



**Simple Remote Controller**  
UTY-RSNYM



**Wireless Remote Controller**  
UTY-LNTY



### Others

For Duct type

**Remote Sensor Unit**  
UTY-XSZXZ1

New amenity space can be offered by installing the Remote sensor.



**IR Receiver Kit**  
UTY-LRHYM

UTY-LBTYM

UTY-LBMYM **NEW**



**Long-Life Filter**

UTD-LF60KA      UTD-LF25NA  
UTD-LFDB



**Flange**

UTD-RF204 (Round)



UTD-SF045T (Square)



**Drain Pump Unit**

UTZ-PX1NBA / UTZ-PX1NAB



**Silver ion filter** **NEW**

UTD-HFTA / UTD-HFTB / UTD-HFNB



**Auto Louver Grille Kit**

UTD-GXTA-W (For 07-14 type)



For Wall Mounted type

**Remote controller holder**  
UTZ-RXLA



**Silver ion filter** **NEW**  
UTR-FA16-5

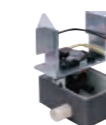


**Silver ion filter II (PM2.5+Anti virus)**  
UTR-FA16-7



For Ceiling type

**Drain Pump Unit**  
UTR-DPB24T



**IR Receiver unit**  
UTY-LBTYH









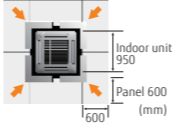
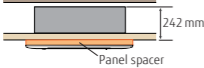


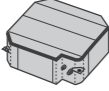






**L type piping kit**  
UTP-FX24A (For 18-24 type)  
UTP-FX35A (For 30-45 type)



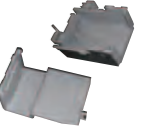


# Split / Multi-Split Optional Parts Lineup


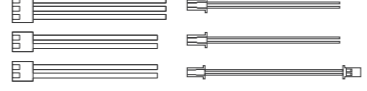

## Others

For Cassette type		
<b>Remote Sensor Unit</b> UTY-XSZXZ1  New amenity space can be offered by installing the Remote sensor.		<b>Human sensor kit</b> UTY-SHZXC For Circular Flow Cassette
	<b>IR Receiver Kit</b> UTY-LBTYC For Circular Flow Cassette	
<b>Cassette Grille</b> UTG-UFYD-W For Compact Cassette		<b>Cassette Grille</b> UTG-UFYF-W For Compact Cassette
	<b>Cassette Grille</b> UTG-UKYC-W For Circular Flow Cassette	
<b>Cassette Grille (Black panel)</b> UTG-UKYA-B For Circular Flow Cassette		<b>Cassette Grille (with Remote Controller)</b> UTG-UKYA-W For Circular Flow Cassette
	<b>Wide Panel</b> UTG-AKXA-W	
<b>Panel Spacer</b> UTG-BKXA-W		<b>Fresh Air Intake Kit</b> UTZ-VXAA
	<b>Fresh Air Intake Kit</b> UTZ-VXRA	
<b>Insulation Kit For High Humidity</b> UTZ-KXRA / UTZ-KXGC		<b>Air Outlet Shutter Plate</b> UTR-YDZB For Compact Cassette  Shuts the air outlet when only using as 3 blow out.
	<b>Air Outlet Shutter Plate</b> UTR-YDZK  Shuts the air outlet when only using as 3 blow out.	
<b>Silver ion filter</b> <span style="color: red;">NEW</span> UTD-HFAA For Compact Cassette		
<b>Service &amp; Maintenance</b>		
<b>Service Monitoring Tool</b> UTY-ASSX		





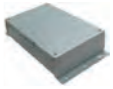
## Communication devices

Communication Kit / External input and output PCB / Box		
<b>Communication Kit</b> UTY-TWRXZ2 / UTY-TWRXZ3		<b>External input and output PCB</b> UTY-XCSXZ2 / UTY-XCSX
		<b>External input and output PCB Box</b> UTZ-GXRA / UTZ-GXEA
		

## Communication system

External Connect Kit / External Control set		
<b>External Connect Kit</b> For Indoor Unit		<b>External Control Set</b> For Indoor Unit
UTY-XWZX / UTY-XWZXZG	UTY-XWZXZ5	
		UTD-ECS5A
		<b>External Connect Kit</b> For Outdoor Unit
		
		UTY-XWZXZ3 / UTY-XWZXZ2

## Convertors / Adaptors

External device		
<b>Wireless LAN Adapter</b> UTY-TFNXZ3 UTY-TFSXZ2		<b>Modbus Converter</b> UTY-VMSX
UTY-TFSXF3		<b>KNX Converter</b> UTY-VKSX
		
<b>External Switch controller</b> UTY-TERX		<b>Network converter</b> UTY-VTGX DC Power Supply Type
		UTY-VTGXV AC Power Supply Type
		

## Function list

Type		For Indoor unit			For Outdoor unit		
Model name		UTY-XWZX	UTY-XWZXZ5	UTD-ECS5A	UTY-XWZXZ2	UTY-XWZXZ3	UTY-XWZXZ4
Input	Control	●	●	●	—	—	—
	Peak cut	—	—	—	●	●	—
	Low noise	—	—	—	●	●	—
	Priority	—	—	—	—	●	—
Output	Emergency stop	—	—	—	—	●	—
	Operation status	●	●	●	●	●	—
	Error status	—	●	● <sup>*1</sup>	●	●	—
	Fresh air control	—	—	● <sup>*2</sup>	—	—	—
	Auxiliary heater	—	—	● <sup>*3</sup>	—	—	—
	Preparation	—	—	● <sup>*4</sup>	—	—	—
	Base heater	—	—	—	—	—	●

\* 1 : This function has been had only wall mounted model such as LT, LU, and LM.  
 \* 2 : This function has been had only ducted model, cassette model, and ceiling mode.

\* 3 : This function has been had only ducted model.  
 \* 4 : This cable is necessary for some ducted model.