

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 Outdoor temp.: 35°C DB/24°C WB	Heating	Indoor temp. : 20°C DB Outdoor temp.: 7°C DB/6°C WB
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- 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.
- **PGAir** is a trademark of Fujitsu General Limited worldwide.

Distributed by:



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 MESSAGE

CORE TECHNOLOGY

PRODUCT CATEGORY - SPLIT

PRODUCT CATEGORY - MULTI-SPLIT

PRODUCT CATEGORY -
CONTROL SYSTEM & OPTIONAL PARTS

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
Energy Saving Control
Comfort Performance
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
2-unit, 3-unit, 4-unit Multi-split
5-unit, 6-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.

***1,*2** 1991 World's first air conditioner equipped with lambda heat exchanger

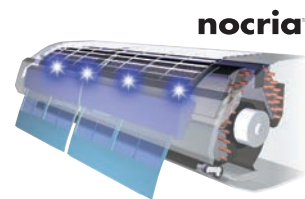
1994 World's first air conditioner with power diffuser



2001 AIRSTAGE™ Series released VRF air conditioners for large buildings



***3** 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

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-III 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
Cassette type 3D flow Series

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 "nocris X" released

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



For Light commercial use

2021-22 New Indoor units released for easy installation.



For Commercial use

AIRSTAGE V-IV

Release of new products with energy-saving operation.



For Residential use

Split & Multi-split New products released for easy installation.



1950 ~

1970 ~

2000 ~

2010 ~

2022 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)

• Air conditioner solution center
"THE AIRSTAGE" in Manhattan, New York

• Fujitsu General America, Inc.

• Fujitsu General Do Brasil Ltda.

• Fujitsu General Air Conditioning (UK) Ltd.

• Fujitsu General (Euro) GmbH

• Fujitsu General Commercial Air Conditioning Italia S.p.A.

• Fujitsu General Electronics (Suzhou) Co., Ltd.

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

• Fujitsu General Limited

• Fujitsu General (Taiwan) Co., Ltd.

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

• Fujitsu General (Aust.)
Pty Limited

• Precise Air Group (Holding)
Pty Ltd.

• Fujitsu General
New Zealand
Ltd.

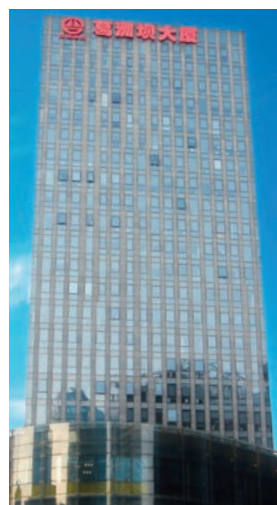
• ABS Aircon Engineers
Private Ltd.

• Fujitsu General
(India) Private Ltd.

• Fujitsu General
(Middle East) FZE

• Fujitsu General
(Asia) Pte. Ltd.

18 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.)



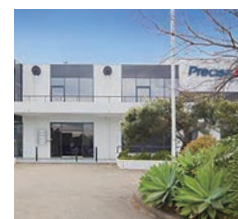
Fujitsu General Commercial Air
Conditioning Italia S.p.A. (Italy)



Fujitsu General (India)
Private Ltd. (India)



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



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



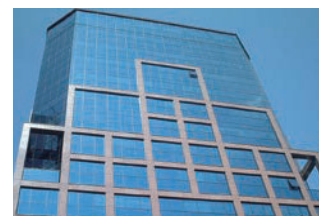
Fujitsu General New Zealand Ltd.
(New Zealand)



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.)

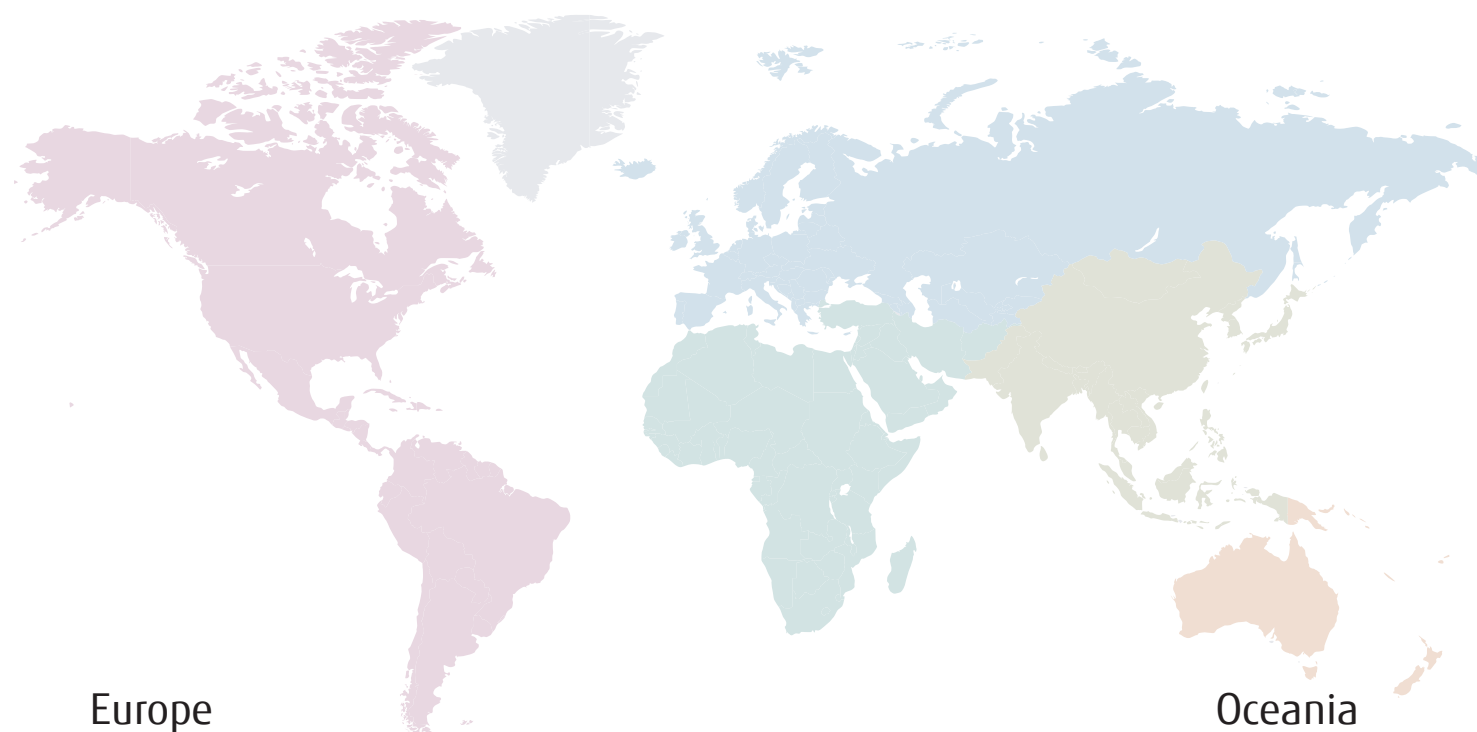


FUJITSU GENERAL SOLUTION
CENTER "THE AIRSTAGE" (U.S.A.)



Global Business Activities

We are engaging in advertising, human resource development, CS activities, and social contribution activities worldwide. These activities have been recognized throughout different regions by the awards we have been honored with.



North and South Americas



AHR Expo



HVAC trade shows in Brazil



Distributor meeting



Call center

Middle East



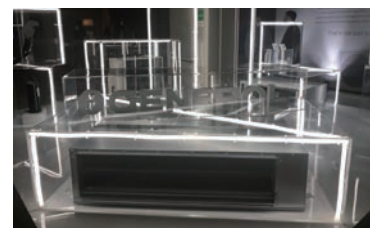
Exhibition



Dealer Convention in Kuwait



Technical seminar



New product seminar

Europe



HVAC trade show in European countries



Presentation & training



The ACR Show



HVAC trade show in European countries

Oceania



HVAC trade show in Australia



Volunteer in Australia



Service & Maintenance

Asia



New product presentation meeting



Dealer convention in Thailand



Training



Call center

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.



Voted by Australians as the 'Most Trusted Brand' - Air Conditioning Category 4 Years Running



China State Construction Engineering Luban Prize



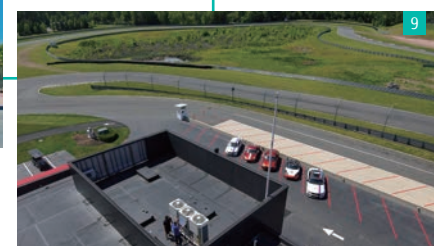
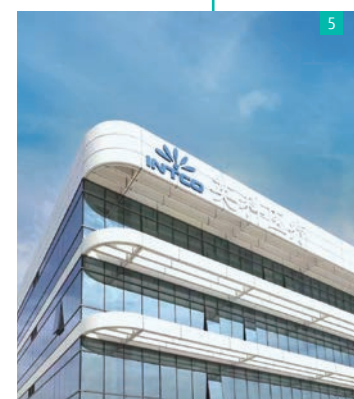
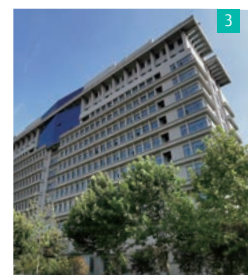
The Good Design Award is an award sponsored by the Japan Institute of Design Promotion, and is given once a year to items of outstanding design.



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.



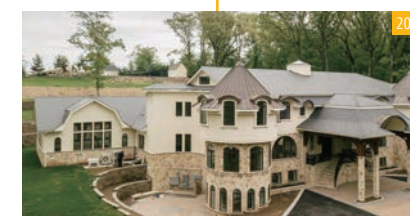
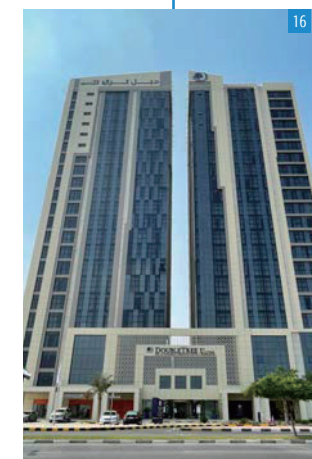
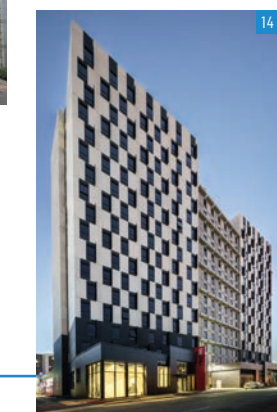
For Light commercial use

- 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



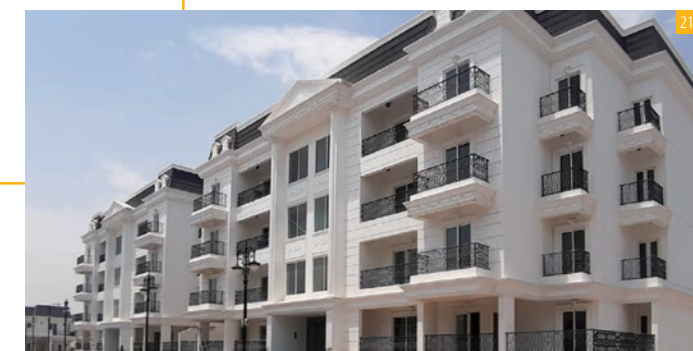
For Commercial use

- 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)



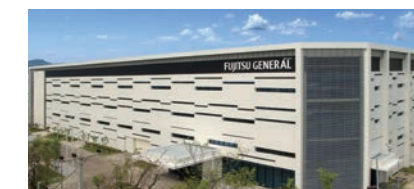
Fujitsu General Electronics Ltd. (Japan)



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



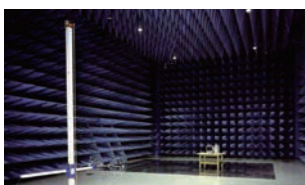
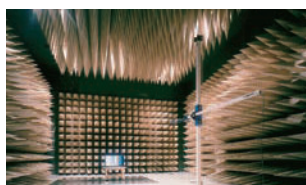
Vibration testing



Technology Research Building
in Japan Head Office

Testing Laboratory

Fujitsu General EMC Laboratory Limited



60 m Height Difference Testing Tower

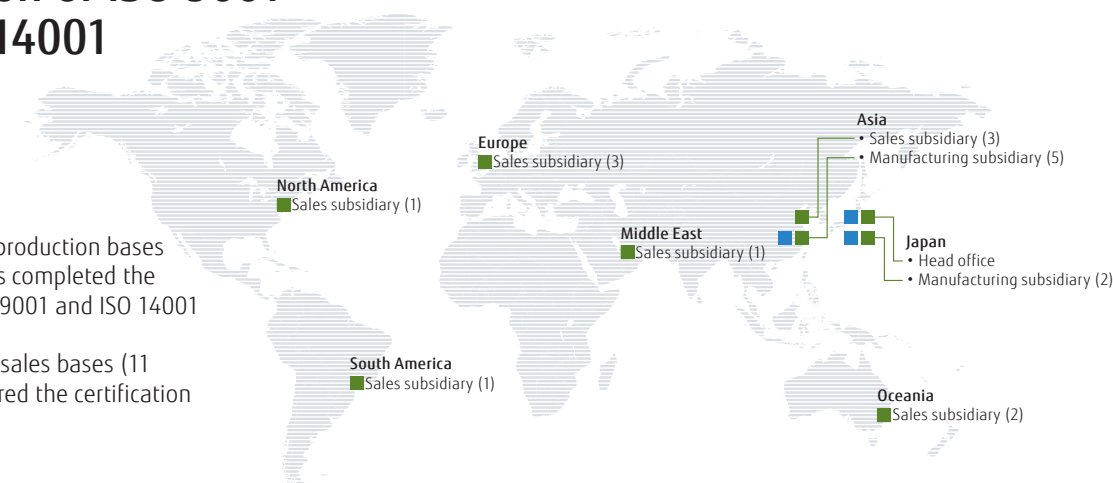
Objective is to confirm oil circulation of compressor for reliability



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

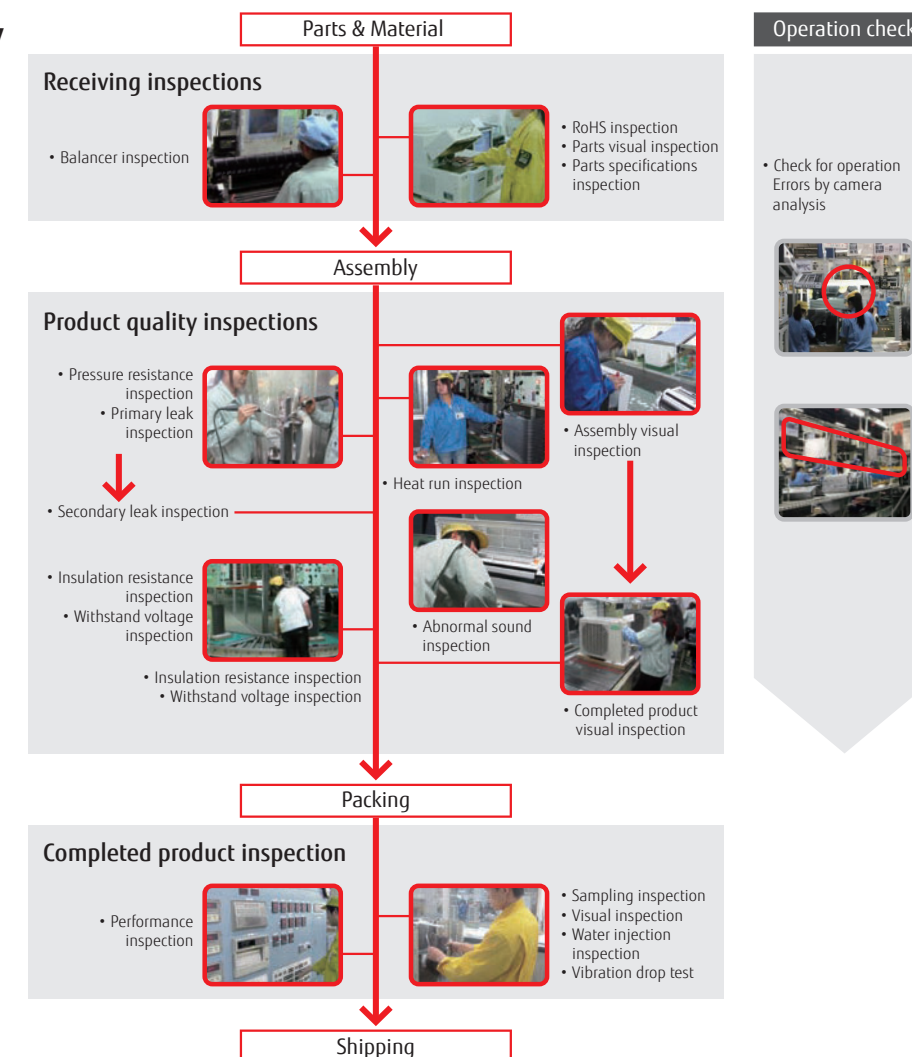
All Fujitsu General factories have acquired ISO 9001, and have built a quality control system common around the world. High quality products are offered to all over the world based on stringent quality inspections.

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

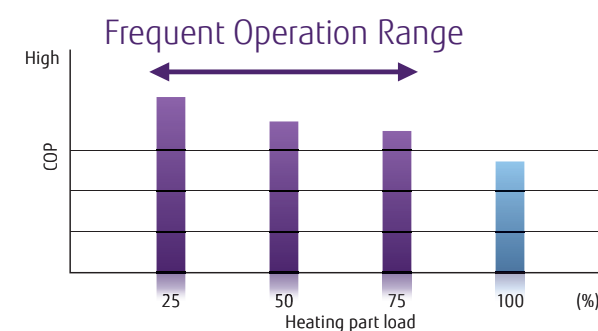
Our advanced technology is providing comfort in a wide variety of situations from residential applications to commercial use.

- 020 High Efficiency
- 022 Energy Saving Control
- 024 Comfort Performance
- 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.

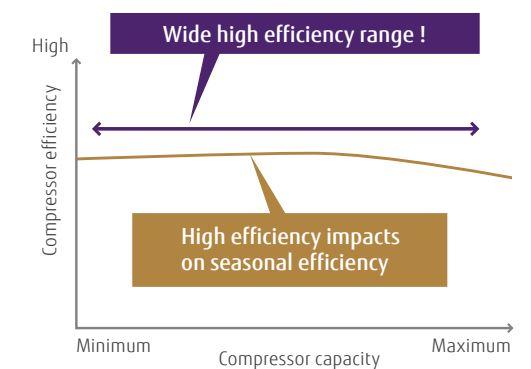
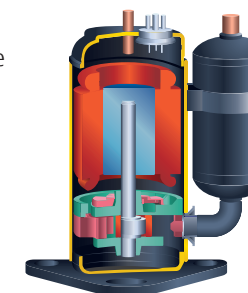


DC Twin Rotary Compressor

All DC Inverter Technology

ALL DC 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.



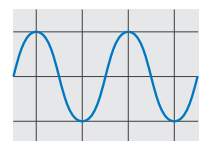
DC fan motor

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.



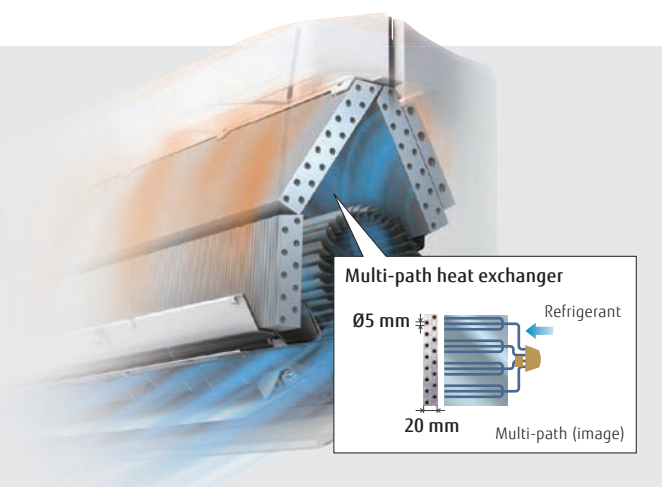
Heat Exchanger for Wall Mounted

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)



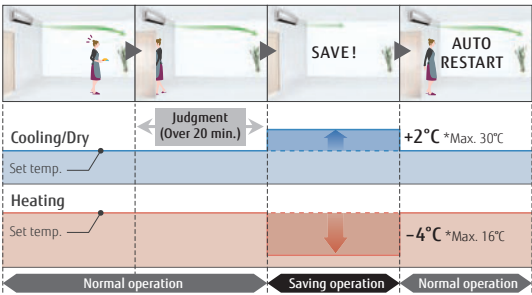
High Energy Saving



Smart Operation

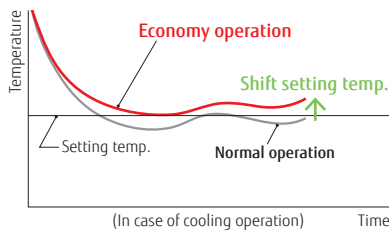
**Human sensor control**

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.



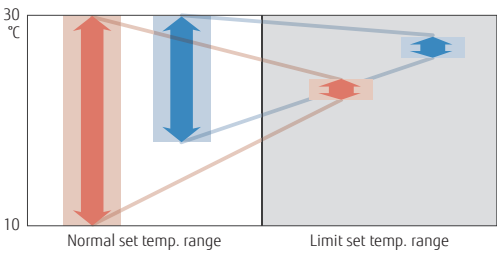
**Economy operation**

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



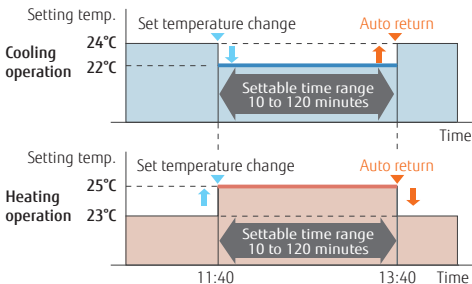
**Room temperature set point limitation**

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



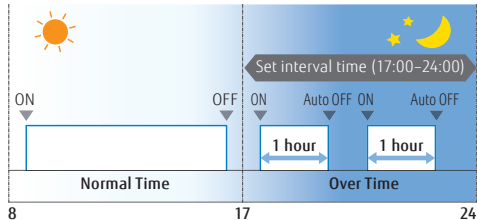
**Set temperature auto return**

- 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

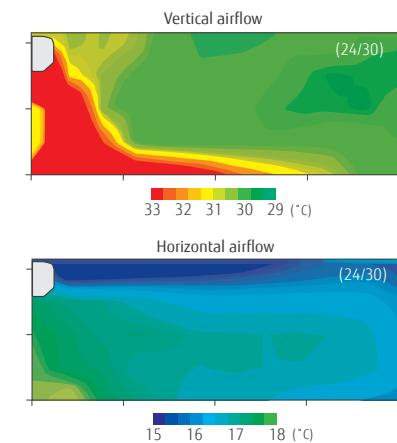


Quick Comfort



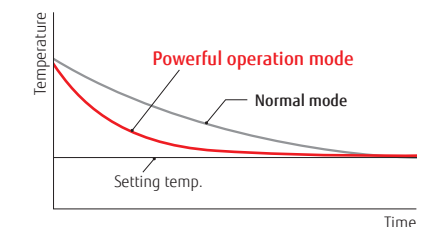
Power diffuser

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



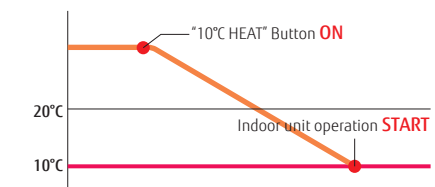
Powerful operation

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 Online Control (Adopting Wireless LAN Interface)

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



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

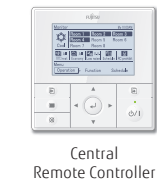
Fujitsu General is using ergonomics to expand the use of easy-to-use designs such as easy-to-read large LCD panels, easy-to-operate buttons, and displays with easily recognizable icons.

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



Simple individual control

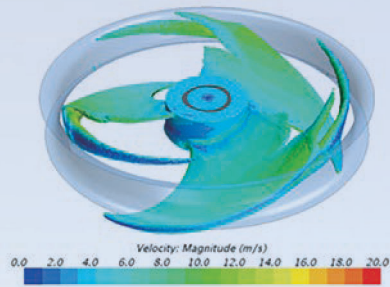


Quiet and Comfort Control

Low Noise Technology

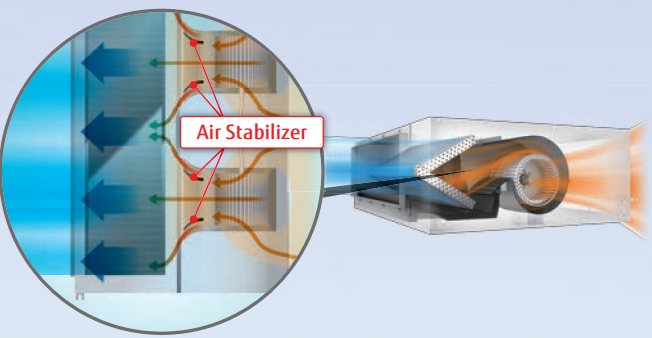
Outdoor unit Fan

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



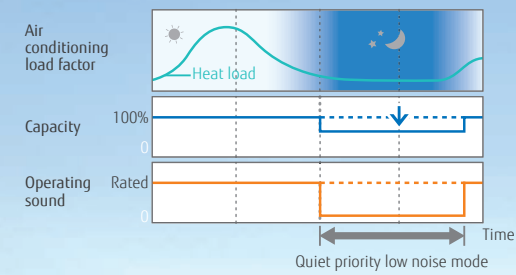
Air Stabilizer in Duct

Low noise duct structure with a built-in air stabilizer



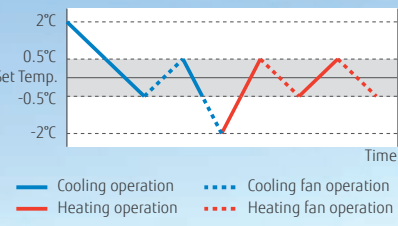
Outdoor unit low noise operation

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.



Fresh Air Intake kit

Feature Explanation

Energy Saving Function



Save human 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.



Energy saving mode
This mode raises the set temperature slightly in the cooling mode and lowers the set temperature in the heating mode to economically control the operation of the unit.



Economy mode
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.



Low noise mode
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 mode
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.



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



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



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



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.



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



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.



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.



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



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



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



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



Filter sign
Indicates the filter cleaning period by lamp.

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.



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



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.



Long life filter



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.

Installation



Drain pump as standard



Blue fin



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-016 **INVERTER: Common Models**

Wall Mounted
Compact Cassette
Circular Flow Cassette
Cassette
Floor/Ceiling
Ceiling
Slim Duct
Medium Static Pressure Duct
High Static Pressure Duct

S-036 **Feature Summary**



Split All Type Lineup

INVERTER : Models by Country				Class								
Type	Refrigerant	Model	Class			Class						
			9	12	14	18	24	30	36	45	54	60
 for Singapore	Wall Mounted	 Heating & Cooling		ASYG12LUCA		ASYG14LUCA						
		 Cooling only	 18/24	 30			ASAG18JFCB	ASAG24JFCB	ASAG30JFTB			
	Cassette	 Heating & Cooling	 24/36	 36/45				AUAG24LRLA-A	AUAG36LRLC-A AUAG36LRLD-A	AUAG45LRLD-A		
 for Vietnam	Wall Mounted	 Cooling only	 09/12	 18	 24	ASAG09CPTA-V	ASAG12CPTA-V		ASAG18CPTA-V	ASAG24CPTA-V		
		 Cooling only Heating & Cooling		ASAG12LLTA-V								

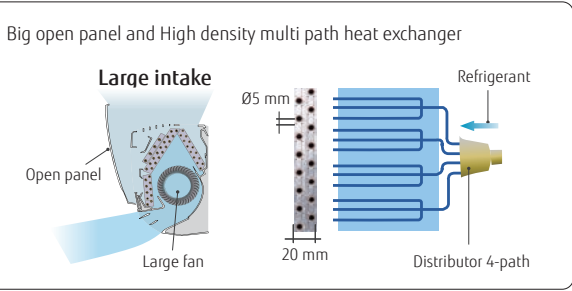
INVERTER : Common Models				Class								
Type	Refrigerant	Model	Class			18	24	30	36	45	54	60
Wall Mounted	 Heating & Cooling	 	ASYG09LLCE	ASYG12LLCE								
	 Heating & Cooling	 				ASYG18LFCA	ASYG24LFCC	ASYG30LFCA				
Circular Flow Cassette	 Heating & Cooling	 18/24	 30/36/45/54			AUXG18LRLB	AUXG24LRLB	AUXG30LRLB	AUXG36LRLB	AUXG45LRLB	AUXG54LRLB	
Compact Cassette / Cassette	 Heating & Cooling	 18/24	 30/36/45/54			AUYG18LVLB	AUYG24LVLA	AUAG30LRLA	AUAG36LRLA	AUAG45LRLA	AUAG54LRLA	
Floor / Ceiling Universal Ceiling	 Heating & Cooling	 18/24	 30/36/45			ABYG18LVTB	ABYG24LVTA	ABAG30LRTA	ABAG36LRTA	ABAG45LRTA		
Slim Duct Medium Static Pressure Duct	 Heating & Cooling	 18	 24/30/36/45			ARYG18LLTB	ARYG24LMLA	ARAG30LMLA	ARAG36LMLA	ARAG45LMLA		
High Static Pressure Duct	 Heating & Cooling	 45/54	 60							ARYG45LHTA	ARYG54LHTA	ARYG60LHTA

Wall Mounted



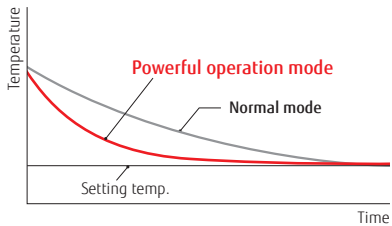
Thin & Slim design

Thin and slim design is realized by Ø5 mm heat exchanger and high efficiency wind blower.



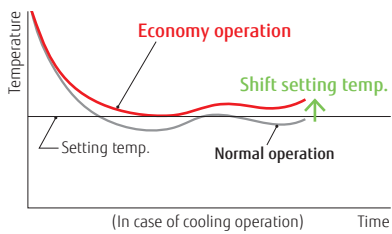
Powerful operation

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



Economy operation

Setting temp. is shifted by 1°C automatically.

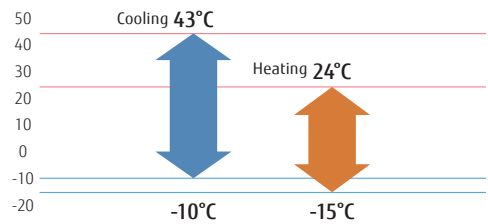


3 Mode timer (Weekly/Program/Sleep)

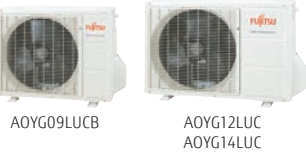
Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, program timer and sleep timer can be also selected by one push.



Wide operation range



Model: ASYG09LUCA / ASYG12LUCA / ASYG14LUCA



Specifications

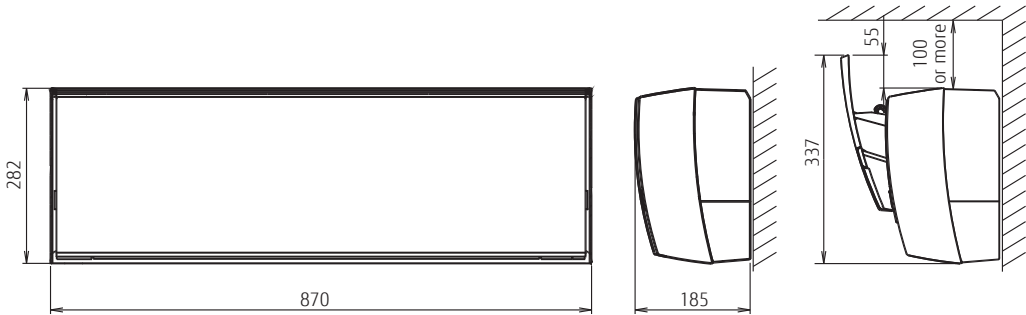
Model No.	Indoor unit		ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
	Outdoor unit		AOYG09LUCB	AOYG12LUC	AOYG14LUC
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
	Cooling (Min.-Max.)	kW	2.5(0.5-3.2)	3.5(0.9-4.0)	4.2(0.9-5.0)
Capacity		Btu/h	8,500(1,700-10,900)	11,900(3,100-13,600)	14,300(3,100-17,100)
	Heating (Min.-Max.)	kW	3.2(0.5-4.2)	4.0(0.9-5.6)	5.4(0.9-6.0)
Input Power		Btu/h	10,900(1,700-14,300)	13,600(3,100-19,100)	18,400(3,100-20,500)
	Cooling/Heating	kW	0.555/0.680	0.905/0.930	1.235/1.380
EER	Cooling	W/W	4.50	3.87	3.40
COP	Heating	W/W	4.71	4.30	3.91
Running Current	Cooling/Heating	A	3.1/3.4	4.6/4.7	5.8/6.3
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level (Cooling/Heating)	Indoor (High)		42/42	43/43	45/45
	Outdoor	dB(A)	48/48	50/50	50/50
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	800/800	850/850	900/900
	Outdoor		1,720/1,510	1,940/1,700	1,940/1,700
Net Dimensions H x W x D	Indoor	mm	282 x 870 x 185	282 x 870 x 185	282 x 870 x 185
		kg(lbs)	9.5(21)	9.5(21)	9.5(21)
Net Weight	Outdoor	mm	540 x 660 x 290	540 x 790 x 290	540 x 790 x 290
		kg(lbs)	25.0(55)	33.0(73)	34.0(75)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)			11.8 / 15.0 to 16.8	11.8 / 15.0 to 16.8	11.8 / 15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20(15)	20(15)	20(15)
Max. Height Difference			15	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller (3-wire type):	UTY-RSNYM
External Switch Controller:	UTY-TERX
Wireless LAN Interface:	UTY-TFNXZ3
Communication Kit:	UTY-TWBXF, UTY-TWBXF2
Network Converter for single split (DC power supply type):	UTY-VTGX
Network Converter for single split (AC power supply type):	UTY-VTGXV
External Connect Kit:	UTY-XWZXZ5

Dimensions

(Unit : mm)



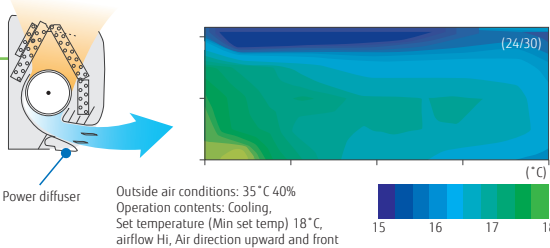
Wall Mounted



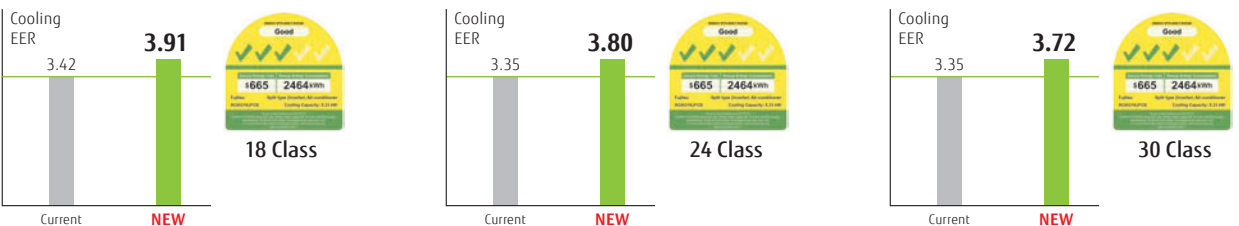
Comfort airflow

Power diffuser (18/24model only)

"Horizontal airflow" does not blow cool air directly at the occupants in the room

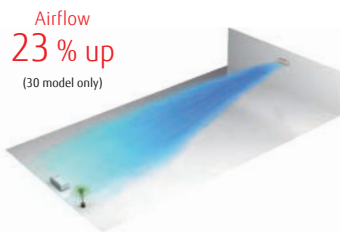


High Energy Efficiency

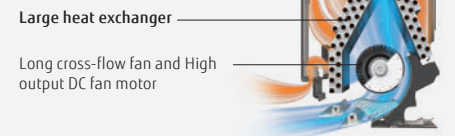


Large Capacity & Powerful airflow

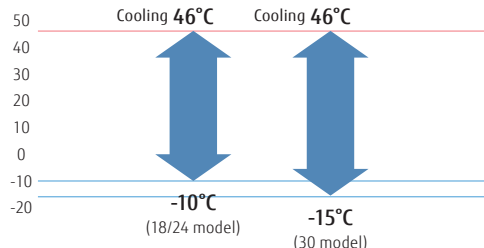
Achieved large capacity and powerful airflow by large heat exchanger, long cross-flow fan, high output DC fan motor and new airflow structure design.



New dual suction design



Wide operation range



Model: ASAG18JFCB / ASAG24JFCB / ASAG30JFTB



ASAG18JFCB



ASAG30JFTB



Wireless R.C.



AOAG18JFCB
AOAG24JFCB



AOAG30JFTB

Specifications

Model No.	Indoor unit		ASAG18JFCB	ASAG24JFCB	ASAG30JFTB
	Outdoor unit		AOAG18JFCB	AOAG24JFCB	AOAG30JFTB
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.2(0.9-8.0)	6.0(0.9-8.0)	7.3(2.9-9.0)
		Btu/h	17,700(3,100-27,300)	20,400(3,100-27,300)	24,900(9,900-30,700)
Input Power	Cooling	kW	1.33	1.58	1.96
EER	Cooling	W/W	3.91	3.80	3.72
Running Current	Cooling	A	6.0	7.1	8.4
Moisture Removal		l/h	1.0	1.1	1.9
Sound Pressure Level (Cooling)	Indoor (High)		49	49	50
	Outdoor	dB(A)	53	55	52
Airflow Rate (Cooling)	Indoor (High)		1,120	1,120	1,380
	Outdoor	m³/h	1,910	2,460	3,600
Net Dimensions H x W x D	Indoor	mm	320 x 998 x 238	320 x 998 x 238	340 x 1,150 x 280
		kg(lbs)	14 (31)	14 (31)	18 (40)
Net Weight	Outdoor	mm	620 x 790 x 290	620 x 790 x 290	820 x 900 x 330
		kg(lbs)	41 (90)	41 (90)	61 (134)
Piping Connections (Small / Large)		mm	6.35/15.88	6.35/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			12.0/16.0	12.0/16.0	13.8 / 15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	30 (15)	30 (15)	50 (20)
Max. Height Difference			20	20	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-15 to 46
Refrigerant			R410A	R410A	R410A

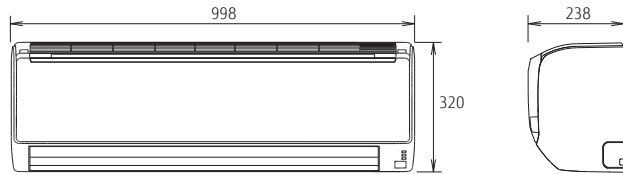
Optional parts

- Wired Remote Controller: UTY-RNNYM
- Simple Remote Controller (3-wire type): UTY-RSNYM
- Wireless LAN Interface: UTY-TFNXZ3
- Communication kit: UTY-XWNX
- External Connect Kit: UTY-XWZX
- Silver Ion Filter II: UTR-FA16-8 (30)

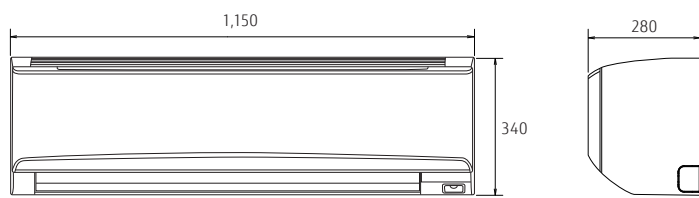
Dimensions

(Unit : mm)

Model: ASAG18JFCB / ASAG24JFCB



Model: ASAG30JFTB

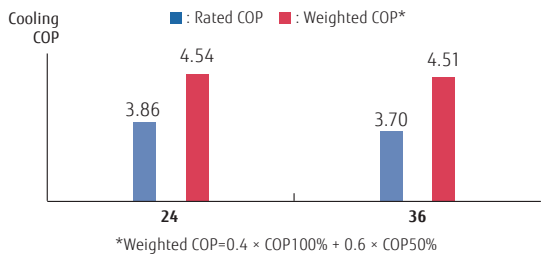


Cassette



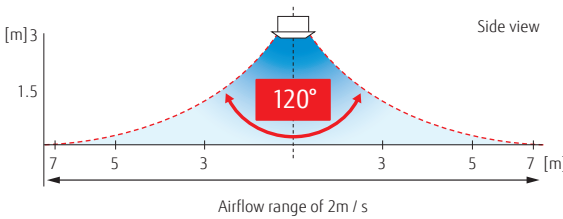
Top Class High EER

The EER figures in this two models can be found in tick 3 in 24 Btu model and tick 2 in 36 Btu model in the energy-saving program in Singapore.



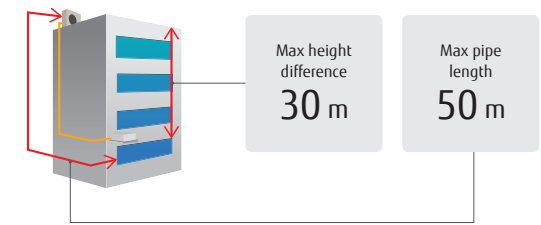
Long-Reach And Wide Angle Air Flow

The airflow can be travelled in all directions and at far distance. It enables to produce the best performance in sizable spaces such as office and school.



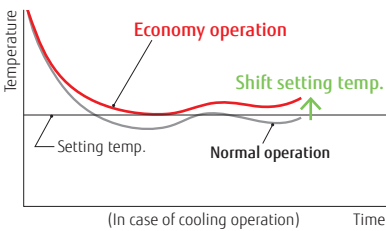
Flexible Installations

Long piping and operability in high ambient temperature enables to enhance the installation flexibility.



Economy operation

Economy operation automatically increases the temperature setting by 1 degree which helps to save power consumption.



Simultaneous use of Wireless and Wired Remote Controller

Wired and wireless remote controllers can be simultaneously used, which enables to utilize the benefits of both remote controllers.



Model: AUAG24LRLA-A / AUAG36LRLC-A



Specifications

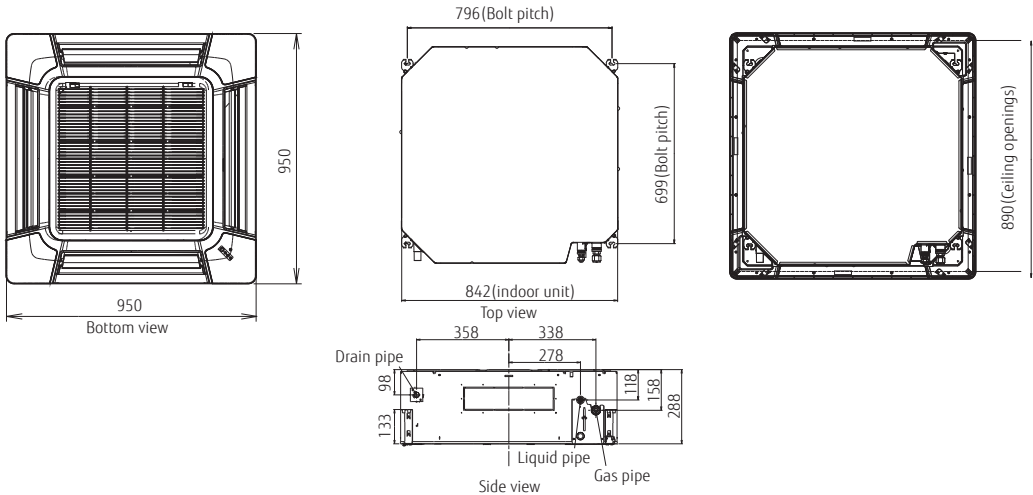
Model No.	Indoor unit		AUAG24LRLA-A	AUAG36LRLC-A
	Outdoor unit		AOAG24LBTB-A	AOAG36LBTB-A
Power Source			230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	7.10(2.80-10.00)	10.00(4.00-14.00)
		Btu/h	24,200(9,500-34,100)	34,100(13,700-47,800)
	Heating (Min.-Max.)	kW	8.00(2.70-11.20)	11.20(4.20-16.20)
		Btu/h	27,300(9,200-38,200)	38,200(14,300-55,300)
Input Power	Cooling/Heating	kW	1.84/1.86	2.70/2.60
EER	Cooling	W/W	3.86	3.70
COP	Heating		4.30	4.31
Running Current	Cooling/Heating	A	8.1/8.2	11.8/11.4
Moisture Removal		l/h	2.1	3.6
Sound Pressure Level (Cooling/Heating)	Indoor (High)		40/40	46/46
	Outdoor	dB(A)	51/53	53/53
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,600/1,600	1,900/1,900
	Outdoor		3,600/3,600	6,200/5,800
Net Dimensions H x W x D	Indoor / grille	mm	288 x 840 x 840 / 50 x 950 x 950	288 x 840 x 840 / 50 x 950 x 950
		kg(lbs)	23.0(51) / 5.5(12)	26.0(57) / 5.5(12)
Net Weight		mm	830 x 900 x 330	1,260 x 900 x 330
	Outdoor	kg(lbs)	61.0(134)	86.0(190)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			25/32	25/32
Max. Pipe Length (Pre-Charge)		m	50 (20)	50 (20)
Max. Height Difference			30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant			R410A	R410A
Cassette Grille			UTG-UGYA-W	UTG-UGYA-W

Optional parts

Wired Remote Controller:	UTY-RNNYM	Fresh Air Intake Kit:	UTZ-VXGA
Simple Remote Controller (3-wire type):	UTY-RSNNM		
External Connect Kit:	UTD-ECS5A	(Outdoor unit 36)	
Wide Panel:	UTG-AGYA-W	External Connect Kit:	UTY-XWZXZ3
Panel Spacer:	UTG-BGYA-W		
Cassette Grille:	UTG-UGYA-W		
Air Outlet Shutter Plate:	UTR-YDZC		
IR Receiver Unit:	UTY-LRHYA2		
External Connect Kit:	UTY-XWZX		
Insulation Kit For High Humidity:	UTZ-KXGA		

Dimensions

(Unit : mm)

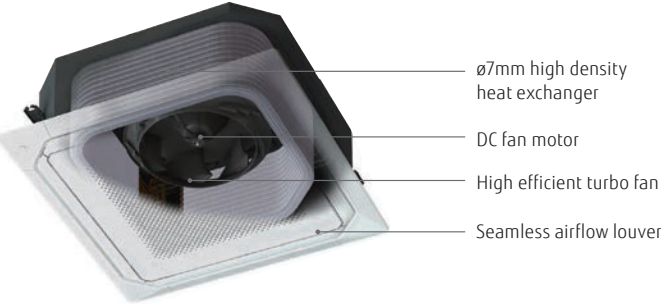


Cassette



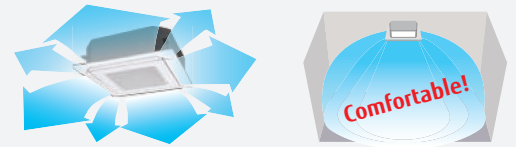
Uniform air distribution by the seamless air opening

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



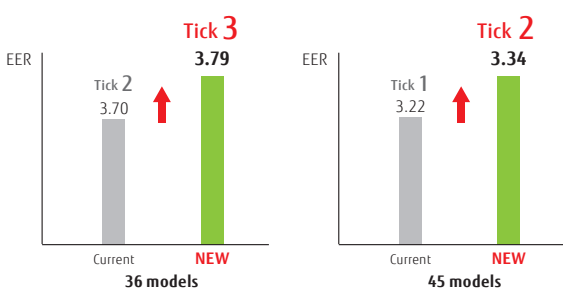
Uniform temperature air conditioning

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



High energy efficiency

Achieve highly energy efficiency level (Tick) by new indoor unit design and new DC inverter control.

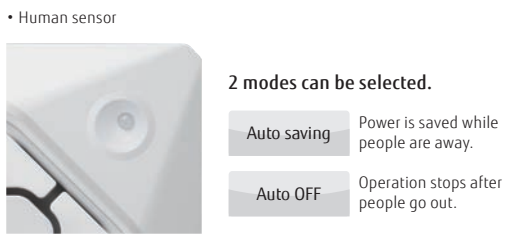


Wireless remote control

Improve the operability and installation work by the wireless remote controller.



Human Sensor for Energy Saving (Option)



Model: AUAG36LRLD-A / AUAG45LRLD-A



Specifications

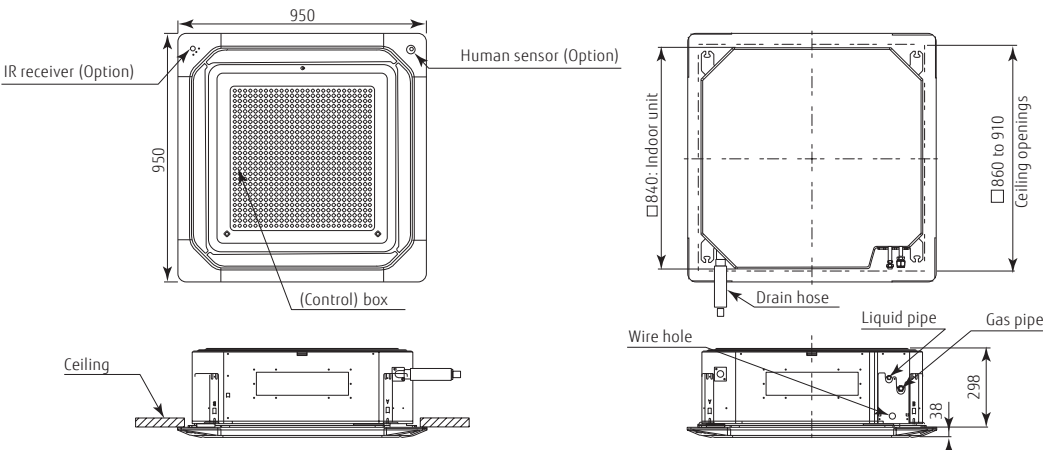
Model No.	Indoor unit		AUAG36LRLD-A		AUAG45LRLD-A	
	Outdoor unit		AOAG36LBTC-A		AOAG45LBTC-A	
Power Source			230/1/50		230/1/50	
Capacity	Cooling (Min.-Max.)	kW	9.70(4.00-13.50)		11.70(4.00-14.00)	
		Btu/h	33,100(13,600-46,100)		40,000(13,600-47,800)	
	Heating (Min.-Max.)	kW	10.8(4.20-15.70)		14.0(4.20-16.20)	
		Btu/h	38,200(14,300-53,600)		47,800(14,300-55,300)	
Input Power	Cooling/Heating	kW	2.56/2.45		3.50/3.73	
EER	Cooling	W/W	3.79		3.34	
COP	Heating		4.41		3.75	
Running Current	Cooling/Heating	A	11.2 / 10.9		15.5 / 16.5	
Moisture Removal		l/h	2.00		3.50	
Sound Pressure Level (Cooling/Heating)	Indoor (High)		46/46		46/46	
	Outdoor	dB(A)	53/53		55/55	
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	2,000/2,000		2,000/2,000	
	Outdoor		6,200/5,800		6,750/6,200	
Net Dimensions H x W x D	Indoor / grille	mm	288 x 840 x 840 / 53 x 950 x 950		288 x 840 x 840 / 53 x 950 x 950	
		kg(lbs)	29.0(63.9)/6.0(13)		29.0(64)/6.0(13)	
Net Weight	Outdoor	mm	1,290 x 900 x 330		1,290 x 900 x 330	
		kg(lbs)	86.0(190)		86.0(190)	
Piping Connections (Small / Large)		mm	9.52 / 15.88		9.52 / 15.88	
Drain Pipe Diameter (I.D./O.D.)			25 / 32		25 / 32	
Max. Pipe Length (Pre-Charge)		m	50 (20)		50 (20)	
Max. Height Difference			30		30	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant			R410A		R410A	
Cassette Grille			UTG-UKAASW		UTG-UKAASW	

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Air Outlet Shutter Plate:	UTR-YDZK
Wired Remote Controller (Touch Panel):	UTY-RNRYZ5	Human Sensor Kit:	UTY-SHZXC
Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM	External input and output PCB:	UTY-XCSX
Simple Remote Controller (3-wire type):	UTY-RSNYM	External Connect Kit:	UTY-XWZXZG
Simple Remote Controller (2-wire type):	UTY-RSRY	Insulation Kit For High Humidity:	UTZ-KXRA
Simple Remote Controller (2-wire type):	UTY-RHRY	Fresh Air Intake Kit:	UTZ-VXRA
(Without operation mode)		External input and output PCB Box:	UTZ-GXRA
Wide Panel:	UTG-AKXA-W		
Panel Spacer:	UTG-BKXA-W		
Cassette Grille:	UTG-UKAASW		
		(Outdoor unit)	
		External Connect Kit:	UTY-XWZXZ3

Dimensions

(Unit : mm)

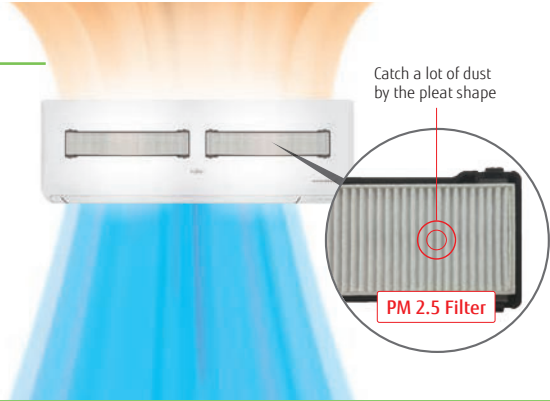


Wall Mounted



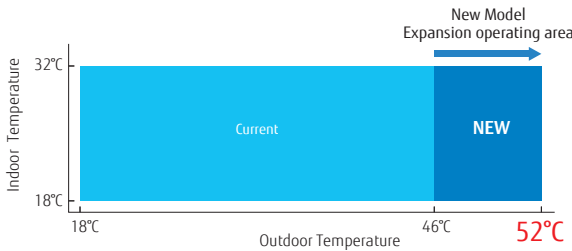
PM 2.5 filter the newly adopted

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.



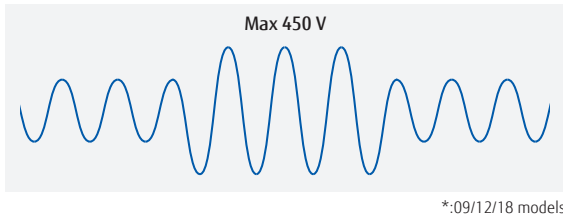
Powerful Cooling

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.



*:09/12/18 models

5-Star Rank in Energy Saving Program

This model 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



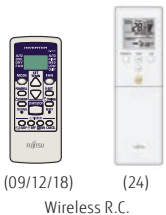
ASAG09/12CPTA-V



ASAG18CPTA-V



ASAG24CPTA-V



(09/12/18) (24)
Wireless R.C.



AOAG09CPTA-V
AOAG12CPTA-V
AOAG18CPTA-V



AOAG24CPTA-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 × 784 × 224	270 × 784 × 224	270 × 834 × 239	280 × 980 × 240
		kg(lbs)	8.5(19)	8.5(19)	11.0(24)	12.5(28)
		mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	632 × 799 × 290
Net Weight	Outdoor	kg(lbs)	22.0(49)	22.0(49)	27.0(60)	36.0(79)
		mm	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70
Piping Connections (Small / Large)			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
Drain Pipe Diameter (I.D./O.D.)			20(10)	20(10)	20(10)	25(15)
Max. Pipe Length (Pre-Charge)		m	15	15	15	20
Max. Height Difference			18 to 32	18 to 32	18 to 32	18 to 32
Operation Range	Indoor	°CDB	18 to 52	18 to 52	18 to 52	18 to 52
	Outdoor		18 to 52	18 to 52	18 to 52	18 to 52
Refrigerant			R32	R32	R32	R32

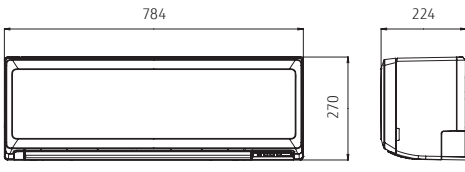
Optional parts

Silver Ion Filter II: UTR-FA16-7

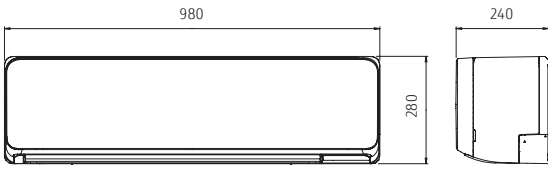
Dimensions

(Unit : mm)

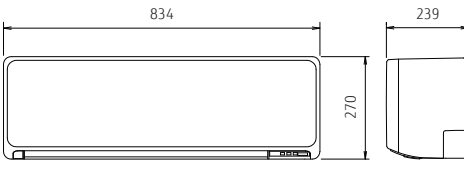
Model: ASAG09CPTA-V / ASAG12CPTA-V



Model: ASAG24CPTA-V



Model: ASAG18CPTA-V

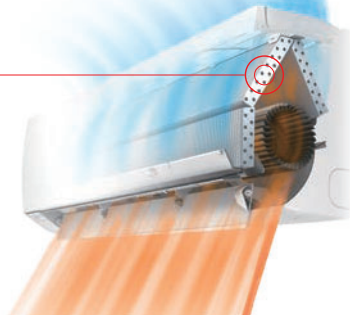
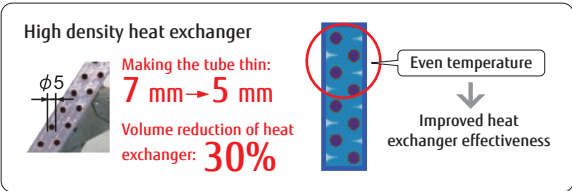


Wall Mounted



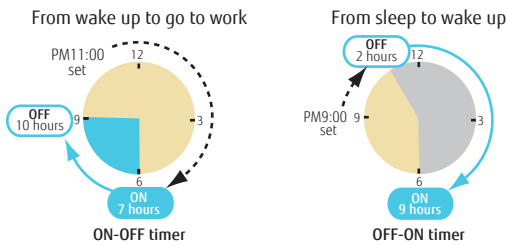
High Efficient Compact Design

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



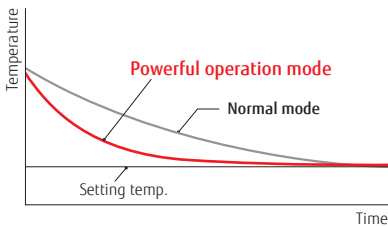
More Convenient Timer

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)



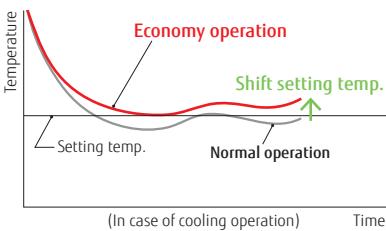
Powerful operation

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



Wireless R.C.



AOAG09LLTB-V
AOAG12LLTA-V

Specifications

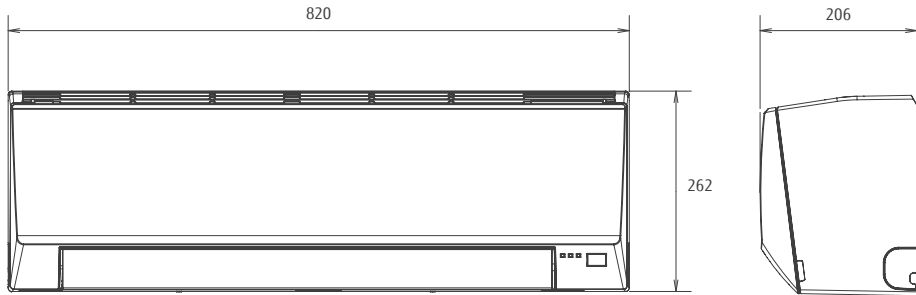
Model No.	Indoor unit		ASAG09LLTB-V	ASAG12LLTA-V
	Outdoor unit		AOAG09LLTB-V	AOAG12LLTA-V
Power Source		V/Ø/Hz	220/1/50	220/1/50
		kW	2.50(0.9-3.0)	3.40(0.9-3.8)
Capacity	Cooling (Min.-Max.)	Btu/h	8,500(3,070-10,230)	11,600(3,070-12,960)
	Heating (Min.-Max.)	kW	3.00(0.9-3.8)	4.00(0.9-5.0)
Input Power	Cooling/Heating	Btu/h	10,200(3,070-12,960)	13,600(3,070-17,060)
		kW	0.72/0.74	1.10/1.13
EER	Cooling	W/W	3.47	3.21
COP	Heating		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)		43/43	43/43
	Outdoor	dB(A)	47/48	50/51
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	720/740	720/740
	Outdoor		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.)			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		-15 to 24	-15 to 24
Refrigerant			R410A	R410A

Optional parts

Remote Controller Holder Kit: UTZ-RXLA

Dimensions

(Unit : mm)

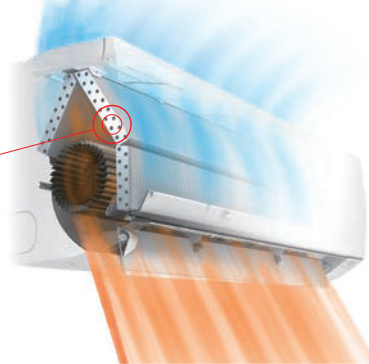
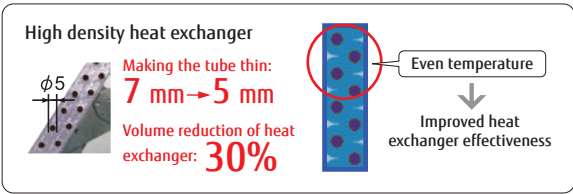


NEW

Wall Mounted

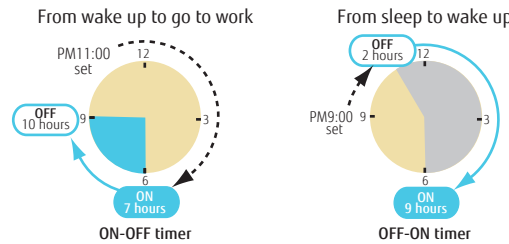


High efficient compact design



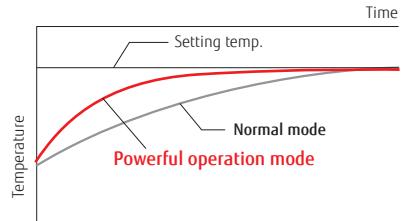
ON-OFF Programmable timer

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)



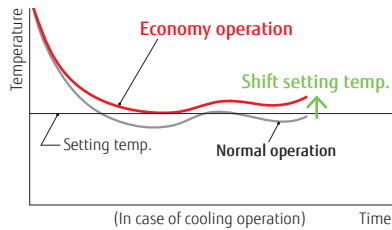
Powerful operation

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.

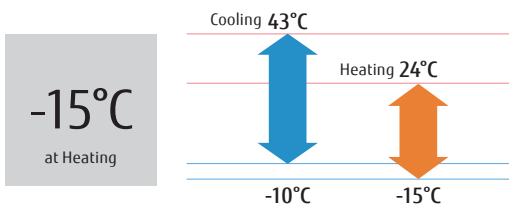


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Model: ASYG09LLCE / ASYG12LLCE



Wireless R.C.



AOYG09LLCE
AOYG12LLCE

Specifications

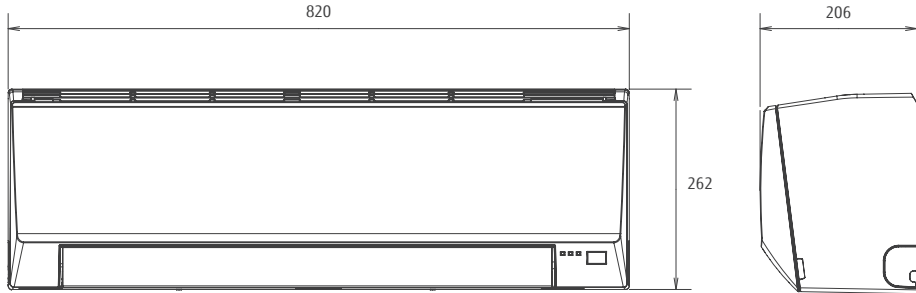
Model No.	Indoor unit		ASYG09LLCE	ASYG12LLCE
	Outdoor unit		AOYG09LLCE	AOYG12LLCE
Power Source		V/Ø/Hz	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.5 (0.9-3.0)	3.4 (0.9-3.8)
		Btu/h	8,500 (3,100-10,200)	11,600 (3,100-13,000)
	Heating (Min.-Max.)	kW	3.0 (0.9-3.8)	4.0 (0.9-5.0)
		Btu/h	10,200 (3,100-13,000)	13,600 (3,100-17,000)
Input Power	Cooling/Heating	kW	0.730/0.740	1.080/1.130
EER	Cooling	W/W	3.42	3.15
COP	Heating		4.05	3.54
Running Current	Cooling/Heating	A	6.0/7.5	6.5/9.0
Moisture Removal		l/h	1.3	1.8
Sound Pressure Level (Cooling/Heating)	Indoor (High)		43/43	43/43
	Outdoor	dB(A)	47/48	50/51
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	720/740	720/740
	Outdoor		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	535 x 663 x 293	535 x 663 x 293
		kg(lbs)	24 (53)	26 (57)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)			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	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24
Refrigerant			R410A	R410A

Optional parts

Remote Controller Holder: UTZ-RXLA

Dimensions

(Unit : mm)

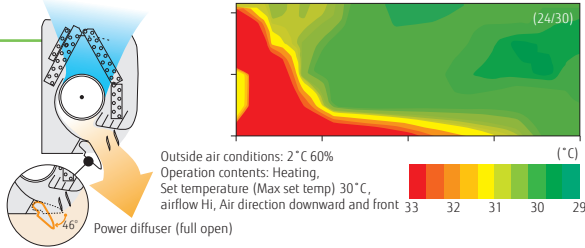


NEW

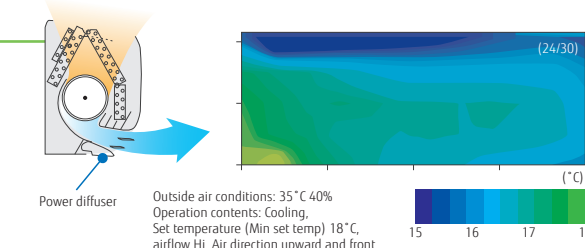
Wall Mounted



"Vertical airflow" provides powerful floor level heating



"Horizontal airflow" does not blow cool air directly at the occupants in the room

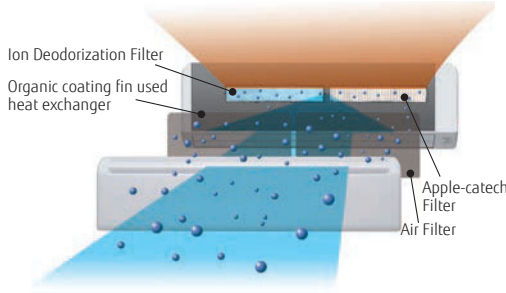


Air conditioner filter features

Using different filters at both sides

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.

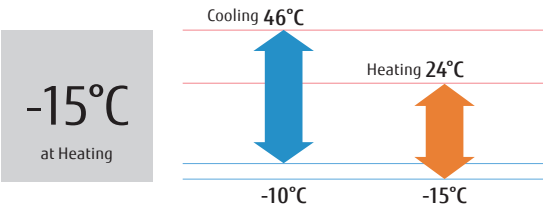
Apple-catechin Filter
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



Flexible Installation

	18 type	24 type	30 type
Max. Piping Length	25 m	30 m	50 m
Max. Height	20 m	20 m	30 m

Low ambient operation



Model: ASYG18LFCA / ASYG24LFCC / ASYG30LFCA



Wireless R.C.



AOYG18LFC
AOYG24LFCC



AOYG30LFT

Specifications

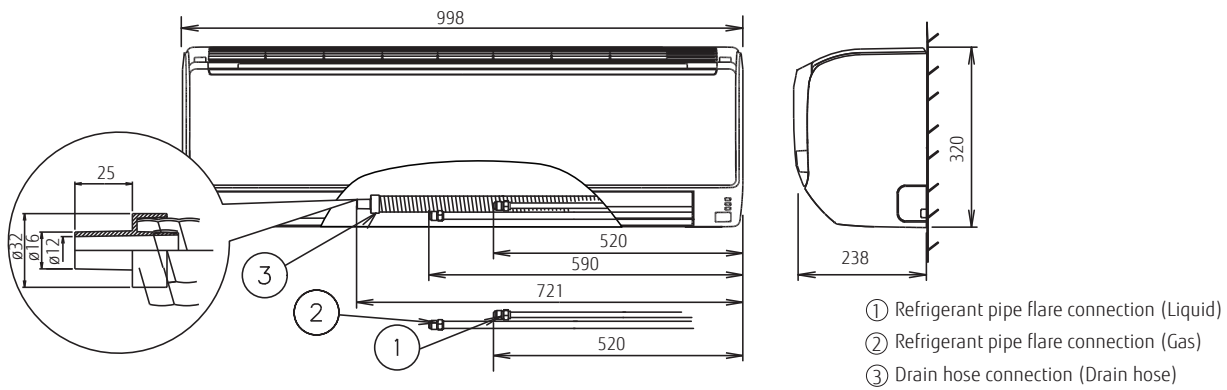
Model No.	Indoor unit		ASYG18LFCA	ASYG24LFCC	ASYG30LFCA
	Outdoor unit		AOYG18LFC	AOYG24LFCC	AOYG30LFT
Power Source		V/Ø/Hz	220/1/50	220/1/50	220/1/50
	Cooling (Min.-Max.)	kW	5.2 (0.9-6.0)	7.1 (0.9-8.0)	8.0 (2.9-9.0)
Capacity		Btu/h	17,700 (3,100-20,500)	24,200 (3,100-27,300)	27,300 (9,900-30,700)
	Heating (Min.-Max.)	kW	6.3 (0.9-9.1)	8.0 (0.9-10.6)	8.8 (2.2-11.0)
		Btu/h	21,500 (3,100-31,000)	27,300 (3,100-36,200)	30,000 (7,500-37,600)
Input Power	Cooling/Heating	kW	1.52/1.71	2.20/2.21	2.49/2.44
EER	Cooling	W/W	3.42	3.23	3.21
COP	Heating	W/W	3.68	3.61	3.61
Running Current	Cooling/Heating	A	9.0/12.5	13.5/18.5	17.0/19.0
Moisture Removal		l/h	2.6	2.7	3.2
Sound Pressure Level (Cooling/Heating)	Indoor (High)		43/42	49/48	48/49
	Outdoor	dB(A)	50/51	55/56	53/56
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	900/	1,120/	1,100/
	Outdoor		2,150/	2,460/	3,600/
Net Dimensions H x W x D	Indoor	mm	320 x 998 x 238	320 x 998 x 238	320 x 998 x 238
		kg(lbs)	14 (31)	14 (31)	14 (31)
Net Weight	Outdoor	mm	620 x 790 x 290	620 x 790 x 290	830 x 900 x 330
		kg(lbs)	41 (90)	41 (90)	61 (135)
Piping Connections (Small / Large)		mm	6.35/12.7	6.35/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			12/16	12/16	12/16
Max. Pipe Length (Pre-Charge)		m	25 (15)	30 (15)	50 (20)
Max. Height Difference			20	20	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
External Switch Controller:	UTY-TERX
Network Converter for single split (DC power supply type):	UTY-VTGX
Network Converter for single split (AC power supply type):	UTY-VTGXV
External Connect Kit:	UTY-XWZX
Wireless LAN Interface:	UTY-TFNXZ3

Dimensions

(Unit : mm)



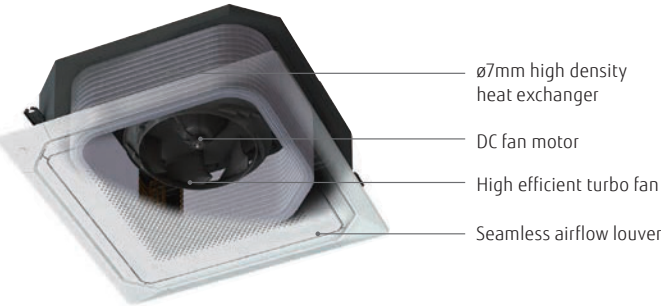
- ① Refrigerant pipe flare connection (Liquid)
- ② Refrigerant pipe flare connection (Gas)
- ③ Drain hose connection (Drain hose)

Circular Flow
Cassette



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

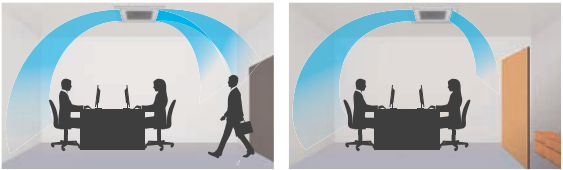
Achieve a comfortable air conditioning spread to every corner of the room by circular flow & wide vertical airflow.



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.



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-RNRYZ3) only

Model: AUXG18LRLB / AUXG24LRLB
AUXG30LRLB / AUXG36LRLB / AUXG45LRLB / AUXG54LRLB



Specifications

Model No.	Indoor unit		AUXG18LRLB	AUXG24LRLB	AUXG30LRLB	AUXG36LRLB	AUXG45LRLB	AUXG54LRLB
	Outdoor unit		AOYG18LBCA	AOYG24LBCA	AOYG30LBTB	AOYG36LBTB	AOYG45LBTB	AOYG54LBTB
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.2(0.9-6.5)	6.8(0.9-8.0)	8.5(2.8-10.0)	9.5(2.8-11.2)	12.5(4.0-14.0)	13.3(4.5-14.5)
		Btu/h	17,700(3,100-22,200)	23,200(3,100-27,300)	29,000(9,500-34,100)	32,400(9,500-38,200)	42,700(13,700-47,800)	45,400(21,200-49,500)
	Heating (Min.-Max.)	kW	6.0(0.9-8.0)	7.8(0.9-9.1)	10.0(2.7-11.2)	10.8(2.7-12.7)	14.0(4.2-16.2)	15.8(4.7-16.5)
		Btu/h	20,500(3,100-27,300)	26,600(3,100-31,000)	34,100(9,200-38,200)	36,900(9,200-43,300)	47,800(14,300-55,300)	53,900(16,000-56,300)
Input Power	Cooling/Heating	kW	1.42 / 1.50	2.16 / 2.18	2.56 / 2.77	2.96 / 2.91	3.85 / 3.73	4.38 / 4.58
EER	Cooling	W/W	3.66	3.15	3.32	3.21	3.25	3.04
COP	Heating		4.00	3.58	3.61	3.71	3.75	3.45
Running Current	Cooling/Heating	A	6.2 / 6.6	9.5 / 9.6	11.2 / 12.2	13.0 / 12.7	16.8 / 16.3	19.1 / 20.0
Moisture Removal		l/h	2.2	2.7	2.5	3.3	4.5	5.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		33/33	35/35	40/40	44/44	46/46	47/47
	Outdoor	dB(A)	51/50	55/56	53/55	54/55	55/55	55/57
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,050/1,050	1,150/1,150	1,600/1,600	1,900/1,900	2,000/2,000	2,100/2,100
	Outdoor		1,900/1,700	2,460/2,340	3,600/3,600	3,800/3,800	6,750/6,200	6,750/6,850
Net Dimensions H x W x D	Indoor / grille	mm	246 × 840 × 840 / 53 × 950 × 950					
		kg(lbs)	24 (53) / 6.0 (13)	24 (53) / 6.0 (13)	26 (57) / 6.0 (13)	26 (57) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)
Net Weight	Outdoor	mm	620 × 790 × 290	620 × 790 × 290	830 × 900 × 330	830 × 900 × 330	1,290 × 900 × 330	1,290 × 900 × 330
		kg(lbs)	41 (90)	41 (90)	61 (134)	61 (134)	86 (190)	86 (190)
Piping Connections (Small / Large)		mm	6.35/12.7	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	30 (15)	30 (15)	50 (20)	50(20)	50(20)	50(20)
Max. Height Difference			20	20	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A
Cassette Grille	Variation		UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKYC-W: White Color / UTG-UKYA-B*1: Black Color					

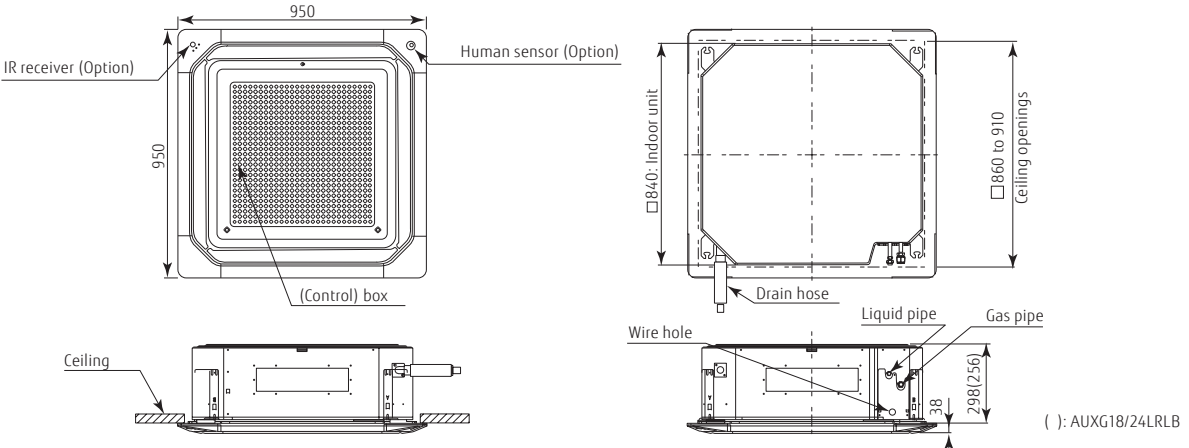
*1: IR Receiver kit and human sensor kit cannot be connected.

Optional parts

Compact Wired Remote Controller: UTY-RCRYZ1	Wireless LAN Interface: UTY-TFNXZ3	Cassette Grille: UTG-UKYA-B
Wired Remote Controller: UTY-RLRY, UTY-RVNYM	KNX® Converter: UTY-VKSX	UTG-UKYA-W
UTY-RNNYM	MODBUS™ Converter: UTY-VMSX	UTG-UKYC-W
Wired Remote Controller (Touch Panel): UTY-RNRYZ5	External input and output PCB: UTY-XCSX	Network Converter for single split (DC power supply type): UTY-VTGX
Simple Remote Controller (3-wire type): UTY-RSRYM	External Connect Kit: UTY-XWZXZG	Network Converter for single split (AC power supply type): UTY-VTGXV
Simple Remote Controller (2-wire type): UTY-RSRY	Insulation Kit For High Humidity: UTZ-KXRA	Air Outlet Shutter Plate: UTR-YDZK
Simple Remote Controller (2-wire type): UTY-RHRY	Fresh Air Intake Kit: UTZ-VXRA	IR Receiver Unit: UTY-LBTYC
(Without operation mode)	External input and output PCB Box: UTZ-GXRA	
Human Sensor Kit: UTY-SHZXC	Wide Panel: UTG-AKXA-W	(Outdoor unit 45/54)
External Switch Controller: UTY-TERX	Panel Spacer: UTG-BKXA-W	External Connect Kit: UTY-XWZXZ3

Dimensions

(Unit : mm)



Compact Cassette



2-stage turbo fan

High efficiency design by 2 stage structure

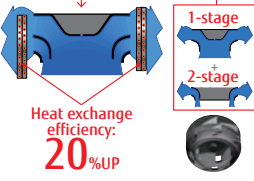
Previous turbo fan

In the case of a conventional fan, the air outlet range was narrow as the airflow moved to the motor side which meant the velocity of air passing through the heat exchanger was uneven.



2-stage turbo fan

An evenly spread air distribution across the heat exchanger is possible due to the 2 stage turbo fan which produces two separate airflow streams.



Wind velocity

Fast

Slow

Quiet quality

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

Designed by CFD-analysis (fluid) simulations

Laminar wing

Airflow runs through smoothly along the laminar wing

No airflow separation

Quiet

Adoption of laminar wing

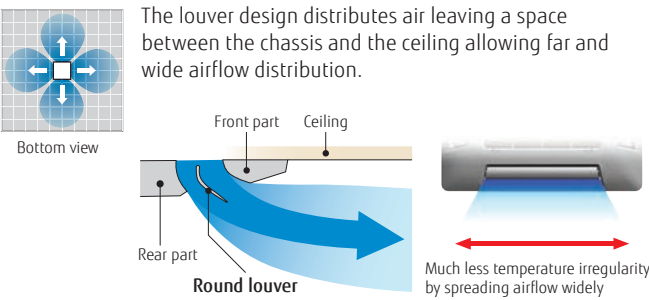
Spin direction

Airflow direction

Quiet

Improvement of the airflow distribution

The louver design distributes air leaving a space between the chassis and the ceiling allowing far and wide airflow distribution.



Bottom view

Front part

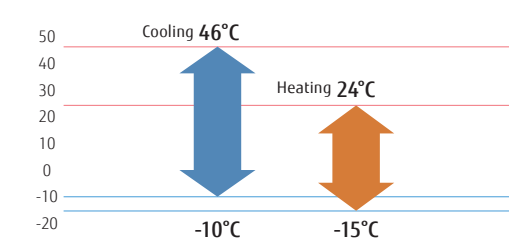
Ceiling

Rear part

Round louver

Much less temperature irregularity by spreading airflow widely

Wide operation range



Model : AUYG18LVLB / AUYG24LVLA



Specifications

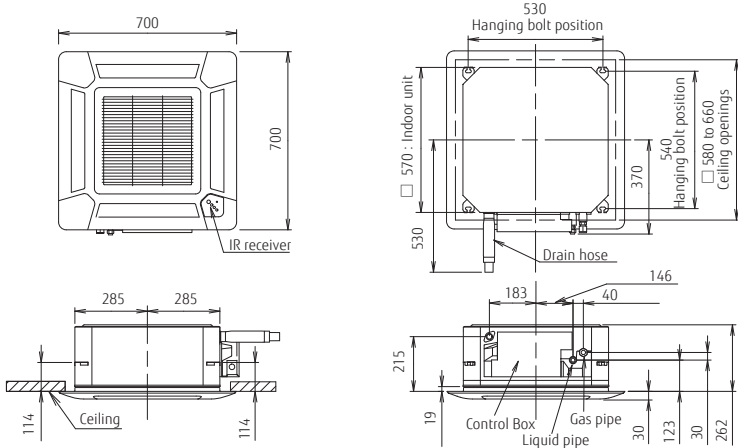
Model No.	Indoor unit		AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG18LBCB	AOYG24LBCB
Power Source		V/Ø/Hz	230/1/50	230/1/50
		kW	5.20(0.9-5.9)	6.80(0.9-8.0)
Capacity	Cooling (Min.-Max.)	Btu/h	17,700(3,100-20,100)	23,200(3,100-27,300)
	Heating (Min.-Max.)	kW	6.00(0.9-7.5)	8.00(0.9-9.1)
Input Power		Btu/h	20,500(3,100-25,600)	27,300(3,100-31,000)
	Cooling/Heating	kW	1.62/1.66	2.21/2.26
EER	Cooling	W/W	3.21	3.08
COP	Heating		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)		38/43	49/49
	Outdoor	dB(A)	50/50	53/54
Airflow Rate (Cooling/Heating)	Indoor (High)		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 × 570 × 570 / 49 × 700 × 700	245 × 570 × 570 / 49 × 700 × 700
		kg(lbs)	15.0 (33) / 2.6 (6)	16.0 (35) / 2.6 (6)
Net Weight		mm	632 × 799 × 290	716 × 820 × 315
	Outdoor	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.)			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		-15 to 24	-15 to 24
Refrigerant			R410A	R410A
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W

Optional parts

- Wired Remote Controller: UTY-RNNYM
Simple Remote Controller: UTY-RVNYM
External Switch Controller: UTY-RSNYM
External Connect Kit: UTY-TERX
Insulation Kit For High Humidity: UTY-XWZX
Fresh Air Intake Kit: UTZ-KXGC
Cassette Grille: UTZ-VXAA
Air Outlet Shutter Plate: UTR-YDZB
Wireless LAN Interface: UTY-TFNXZ3
- Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV

Dimensions

(Unit : mm)



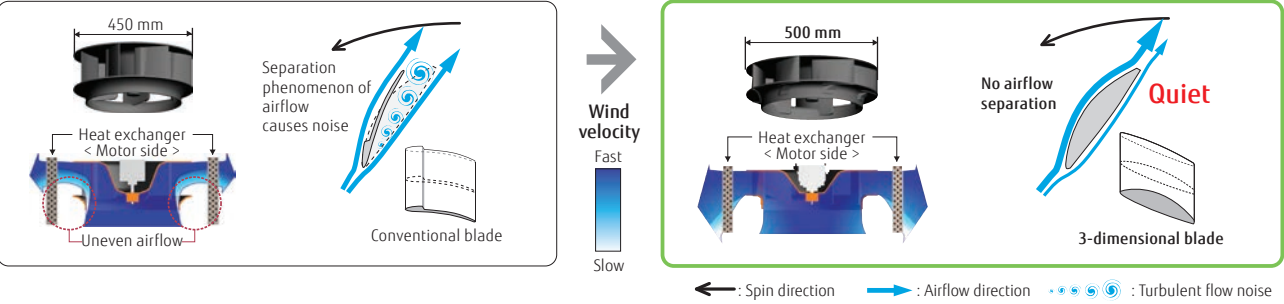
Cassette



High efficiency turbo fan with 3-dimensional blade

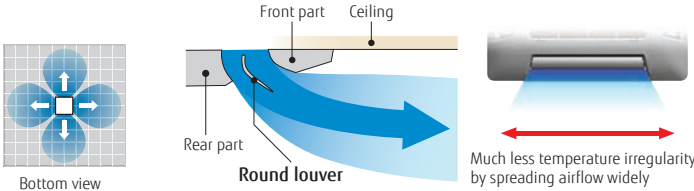
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

New turbo fan: High efficiency airflow distribution has been achieved by the introduction of a 3 dimensional blade which increases the air passing over the heat exchanger.



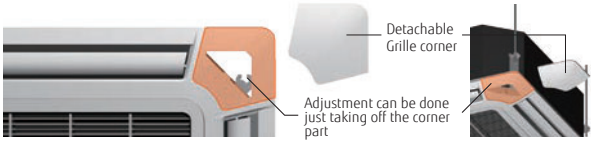
Improvement of the airflow distribution

The louver design distributes air leaving a space between the chassis and the ceiling allowing far and wide airflow distribution.

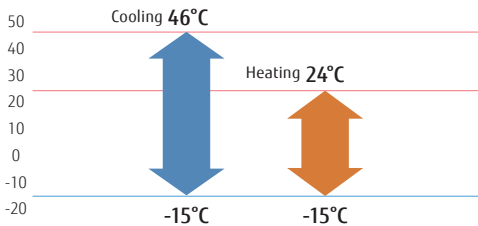


Adjustment of hanger position is possible after installation.

Hanging bracket can be checked directly by removing the corner cover. Hanging position can be arranged easily.



Wide operation range



Model: AUAG30LRLA / AUAG36LRLA / AUAG45LRLA / AUAG54LRLA



Specifications

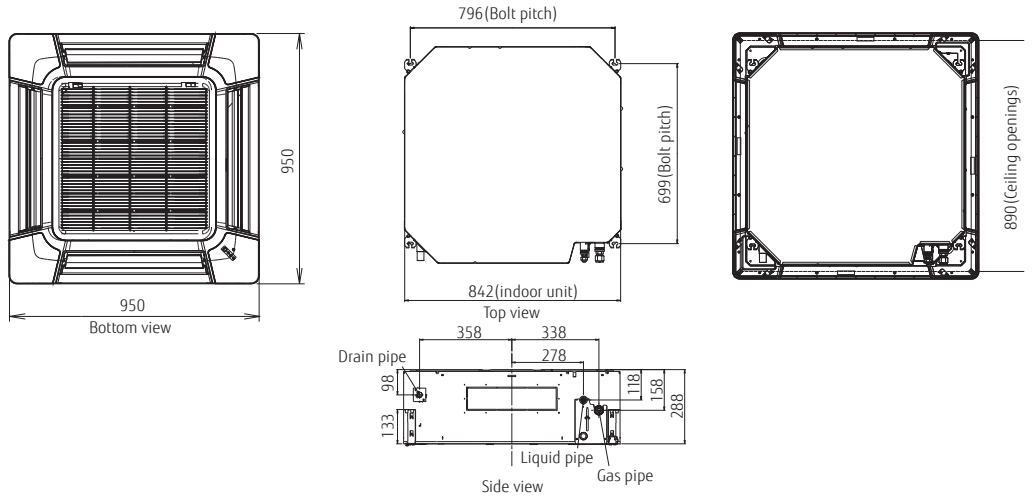
Model No.	Indoor unit		AUAG30LRLA	AUAG36LRLA	AUAG45LRLA	AUAG54LRLA
	Outdoor unit		AOAG30LBTA	AOAG36LBTA	AOAG45LBTA	AOAG54LBTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	8.50(2.8-10.0)	10.00(2.8-11.2)	12.50(4.0-14.0)	13.3(4.5-14.5)
		Btu/h	29,000(9,500-34,100)	34,100(9,500-38,200)	42,700(13,700-47,800)	45,400(15,400-49,500)
	Heating (Min.-Max.)	kW	10.00(2.7-11.2)	11.20(2.7-12.7)	14.00(4.2-16.2)	16.0(4.7-16.5)
		Btu/h	34,100(9,200-38,200)	38,200(9,200-43,300)	47,800(14,300-55,300)	54,600(16,000-56,300)
Input Power	Cooling/Heating	kW	2.54/2.77	3.12/3.02	3.88/3.77	4.42/4.69
EER	Cooling	W/W	3.35	3.21	3.22	3.01
COP	Heating		3.61	3.71	3.71	3.41
Running Current	Cooling/Heating	A	11.1/12.2	13.7/13.3	16.9/16.5	19.3/20.5
Moisture Removal		l/h	2.5	3.5	4.5	5.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		40/40	43/43	46/46	47/47
	Outdoor	dB(A)	53/55	54/55	55/55	55/57
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,600/1,600	1,800/1,800	1,900/1,900	2,000/2,000
	Outdoor		3,600/3,800	3,800/3,800	6,750/6,200	6,750/6,850
Net Dimensions H x W x D	Indoor / grille	mm	288 x 840 x 840 / 50 x 950 x 950			
Net Weight		kg(lbs)	23.0(51)/5.5(12)	23.0(51)/5.5(12)	26.0(57)/5.5(12)	26.0(57)/5.5(12)
	Outdoor	mm	830 x 900 x 330	830 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330
		kg(lbs)	61.0(134)	61.0(135)	86.0(190)	86.0(190)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0
Max. Pipe Length (Pre-Charge)		m	50(20)	50(20)	50(20)	50(20)
Max. Height Difference			30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A
Cassette Grille			UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W

Optional parts

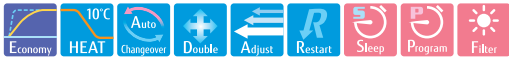
Wired Remote Controller:	UTY-RNNYM	Insulation Kit For High Humidity:	UTZ-KXGA
Simple Remote Controller (3-wire type):	UTY-RSNNYM	Fresh Air Intake Kit:	UTZ-VXGA
External Connect Kit:	UTD-ECS5A		
Wide Panel:	UTG-AGYA-W		
Panel Spacer:	UTG-BGYA-W		
Cassette Grille:	UTG-UGYA-W		
Air Outlet Shutter Plate:	UTR-YDZC		
IR Receiver Unit:	UTY-LRHYA2		
Wireless LAN Interface:	UTY-TFNXZ3		
External Connect Kit:	UTY-XWZXX		

Dimensions

(Unit : mm)



Floor/
Ceiling Universal



Flexible installation

Example for floor installation
Floor console

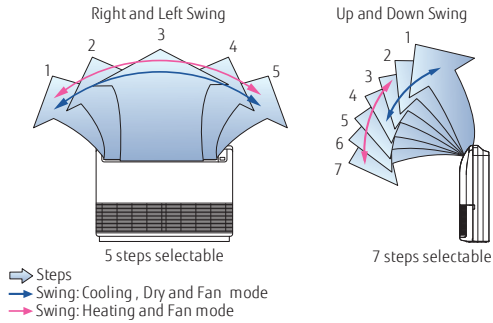


Example for ceiling installation
Under ceiling



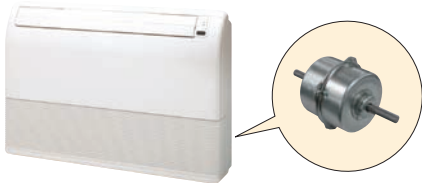
Double auto swing

A combination of right/left and up/down directional swing allows 3-dimensional air direction control

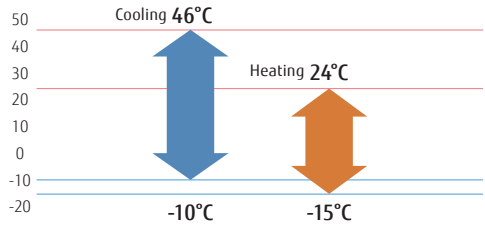


High power
DC fan motor

- High power
- Wide rotation range
- High efficiency



Wide operation range



Model : ABYG18LVTB / ABYG24LVTA



Wireless R.C.



AOYG18LBCB



AOYG24LBCB

Specifications

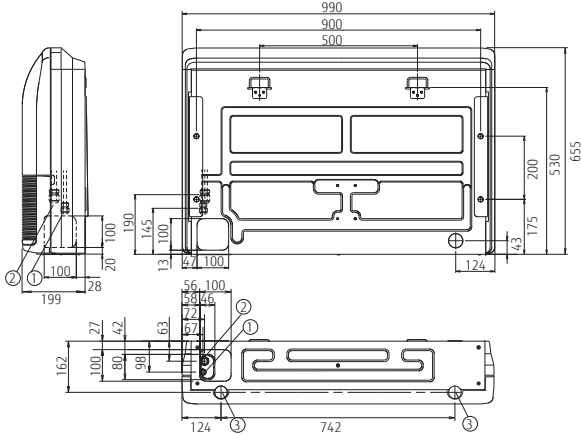
Model No.	Indoor unit		ABYG18LVTB	ABYG24LVTA
	Outdoor unit		AOYG18LBCB	AOYG24LBCB
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.20(0.9-5.9)	6.80(0.9-8.0)
		Btu/h	17,700(3,100-20,100)	23,200(3,100-27,300)
	Heating (Min.-Max.)	kW	6.00(0.9-7.5)	8.00(0.9-9.1)
		Btu/h	20,500(3,100-25,600)	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		3.61	3.54
Running Current	Cooling/Heating	A	11.5-13.5	14.7-15.7
Moisture Removal		l/h	2.0	2.7
Sound Pressure Level (Cooling/Heating)	Indoor (High)		43/43	48/48
	Outdoor	dB(A)	50/50	53/54
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	780/780	980/980
	Outdoor		2,380/2,080	2,850/2,700
Net Dimensions H x W x D	Indoor	mm	199 x 990 x 655	199 x 990 x 655
		kg(lbs)	27 (60)	27 (60)
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.)			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		-15 to 24	-15 to 24
Refrigerant			R410A	R410A

Optional parts

Wired Remote Controller:	UTY-RNNYM UTY-RVNYM UTY-RSNYM UTY-TERX
Simple Remote Controller:	UTY-TERX
External Switch Controller:	UTY-TERX
Network Converter for single split (DC power supply type):	UTY-VTGX
Network Converter for single split (AC power supply type):	UTY-VTGXV
External Connect Kit:	UTY-XWZX
Wireless LAN Interface:	UTY-TFNXZ3

Dimensions

(Unit : mm)



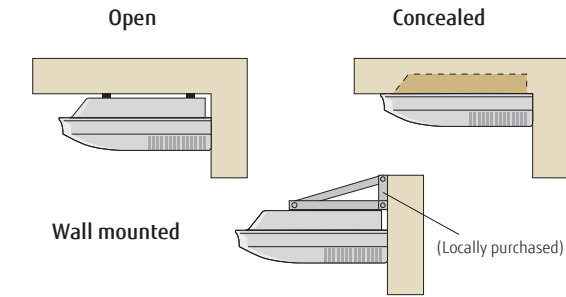
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

Ceiling



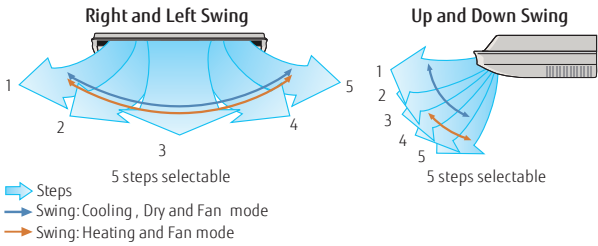
Flexible installation

Various installations are possible to match the room layout.

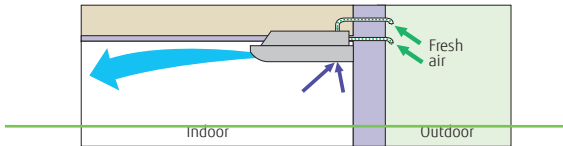


Multi auto swing

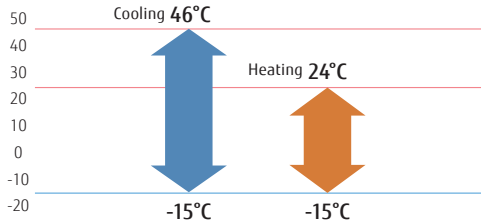
A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



Fresh air intake



Wide operation range



Model : ABAG30LRTA / ABAG36LRTA / ABAG45LRTA



Specifications

Model No.	Indoor unit		ABAG30LRTA	ABAG36LRTA	ABAG45LRTA
	Outdoor unit		AOAG30LBTA	AOAG36LBTA	AOAG45LBTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	8.50(2.8-10.0)	9.40(2.8-11.2)	12.10(4.0-13.3)
		Btu/h	29,000(9,500-34,100)	32,100(9,500-38,200)	41,300(13,700-45,400)
	Heating (Min.-Max.)	kW	10.00(2.7-11.2)	11.20(2.7-12.7)	13.30(4.2-15.5)
		Btu/h	34,100(9,200-38,200)	38,200(9,200-43,300)	45,400(14,300-52,900)
Input Power	Cooling/Heating	kW	2.54/2.77	2.93/3.02	3.77/3.68
EER	Cooling	W/W	3.35	3.21	3.21
COP	Heating		3.61	3.71	3.61
Running Current	Cooling/Heating	A	11.1/12.2	12.8/13.2	16.5/16.1
Moisture Removal		l/h	2.5	3.0	4.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		45/45	47/47	49/49
	Outdoor	dB(A)	53/55	54/55	55/55
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,660/1,660	1,900/1,900	2,100/2,100
	Outdoor		3,600/3,600	3,800/3,800	6,750/6,200
Net Dimensions H x W x D	Indoor	mm	240 × 1,660 × 700	240 × 1,660 × 700	240 × 1,660 × 700
		kg(lbs)	46.0(101)	46.0(101)	46.0(101)
Net Weight	Outdoor	mm	830 × 900 × 330	830 × 900 × 330	1,290 × 900 × 330
		kg(lbs)	61.0(134)	61.0(134)	86.0(190)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			22.0/25.6	22.0/25.6	22.0/25.6
Max. Pipe Length (Pre-Charge)		m	50(20)	50(20)	50(20)
Max. Height Difference			30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

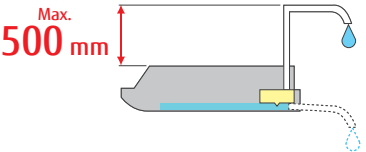
Optional parts

Wired Remote Controller: UTY-RNNYM
Simple Remote Controller (3-wire type): UTY-RSNNM
External Connect Kit: UTD-ECS5A
Drain Pump Unit: UTR-DPB24T
Wireless LAN Interface: UTY-TFNXZ3
External Connect Kit: UTY-XWZX
Flange (Round): UTD-RF204

(Outdoor unit 36/45)
External Connect Kit: UTY-XWZX23

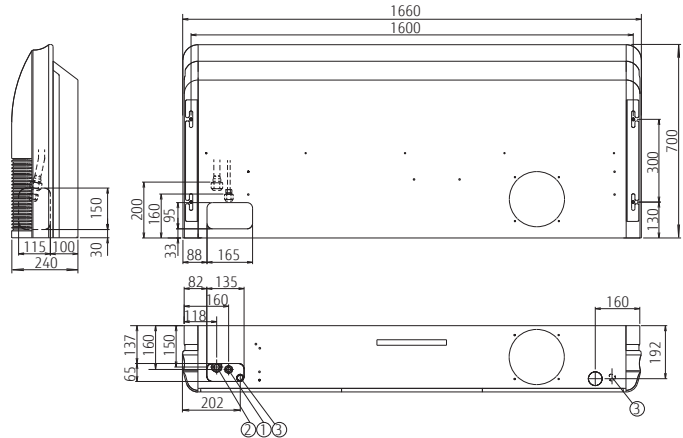
Condensate lift-up mechanism (Option)

Optional drain lift-up mechanism allows flexible installation.



Dimensions

(Unit : mm)



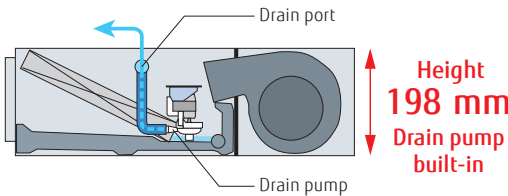
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

Slim Duct



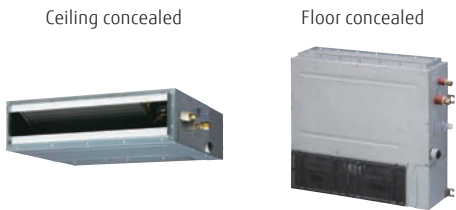
Slim design

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



Flexible installation

2-type installation methods of ceiling concealed and floor concealed can be selected.



Selectable with a wide range of static pressure

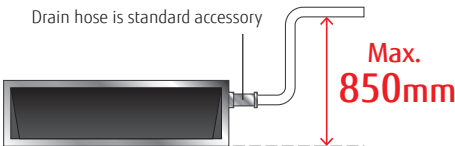
By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa.
The change of static pressure range is possible by remote controller.



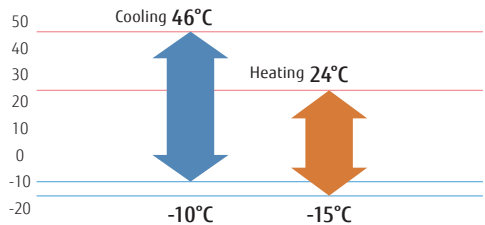
Static pressure range
0 to 90 Pa

Drain pump is standard accessory

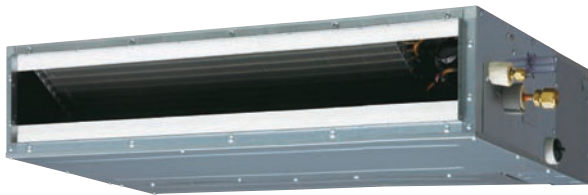
Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.



Wide operation range



Model :ARYG18LLTB



Wired R.C.



AOYG18LBCB

Specifications

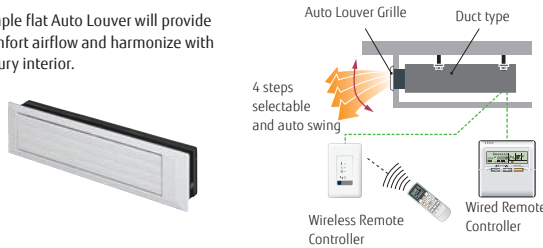
Model No.	Indoor unit	ARYG18LLTB	
	Outdoor unit	AOYG18LBCB	
Power Source		V/Ø/Hz	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.20
		Btu/h	17,700(3,100-20,100)
	Heating (Min.-Max.)	kW	6.00
		Btu/h	20,500(3,100-25,600)
Input Power	Cooling/Heating	kW	1.62/1.66
EER	Cooling	W/W	3.21
COP	Heating		3.61
Running Current	Cooling/Heating	A	7.2/7.4
Moisture Removal		l/h	2.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		32
	Outdoor	dB(A)	50/50
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	940/940
	Outdoor		2,380/2,080
Net Dimensions H x W x D	Indoor	mm	198 x 900 x 620
		kg(lbs)	23 (51)
Net Weight	Outdoor	mm	632 x 799 x 290
		kg(lbs)	36 (79)
Piping Connections (Small / Large)		mm	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)			25/32
Max. Pipe Length (Pre-Charge)		m	25 (15)
Max. Height Difference			15
Operation Range	Cooling	°CDB	-10 to 46
	Heating		-15 to 24
Refrigerant			R410A

Optional parts

Wired Remote Controller: UTY-RNNYM
Simple Remote Controller: UTY-RSNYM
Wireless LAN Interface: UTY-TFNXZ3
External Connect Kit: UTD-ECSSA
Auto Louver Grille Kit: UTD-GXSB-W
IR Receiver Unit: UTY-LRHYM
Remote Sensor Unit: UTY-XSZX

Auto Louver Grille Kit (Option)

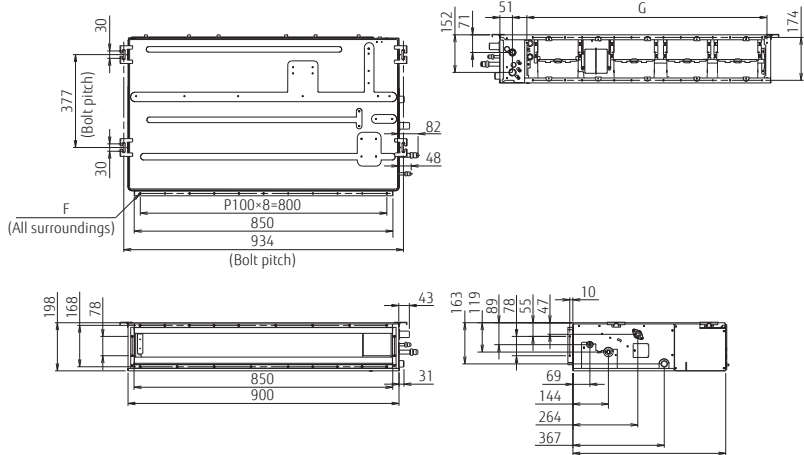
Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.



Dimensions

(Unit : mm)

* Service accessibility must be allowed for when installing the product.
Please consult the installation manual for the necessary service access size.

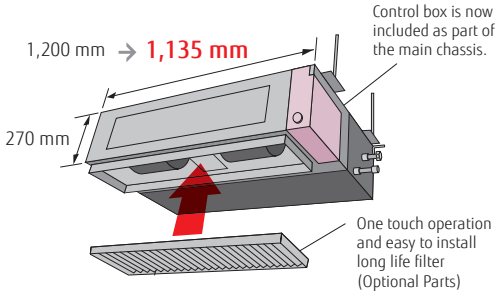


Medium Static Pressure Duct



Slim & Compact design

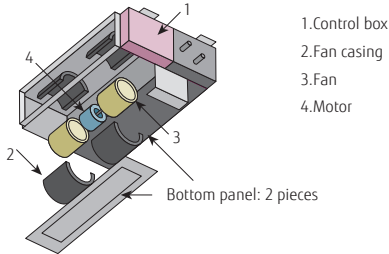
In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, further space savings have been achieved by mounting the control box internally inside the chassis.



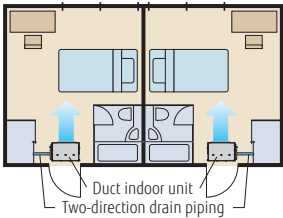
Easy maintenance

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.

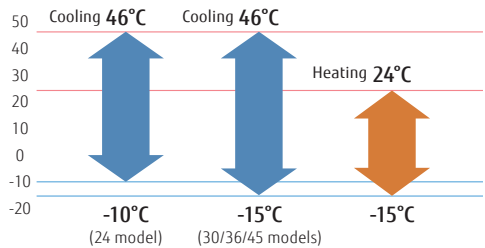
See below for the case of rear suction type



Two-direction drain piping



Wide operation range



Model : ARYG24LMLA / ARAG30LMLA / ARAG36LMLA / ARAG45LMLA



Specifications

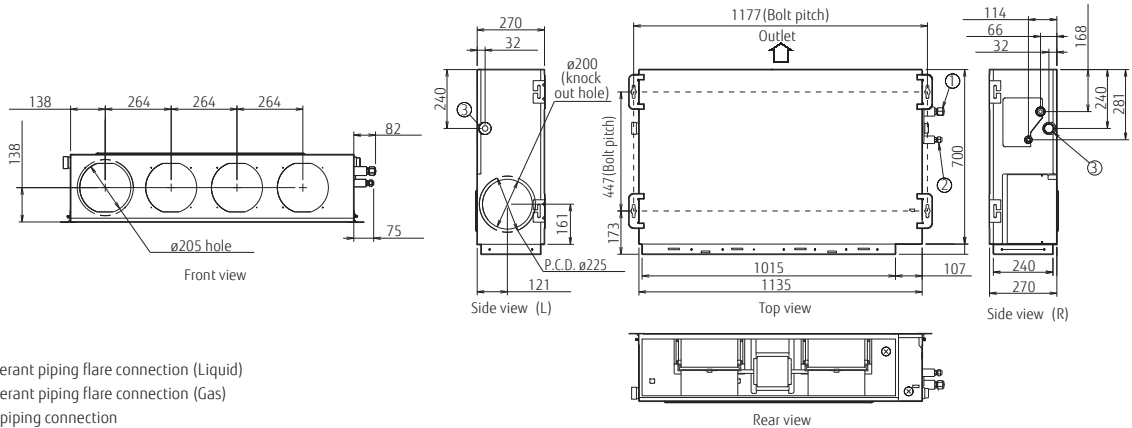
Model No.	Indoor unit		ARYG24LMLA	ARAG30LMLA	ARAG36LMLA	ARAG45LMLA
	Outdoor unit		AOYG24LBCB	AOAG30LBTA	AOAG36LBTA	AOAG45LBTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	6.80(0.9-8.0)	8.50(2.8-10.0)	9.40(2.8-11.2)	12.10(4.0-13.3)
		Btu/h	23,200(3,100-27,300)	29,000(9,500-34,100)	32,100(9,500-38,200)	41,300(13,700-45,400)
	Heating (Min.-Max.)	kW	8.00(0.9-9.1)	10.00(2.7-11.2)	11.20(2.7-12.7)	13.30(4.2-15.5)
		Btu/h	27,300(3,100-31,000)	34,100(9,200-38,200)	38,200(9,200-43,300)	45,400(14,300-52,900)
Input Power	Cooling/Heating	kW	2.21/2.26	2.65/2.68	2.96/3.10	3.77/3.68
EER	Cooling	W/W	3.08	3.21	3.18	3.21
COP	Heating		3.54	3.73	3.61	3.61
Running Current	Cooling/Heating	A	14.7/15.7	11.6/11.7	13.0/13.6	16.5/16.1
Moisture Removal		l/h	2.5	2.5	3.0	4.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		31/31	39/42	39/42	42/42
	Outdoor	dB(A)	53/54	53/55	54/55	55/55
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		2,850/2,700	3,600/3,600	3,800/3,800	6,750/6,200
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
		kg(lbs)	38.0 (84)	37.0(82)	37.0(82)	39.0(86)
Net Weight	Outdoor	mm	716 x 820 x 315	830 x 900 x 330	830 x 900 x 330	1,290 x 900 x 330
		kg(lbs)	42 (93)	61.0(134)	61.0(134)	86.0(190)
Piping Connections (Small / Large)		mm	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1
Max. Pipe Length (Pre-Charge)		m	30 (15)	50(20)	50(20)	50(20)
Max. Height Difference			20	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM (24)	IR Receiver Unit:	UTY-LRHYM
Simple Remote Controller (3-wire type):	UTY-RSNYM	Network Converter for single split (DC power supply type):	UTY-VTGX (24)
Remote Sensor Unit:	UTY-XSZX	Network Converter for single split (AC power supply type):	UTY-VTGXV (24)
Drain Pump Unit:	UTZ-PX1NBA		
External Switch Controller:	UTY-TERX (24)		
Wireless LAN Interface:	UTY-TFNXZ3	(Outdoor unit 36/45)	
External Connect Kit:	UTD-ECSSA	External Connect Kit:	UTY-XWZXZ3
Long-Life Filter:	UTD-LF25NA		
Flange (Round):	UTD-RF204		
Flange (Square):	UTD-SF045T		

Dimensions

(Unit : mm)



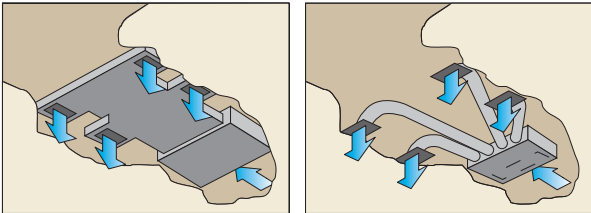
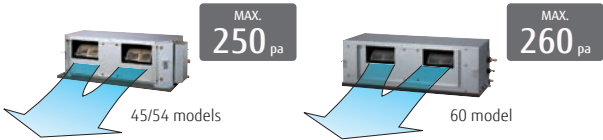
High Static Pressure Duct



High energy efficiency

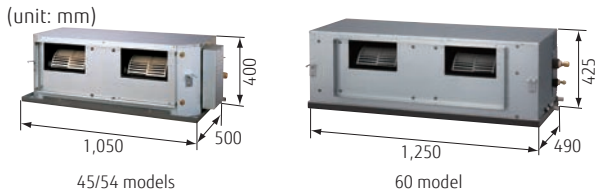
Significantly greater efficiency is realized by using all DC inverter technology. (60 model)

Design also corresponding to high static pressure



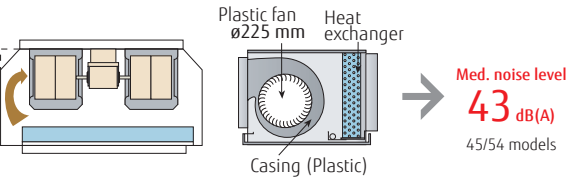
Easy installation (Compact size & Lightweight)

A compact size and lightweight indoor unit has been developed by reducing the basic chassis and the overall material weight.

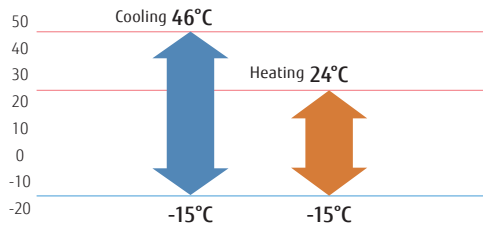


Low noise

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 : ARYG45LHTA / ARYG54LHTA / ARYG45LHTA [3 phase] / ARYG54LHTA [3 phase] / ARYG60LHTA [3 phase]



ARYG45/54LHTA



ARYG60LHTA



Wired R.C.



AOYG45/54LETL
AOYG45/54/60LATT

Specifications

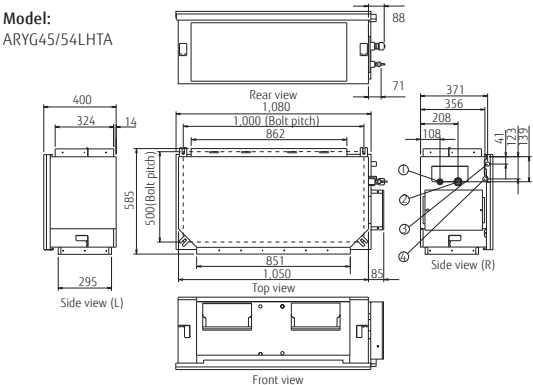
Model No.	Indoor unit		ARYG45LHTA	ARYG54LHTA	ARYG45LHTA	ARYG54LHTA	ARYG60LHTA
	Outdoor unit		AOYG45LETL	AOYG54LETL	AOYG45LATT	AOYG54LATT	AOYG60LATT
Power Source		V/Ø/Hz	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	12.5(5.0-14.0)	13.4(5.0-15.0)	12.5(5.0-14.0)	14.0(5.0-16.0)	15.0(6.0-18.0)
		Btu/h	42,700(15,400-47,800)	45,700(17,100-49,500)	42,700(17,100-47,800)	47,800(18,400-54,600)	51,200(21,200-60,000)
	Heating (Min.-Max.)	kW	14.0(5.0-16.0)	16.0(6.0-18.0)	14.0(5.0-16.0)	16.0(6.0-18.0)	18.0(6.0-20.0)
		Btu/h	47,800(17,100-55,300)	54,600(18,800-61,500)	47,800(18,400-55,300)	54,600(19,800-61,500)	61,500(21,200-68,300)
Input Power	Cooling/Heating	kW	4.30/3.80	4.77/4.69	4.06/3.67	4.65/4.37	4.70/5.15
EER	Cooling	W/W	2.91	2.81	3.08	3.01	3.19
COP	Heating		3.68	3.41	3.81	3.66	3.50
Running Current	Cooling/Heating	A	19/17	21/21	6/6	7/7	7/8
Moisture Removal		l/h	1.5	2.0	1.5	2.5	2.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		47/47	47/47	47/47	47/47	45/45
	Outdoor	dB(A)	55/55	55/57	54/54	55/56	56/58
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	3,350/3,350	3,350/3,350	3,350/3,350	3,350/3,350	3,350/3,350
	Outdoor		6,750/6,200	6,750/6,850	6,750/6,200	6,900/6,900	6,900/7,300
Net Dimensions H x W x D	Indoor	mm	400 x 1,050 x 500	400 x 1,050 x 500	400 x 1,050 x 500	400 x 1,050 x 500	425 x 1,250 x 490
		kg(lbs)	46 (101)	46 (101)	46(101)	46(101)	54(119)
Net Weight	Outdoor	mm	1,290 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330
		kg(lbs)	86 (189)	86 (189)	104(229)	104(229)	104(229)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)		m	50 (20)	50 (20)	75(30)	75(30)	75(30)
Max. Height Difference			30	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A	R410A

Optional parts

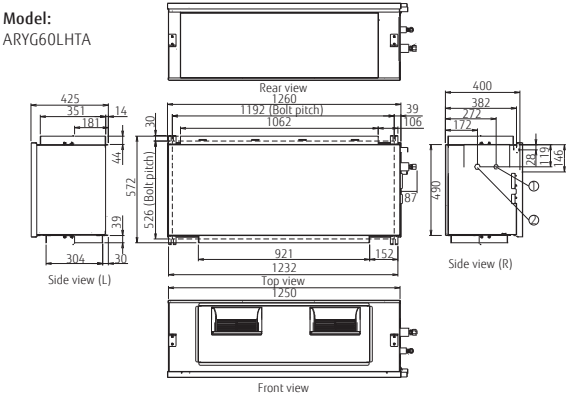
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
External Switch Controller: UTY-TERX
Remote Sensor Unit: UTY-XS2X
Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
External Connect Kit: UTD-ECS5A
IR Receiver Unit: UTY-LRHYM (60)
Long-Life Filter: UTD-LF60KA (45/54)
WLAN adapter: UTY-TFNX23

Dimensions

(Unit : mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection (Safety drain pan)
- ④ Drain piping connection(Main drain pan)



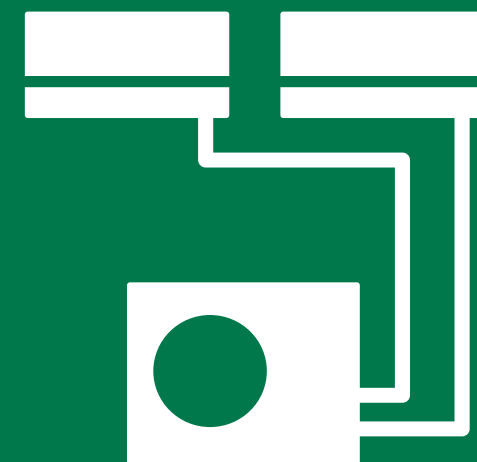
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)

Feature Summary

Country		for Singapore					for Vietnam											
Type		Wall Mounted			Cassette		Wall Mounted		Wall Mounted		Compact Cassette	Circular Flow Cassette	Cassette	Floor/Ceiling Universal	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct
Air Conditioning Type		Heating & Cooling	Cooling only		Heating & Cooling		Cooling only	Heating & Cooling	Heating & Cooling		Heating & Cooling							
																		
Model No.		ASVG 09/12/14 LUCA	ASAG 18/24JFCB	ASAG30JFTB	AUAG 24LRLA-A AUAG 36LRLC-A	AUAG 36/45LRLD-A	ASAG 09/12/18/24 CPTA-V	ASAG 09LLTB-V ASAG 12LLTA-V	ASVG 09/12LLCE	ASVG18LFCA ASVG24LFCC ASVG30LFCA	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30/36/45/54 LRLB	AUAG 30/36/45/54 LRLA	ABYG18LVTB ABYG24LVTB	ABAG 30/36/45 LRTA	ARYG18LLTB	ARYG 24LMLA ARAG 30/36/45 LMLA	ARYG 45/54/60 LHTA
																		
Energy Saving Function	 Save human sensor																	
	 Economy mode																	
	 Room temperature set point limitation																	
	 Set temperature auto return																	
Comfortable Function	 Power diffuser																	
	 Powerful mode																	
	 10°C HEAT operation																	 (60)
	 Low noise mode						 (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																	
	 Connectable distributing duct																	
	 Individual airflow direction control																	
Convenient Function	 Auto off timer																	
	 Sleep timer																	 (60)
	 Program timer																	 (60)
	 Weekly timer																	
	 Weekly + setback timer																	
	 Filter sign																	
	 Wireless LAN control																	
Clean Function	 Ion deodorization filter																	
	 Apple-catechin filter																	
	 Long life filter																	 (45/54)
	 Washable panel																	
	 PM2.5 Filter																	
Installation	 Silver ion filter II																	
	 Drain pump as standard																	
										(30)		(30/36/45/54)					(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-008 **5Ticks 3-unit, 4-unit Multi-split**

For Singapore

M-010 **2-Unit, 3-Unit, 4-Unit, 5-Unit Multi-Split**

M-014 **2-Unit, 3-Unit, 4-Unit Multi-Split**

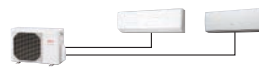
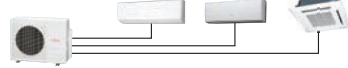
M-016 **5-Unit, 6-Unit Multi-Split**

M-018 **Indoor Units Specifications**

M-024 **Multi-Split Combination Table**

M-052 **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	5 Ticks 3-unit, 4-unit Multi-split	3-unit Multi-split Up to 3 units	 				AOAG28JBTA3						
		4-unit Multi-split Up to 4 units	 					AOAG28JBTA4					
2-unit, 3-unit, 4-unit Multi-split	2-unit Multi-split Up to 2 units	 		AOYG14KBTA2									
					AOYG18KBTA2								
		 			AOAG18LAC2								
	3-unit Multi-split Up to 3 units	 					AOYG18KBTA3		AOYG24KBTA3				
		 					AOAG20LBTA3	AOAG24LAT3					
	4-unit Multi-split Up to 4 units	 								AOYG30KBTA4			
 									AOAG30LAT4				
5-unit, 6-unit, Multi-split	5-unit Multi-split Up to 5 units	 								AOYG36KBTA5			
		 									AOYG36LBA5		
	6-unit Multi-split Up to 6 units	 											AOYG45LBA6

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.
AOAG20LBTA3/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.

5. 6-unit Multi-split :
Connectable indoor units are 2 to 6 units
AOYG45LBA6 Total capacity of indoor units connected must be between 9.5 kW and 18.0 kW.

Connectable Indoor Units



NEW 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	5.0	5.4	6.8	8.0	9.5
	Heating	4.4	5.6	6.8	8.0	9.6	10.6

Indoor Unit	BTU	kW Class						
 ASYG07/09/12/14KMCE	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	—	—	—	—	●	●
 AUXG07/09/12/14/18/22KVLA	7,000	2.0	●	●	●	●	●	●
	9,000	2.5	●	●	●	●	●	●
	12,000	3.5	●	●	●	●	●	●
	14,000	4.0	—	●	●	●	●	●
	18,000	5.0	—	—	—	●	●	●
	22,000	6.0	—	—	—	—	●	●
 ARXG07/09/12/14/18KSLAP	7,000	2.0	●	●	●	●	●	●
	9,000	2.5	●	●	●	●	●	●
	12,000	3.5	●	●	●	●	●	●
	14,000	4.0	—	●	●	●	●	●
	18,000	5.0	—	—	—	●	●	●
 ARXG07/09/12/14/18KLLAP	7,000	2.0	●	●	●	●	●	●
	9,000	2.5	●	●	●	●	●	●
	12,000	3.5	●	●	●	●	●	●
	14,000	4.0	—	●	●	●	●	●
	18,000	5.0	—	—	—	●	●	●
 ARXG22KMLB	22,000	6.0	—	—	—	—	●	●
 AGYG09/12/14KVCA	9,000	2.5	●	●	●	●	●	●
	12,000	3.5	●	●	●	●	●	●
	14,000	4.0	—	●	●	●	●	●
 ABYG18/22KRTA	18,000	5.0	—	—	—	●	●	●
	22,000	6.0	—	—	—	—	●	●

2-unit to 6-unit Connectable Indoor Units

Country		 for Singapore		Common models			
Type		3-unit	4-unit	2-unit	3-unit		4-unit
Model name		AOAG28JBTA3	AOAG28JBTA4	AOAG18LAC2	AOAG 20LBTA3	AOAG 24LAT3	AOAG30LAT4
Multi-split Type Outdoor Unit		5 Ticks 	5 Ticks 				
Capacity (kW)	Cooling	5.3	5.7	5.0	5.2	6.8	8.0
	Heating	-	-	5.6	7.8	8.0	9.6

Indoor Unit	BTU	kW Class					
 ASAG09/12JGTA	9,000	2.5	●	—	—	—	—
	12,000	3.5	●	●	—	—	—
 ASAG09JGTB	9,000	2.5	—	●	—	—	—
 ASAG18JFCC	18,000	5.0	●	●	—	—	—
 ASAG09/12LMCA	9,000	2.5	—	—	●	●	●
	12,000	3.5	—	—	●	●	●
 ASYG07/09/12LUCA	7,000	2.0	—	—	●	●	●
	9,000	2.5	—	—	●	●	●
	12,000	3.5	—	—	●	●	●
 ASAG18/24LFCA	18,000	5.0	—	—	—	●	●
	24,000	7.0	—	—	—	—	●
 AUAG09/12/14/18LVLA	9,000	2.5	—	—	●	●	●
	12,000	3.5	—	—	●	●	●
	14,000	4.0	—	—	—	●	●
	18,000	5.0	—	—	—	●	●
 ARAG09/12/14LLLA  ARAG18LLLA  ARAG24LLLA	9,000	2.5	—	—	●	●	●
	12,000	3.5	—	—	●	●	●
	14,000	4.0	—	—	—	●	●
	18,000	5.0	—	—	—	●	●
	24,000	7.0	—	—	—	—	●

Country		Common models	
Type		5-unit	6-unit
Model name		AOYG36LBLA5	AOYG45LBLA6
Multi-split Type Outdoor Unit			
Capacity (kW)	Cooling	10.0	12.5
	Heating	12.0	13.5

Indoor Unit	BTU	kW Class		
 ASYG07/09/12/14LUCA	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
 ASYG07/09/12/14LMCE	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
 ASYG18LFCA, ASYG24LFCC	18,000	5.0	●	●
	24,000	7.0	●	●
 AGYG09/12/14LVCA	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
 ABYG14LVTA, ABYG18LVTB	14,000	4.0	●	●
	18,000	5.0	●	●
 AUYG07/09LVLA, AUYG12/14/18LVLB	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●
 ARYG07/09LLTA, ARYG12/14LLTB  ARYG18LLTB	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
 ARYG18LSLAP  ARYG07/09/12/14LSLAP  ARYG18LSLAP	18,000	5.0	●	●
	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●



ALL DC 5 Ticks

New, highly energy-saving air conditioner suitable for the residential use

Equipped with large capacity DC compressor, the compact air conditioner realizes Tick 5 energy saving performance.



AOAG28JBTA3



AOAG28JBTA4

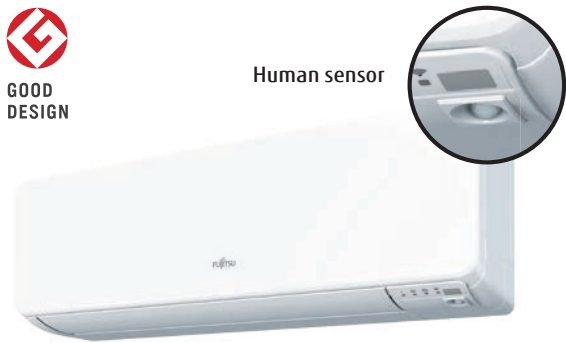
New indoor unit line up

A new wall mounted model has been added to the lineup. The new model is a slim and stylish square design that harmonize with the interior.



Human 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 previous operating mode.

*:09/12 models only



Compact outdoor unit

The outdoor unit measures 700mm tall, so it does not spoil the view. It also supports installation on HDB*

*:Housing Development Board



Smart Device Control (Option)

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC.



3-unit: AOAG28JBTA3
4-unit: AOAG28JBTA4

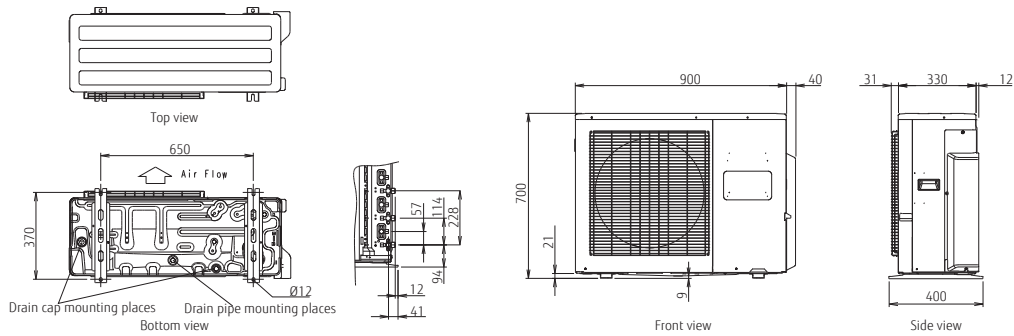


Specifications (3-unit, 4-unit)

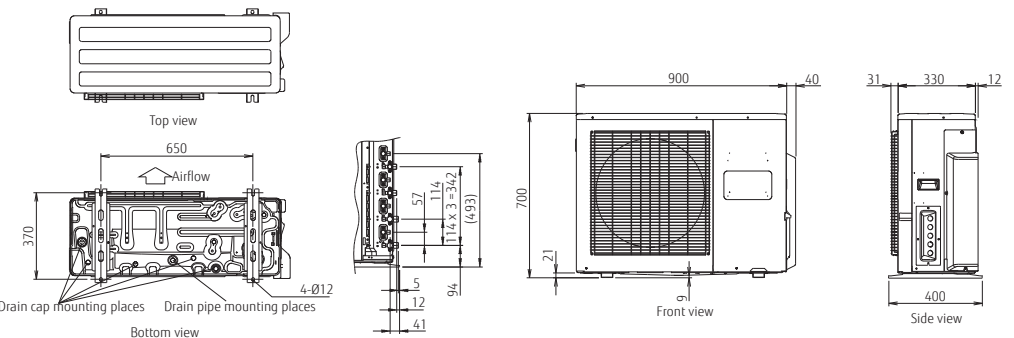
Model No.			AOAG28JBTA3	AOAG28JBTA4
Power Source		V/Ø/Hz	230/1/50	230/1/50
Rated Capacity (Min.-Max.)	Cooling	kW	5.30(1.8-8.5)	5.70(1.8-8.5)
	Heating		-	-
Sound Pressure Level	Cooling	dB(A)	49	50
	Heating		-	-
Net Dimensions H × W × D		mm	700 × 900 × 330	700 × 900 × 330
Weight		kg(lbs)	54(119)	54(119)
Connection Pipe Diameter	Liquid	mm	Ø6.35	Ø6.35
	Gas		Ø9.52	Ø9.52
Max. Pipe Length		Total / Each	50/25	50/25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15
	Between Indoor Units.		10	10
Operation Range	Cooling	°CDB	10 to 46	10 to 46
	Heating		-	-
Refrigerant			R410A	R410A

Dimensions

(Unit : mm)



3-unit:
AOAG28JBTA3



4-unit:
AOAG28JBTA4

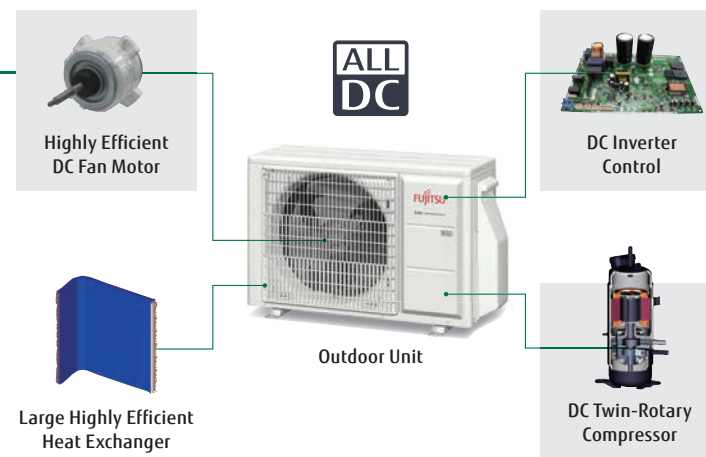
NEW

2-unit,
3-unit,
4-unit,
5-unit,
Multi-split

ALL
DC

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.



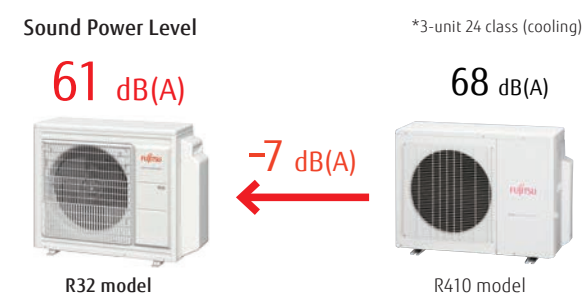
R32 refrigerant model

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

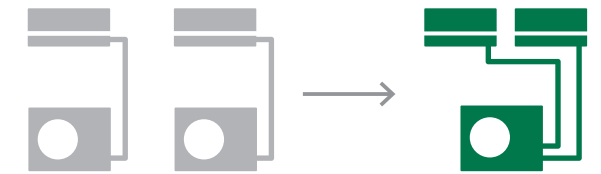
Quiet operation

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.

R410A model

R32 model



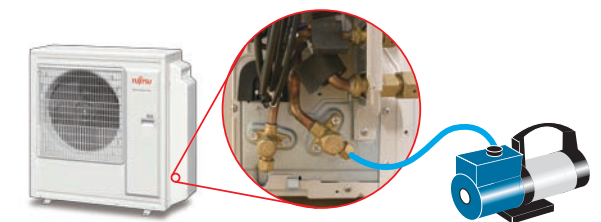
Depth difference
-15.5 % !*

Space requirement
-36.2 % !*

*: Compared with current 5-unit multi models

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

Designer Series



High Spec & Design
07/09/12/14 kBTU

Standard Series



High Efficiency & Comfort
07/09/12/14 kBTU



High Efficiency & Large Rooms
18/22/24 kBTU

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



Mini Duct
07/09/12/14/18 kBTU



Slim Duct
07/09/12/14/18 kBTU



Medium static pressure duct
22 kBTU



Compact Cassette
07/09/12/14/18/22 kBTU



Floor
09/12/14/ kBTU



Ceiling
18/22 kBTU

2-unit: **NEW** AOYG14KBT A2 / **NEW** AOYG18KBT A2
3-unit: **NEW** AOYG18KBT A3 / **NEW** AOYG24KBT A3
4-unit: **NEW** AOYG30KBT A4
5-unit: **NEW** AOYG36KBT A5



Specifications (2-unit)

Model name			AOYG14KBT A2	AOYG18KBT A2
Power Source			Single phase, ~230 V, 50 Hz	
Rated Capacity (Min. - Max.)	Cooling	kW	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	dB(A)	47	47
	Heating		49	50
Sound Power Level (High)	Cooling		60	60
	Heating		62	62
Airflow Rate	Cooling/Heating	m ³ /h	1,670/1,670	1,960/2,020
Net Dimensions H × W × D		mm	542 × 799 × 290	632 × 799 × 290
Weight		kg (lbs)	33 (73)	37 (82)
Connection Pipe Diameter	Liquid	mm	6.35 × 2	6.35 × 2
	Gas		9.52 × 2	9.52 × 2
Max. Pipe Length		Total/Each	30/20	30/20
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	m	15	15
	Between Indoor Units		10	10
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)
	Charge		0.9 (0.608)	1.02 (0.689)

Specifications (3-unit)

Model name			AOYG18KBT A3	AOYG24KBT A3
Power Source			Single phase, ~230 V, 50 Hz	
Rated Capacity (Min. - Max.)	Cooling	kW	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	dB(A)	46	48
	Heating		49	53
Sound Power Level (High)	Cooling		59	61
	Heating		61	67
Airflow Rate	Cooling/Heating	m ³ /h	2,220/2,160	2,270/2,730
Net Dimensions H × W × D		mm	716 × 820 × 315	716 × 820 × 315
Weight		kg (lbs)	46 (102)	46 (102)
Connection Pipe Diameter	Liquid	mm	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		Total/Each	50/25	50/25
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	m	15	15
	Between Indoor Units		10	10
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)
	Charge		1.8 (1.215)	1.8 (1.215)

Specifications (4-unit, 5-unit)

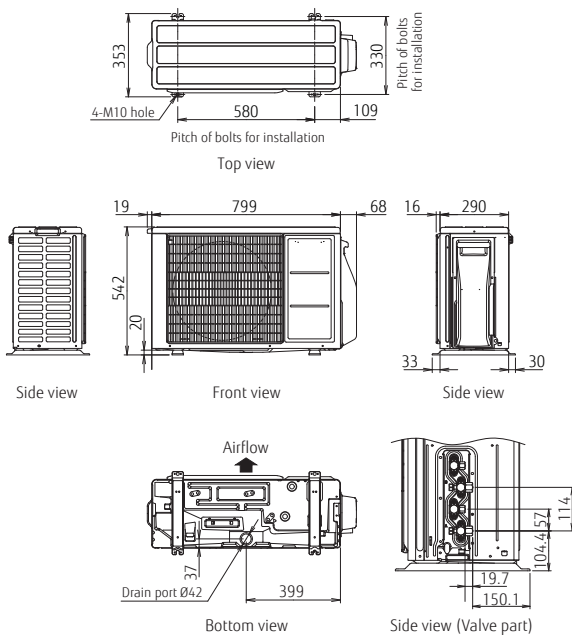
Model name			AOYG30KBT A4	AOYG36KBT A5
Power Source			Single phase, ~230 V, 50 Hz	
Rated Capacity (Min. - Max.)	Cooling	kW	8.0 (2.4-10.1)	9.5 (3.0-11.0)
	Heating		9.6 (3.0-11.2)	10.6 (3.5-12.0)
Sound Pressure Level (High)	Cooling	dB(A)	50	52
	Heating		54	55
Sound Power Level (High)	Cooling		63	65
	Heating		66	68
Airflow Rate	Cooling/Heating	m ³ /h	2,400/2,950	2,450/2,900
Net Dimensions H × W × D		mm	884 × 820 × 315	884 × 820 × 315
Weight		kg (lbs)	55 (121)	59 (130)
Connection Pipe Diameter	Liquid	mm	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*		Total/Each	70/25	75/25
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	m	15	15
	Between Indoor Units		10	10
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	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.

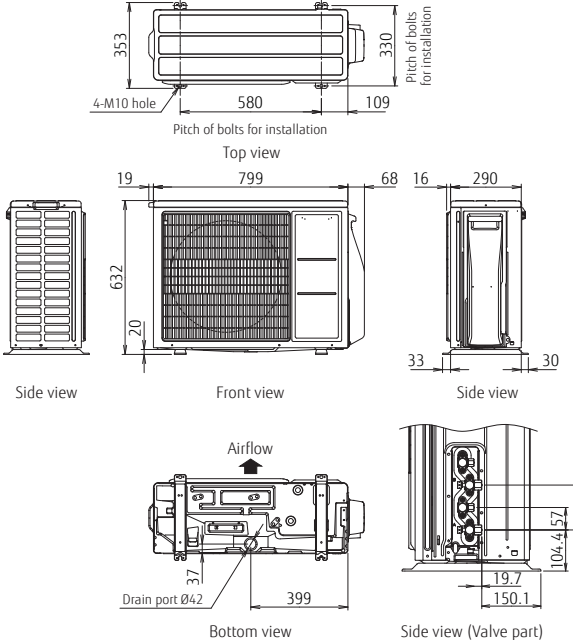
Dimensions

(Unit: mm)

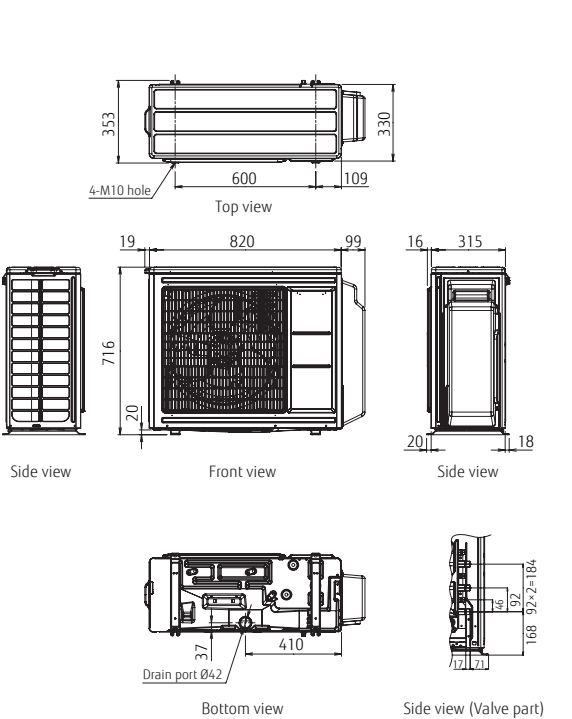
2-unit: AOYG14KBT A2



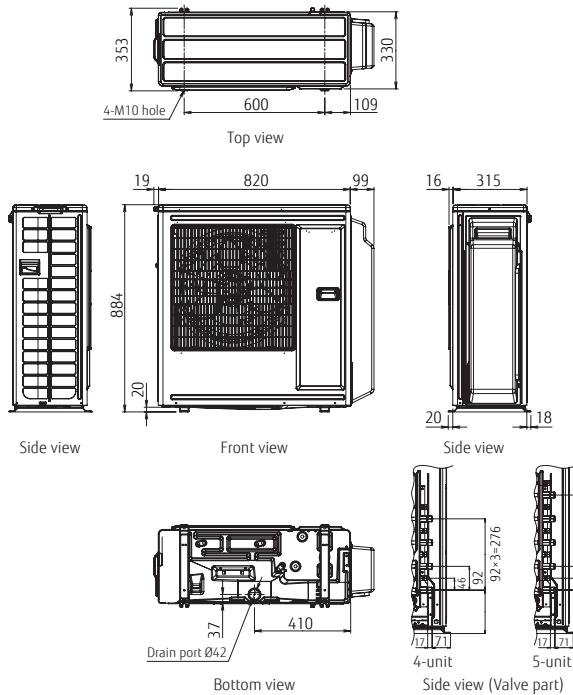
2-unit: AOYG18KBT A2



3-unit: AOYG18KBT A3/AOYG24KBT A3



4-unit: AOYG30KBT A4
5-unit: AOYG36KBT A5

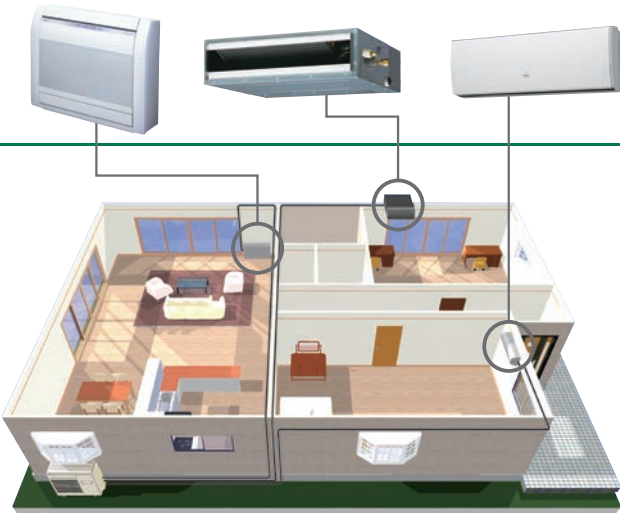


2-unit,
3-unit,
4-unit
Multi-split



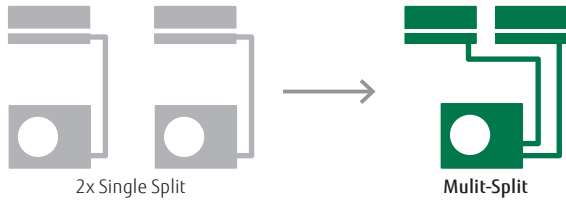
Wide range of indoor units with various models

3 types / 17 models are lined up in the capacity range from 2.0 kW to 4.0 kW class. Wide range of requirements can be realized from in private homes, large shops and hotels.



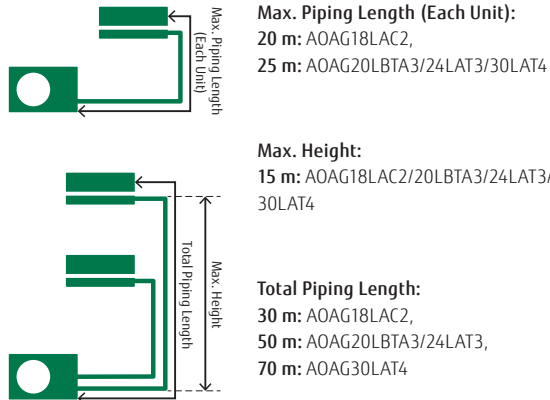
Space-saving installation

Multiple indoor units can be connected to 1 outdoor unit, and long piping connection is also possible. Compared with single type, the outdoor unit can be installed in various places to realize the space-saving installation.



Flexible installation

Up to max. piping length of 70 m (AOAG30LAT4), max. height difference of 15 m can be supported. Multi-split type can be installed in large-size residence or buildings with multiple floors.



2-unit: AOAG18LAC2
3-unit: AOAG20LBTA3 / AOAG24LAT3
4-unit: AOAG30LAT4



Specifications (2-unit, 3-unit, 4-unit)

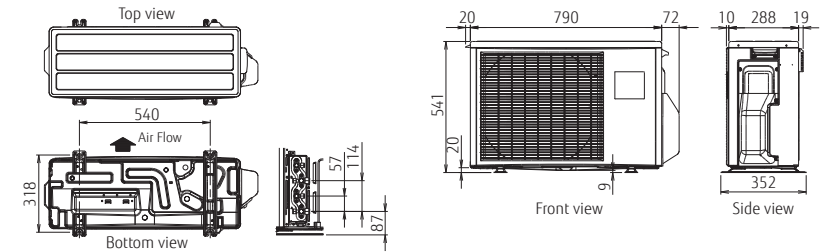
Model No.			AOAG18LAC2	AOAG20LBTA3	AOAG24LAT3	AOAG30LAT4
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Rated Capacity (Min.-Max.)	Cooling	kW	5.0(1.7~5.6)	5.7(1.8~8.5)	6.8(1.8~8.5)	8.0(3.5~10.1)
	Heating		5.6(1.8~6.1)	7.8(2.0~9.2)	8.0(2.0~9.2)	9.6(3.7~12.0)
Sound Pressure Level	Cooling	dB(A)	51	49	50	50
	Heating		51	51	51	51
Net Dimensions H × W × D		mm	540 × 790 × 290	700 × 900 × 330	700 × 900 × 330	830 × 900 × 330
Weight		kg(lbs)	38(83.8)	55(121.3)	55(121.3)	68(150)
Connection Pipe Diameter	Liquid	mm	Ø6.35 × 2	Ø6.35 × 3	Ø6.35 × 3	Ø6.35 × 4 (*Ø6.35x3, Ø9.52)
	Gas		Ø9.52 × 2	Ø9.52 × 2, Ø12.70	Ø9.52 × 2, Ø12.70	Ø9.52 × 2, Ø12.70 × 2
Max. Pipe Length		Total / Each	30 / 20	50 / 25	50 / 25	70 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	15	15
	Between Indoor Units.		10	10	10	10
Operation Range	Cooling	°CDB	10 to 46	10 to 46	10 to 46	10 to 46
	Heating		-10 to 24	-10 to 24	-10 to 24	-10 to 24
Refrigerant			R410A	R410A	R410A	R410A

Note: Specifications are based on the following conditions.
• Cooling: Indoor temperature of 27°CDB/19°CWB. and outdoor temperature of 35°CDB/24°CWB.
• Heating: Indoor temperature of 20°CDB/15°CWB. and outdoor temperature of 7°CDB/6°CWB.
• Pipe length: 5m, Height difference: 0m. (Outdoor unit - indoor unit)
*:Connect to connection valve by the adapter.

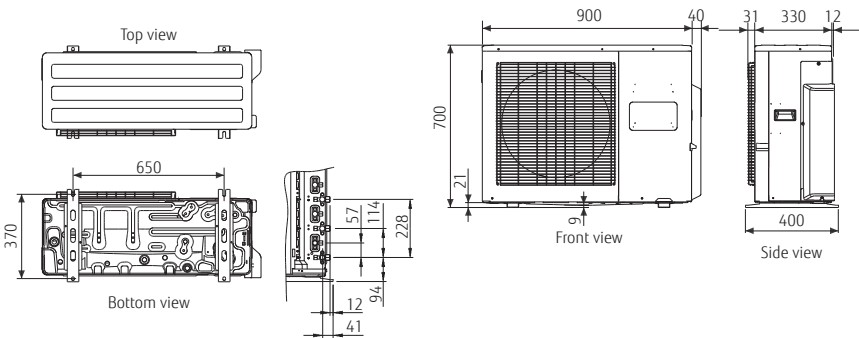
Dimensions

(Unit : mm)

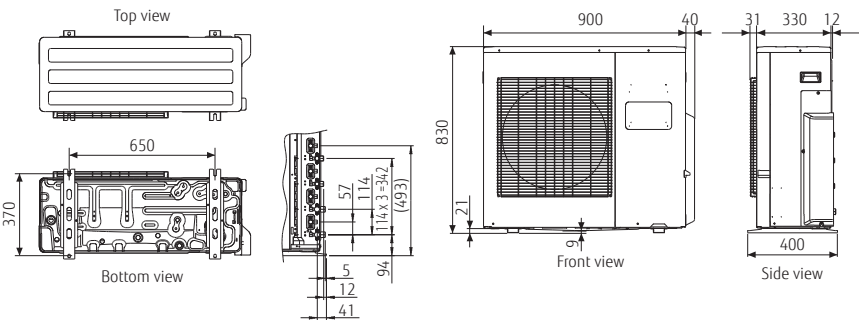
2-unit:
AOAG18LAC2



3-unit:
AOAG20LBTA3 / AOAG24LAT3



4-unit:
AOAG30LAT4



5-unit,
6-unit
Multi-split



5-unit: AOYG36LBLA5
6-unit: AOYG45LBLA6

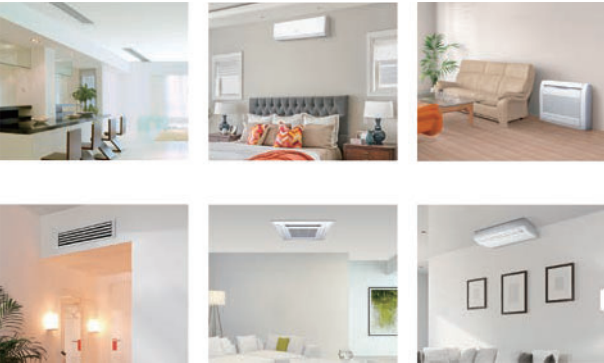


Specifications (5-unit, 6-unit)

Model No.			AOYG36LBLA5		AOYG45LBLA6	
Power Source		V/Ø/Hz	230/1/50		230/1/50	
Rated Capacity (Min.-Max.)	Cooling	kW	10.0 (3.5-12.5)		12.5 (3.5-14.0)	
	Heating		12.0 (3.5-14.0)		13.5 (3.5-16.0)	
Sound Pressure Level	Cooling	dB(A)	53		53	
	Heating		55		55	
Net Dimensions H × W × D		mm	998 × 970 × 370		998 × 970 × 370	
Weight		kg(lbs)	94 (207)		94 (207)	
Connection Pipe Diameter	Liquid	mm	Ø6.35 × 5		Ø6.35 × 6	
	Gas		Ø9.52 × 3, Ø12.70 × 2		Ø9.52 × 4, Ø12.70 × 2	
Max. Pipe Length		Total / Each	80 / 25		80 / 25	
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15		15	
	Between Indoor Units.		10		10	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant			R410A		R410A	

Wide range of indoor units with various models

5 types / 30 models are lined up in the capacity range from 2.0 kW to 7.0 kW class. Wide range of requirements can be realized from in private homes, large shops and hotels.



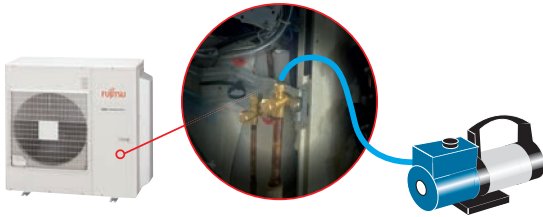
Compact design

Multiple indoor units can be connected to 1 outdoor unit, and long piping connection is also possible. Compared with single type, the outdoor unit can be installed in various places to realize the space-saving installation.



Easy installation

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



Central & Individual Control

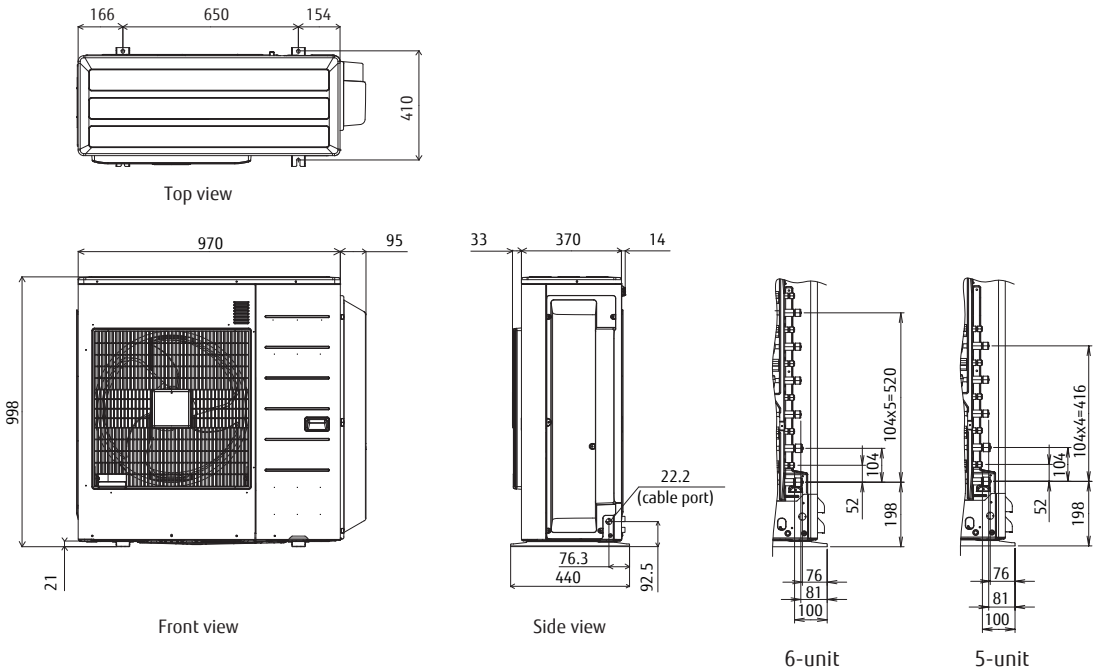
- Batched control of up to 6 indoor units. The temperature, airflow volume, and remote control prohibition settings of all indoor units can be batched.
- Corresponds to 9 different languages (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)
- Large backlight LED screen
- Large easy-to-see operation panel

Maximum Controllable
1 multi-split system
Maximum Controllable
6 indoor units



Dimensions

(Unit : mm)



NEW

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

Wall-mounted type



Model name		Indoor unit		ASYG07KGTE		ASYG09KGTE		ASYG12KGTE		ASYG14KGTE			
kW Class				kW		2.0		2.5		3.5		4.0	
Power Source						Single phase, ~230 V, 50 Hz							
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	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	dB(A)	54		55		56		57			
	Heating			56		57		58		59			
Airflow Rate	Cooling	H/M/L/Q	m³/h	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			
Weight				kg (lbs)		10 (22)		10 (22)		10 (22)			
Connection Pipe Diameter		Liquid/Gas		mm		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	dB(A)	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	dB(A)	54		55		55		57	
	Heating			56		57		58		59	
Airflow Rate	Cooling	H/M/L/Q	m³/h	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	dB(A)	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	dB(A)	60	62	65
	Heating			61	62	65
Airflow Rate	Cooling	H/M/L/Q	m³/h	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
Weight			kg (lbs)	12.5 (27)		12.5 (27)
Connection Pipe Diameter		Liquid/Gas	mm	6.35/12.70		6.35/12.70

Floor



Model name	Indoor unit			AGYG09KVCA	AGYG12KVCA	AGYG14KVCA
kW Class				2.5	3.5	4.0
Power Source				Single phase, ~230 V, 50 Hz		
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	39/34/28/22	42/36/30/22	44/38/31/22
	Heating			39/35/30/22	42/38/32/22	44/39/33/22
Sound Power Level	Cooling	H	dB(A)	52	55	56
	Heating			52	55	56
Airflow Rate	Cooling	H/M/L/Q	m³/h	530/440/360/270	600/490/380/270	650/520/400/270
	Heating			530/460/380/270	600/510/410/270	650/540/430/270
Net Dimensions				mm	600 × 740 × 200	600 × 740 × 200
Weight				kg (lbs)	14 (31)	14 (31)
Connection Pipe Diameter				Liquid/Gas	6.35/9.52	6.35/9.52

Ceiling



Model name		Indoor unit		ABYG18KRTA		ABYG22KRTA			
kW Class			kW		5.0		6.0		
Power Source					Single phase, ~230 V, 50 Hz				
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	38/36/33/31		42/37/34/31			
	Heating			38/36/33/31		42/37/34/31			
Sound Power Level	Cooling	H	dB(A)	53		57			
	Heating			53		57			
Airflow Rate	Cooling	H/M/L/Q	m³/h	840/790/710/650		900/790/710/650			
	Heating			840/790/710/650		900/790/710/650			
Net Dimensions			mm		235 × 1,080 × 705		235 × 1,080 × 705		
Weight			kg (lbs)		24(52)		24(52)		
Connection Pipe Diameter		Liquid/Gas		mm		6.35/12.70		6.35/12.70	

Compact Cassette Grid Type



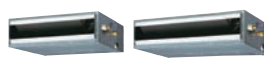
Model name	Indoor unit			AUXG07KVLA	AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	
kW Class				kW	2.0	2.5	3.5	4.0	5.0	6.0
Power Source					Single phase, ~230 V, 50 Hz					
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	33/31/29/27	33/31/29/27	37/34/31/28	38/35/32/29	38/35/32/29	44/42/36/30	
	Heating			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	dB(A)	46	46	49	50	50	56	
	Heating			47	47	49	55	55	57	
Airflow Rate	Cooling	H/M/L/Q	m³/h	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	
Weight				kg (lbs)	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	
Connection Pipe Diameter				Liquid/Gas	mm	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				kW	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	dB(A)	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	dB(A)	52	54	55	60	58	
	Heating			53	56	57	62	59	
Airflow Rate	Cooling	H/M/L/Q	m³/h	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			kW	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	dB(A)	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	dB(A)	57	57	58	60	58
	Heating			57	57	58	60	58
Airflow Rate	Cooling	H/M/L/Q	m³/h	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 × 800 × 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

2-unit to 4-unit Multi-split Indoor Units Specifications

Wall mounted for Singapore



Model No.	Indoor unit		ASAG09JGTA	ASAG12JGTA
kW Class		kW	2.5	3.5
Power Source		V/Ø/Hz	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/36/30/21
	Heating			44/37/30/21
Airflow Rate	Cooling	H/M/L/Q	m³/h	770/560/430/250
	Heating			800/600/450/250
Net Dimensions		mm	270 × 834 × 215	270 × 834 × 215
Weight		kg(lbs)	10(22)	10(22)
Connection Pipe Diameter	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52

Wall mounted for Singapore



Model No.	Indoor unit			ASAG09JGTB	
kW Class			kW	2.5	
Power Source			V/Ø/Hz	230/1/50	
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	40/34/29/21	
	Heating			-	
Airflow Rate	Cooling	H/M/L/Q	m³/h	700/560/430/270	
	Heating			-	
Net Dimensions			mm	270 × 834 × 215	
Weight			kg(lbs)	10(22)	
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	

Wall mounted for Singapore



Model No.	Indoor unit			ASAG18JFCC	
kW Class			kW	5.0	
Power Source			V/Ø/Hz	230/1/50	
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/37/33/26	
	Heating			-	
Airflow Rate	Cooling	H/M/L/Q	m³/h	900/740/620/550	
	Heating			-	
Net Dimensions			mm	320 × 998 × 238	
Weight			kg(lbs)	14(30.9)	
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø12.70	

Wall mounted



Model No.	Indoor unit		ASAG09LMCA	ASAG12LMCA
kW Class		kW	2.5	3.5
Power Source		V/Ø/Hz	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	37/33/29/21
	Heating			40/36/30/21
Airflow Rate	Cooling	H/M/L/Q	m³/h	37/33/29/22
	Heating			40/36/31/22
Airflow Rate	Cooling	H/M/L/Q	m³/h	600/520/430/310
	Heating			660/560/450/310
Net Dimensions		mm	600/520/430/330	660/560/470/330
Weight		kg(lbs)	268 × 840 × 203	268 × 840 × 203
Weight		kg(lbs)	8.5(18.7)	8.5(18.7)
Connection Pipe Diameter	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52

Wall mounted



Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA
kW Class		kW	2.0	2.5	3.5
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	35/30/28/21	36/32/28/21
	Heating			35/30/28/21	36/32/28/21
Airflow Rate	Cooling	H/M/L/Q	m³/h	570/520/470/330	600/550/470/330
	Heating			570/520/470/330	600/550/470/330
Net Dimensions		mm	282 × 870 × 185	282 × 870 × 185	282 × 870 × 185
Weight		kg(lbs)	9.5(20.9)	9.5(20.9)	9.5(20.9)
Connection Pipe Diameter	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52

Wall mounted



Model No.	Indoor unit		ASAG18LFCA	ASAG24LFCA
kW Class		kW	5.0	7.0
Power Source		V/Ø/Hz	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/37/33/26
	Heating			42/37/33/25
Airflow Rate	Cooling	H/M/L/Q	m³/h	900/740/620/550
	Heating			900/740/620/550
Net Dimensions		mm	320 × 998 × 238	320 × 998 × 238
Weight		kg(lbs)	14(30.9)	14(30.9)
Connection Pipe Diameter	Liquid/Gas	mm	Ø6.35/Ø12.70	Ø6.35/Ø15.88

Compact cassette



Model No.	Indoor unit		AUAG09LVLA	AUAG12LVLA	AUAG14LVLA	AUAG18LVLA
kW Class		kW	2.5	3.5	4.0	5.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	33/31/29/27	37/33/31/28	40/35/32/29
	Heating			34/32/29/27	37/33/31/28	40/37/34/29
Airflow Rate	Cooling	H/M/L/Q	m³/h	540/490/440/390	610/530/470/410	680/580/490/410
	Heating			540/490/440/390	610/530/470/410	700/620/550/430
Net Dimensions		mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight		kg(lbs)	15(33.1)	15(33.1)	15(33.1)	15(33.1)
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W
Connection Pipe Diameter	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70	Ø6.35/Ø12.70

Slim duct



Model No.	Indoor unit		ARAG09LLLLA	ARAG12LLLLA	ARAG14LLLLA	ARAG18LLLLA	ARAG24LLLLA
kW Class		kW	2.5	3.5	4.0	5.0	7.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	28/27/26/25	29/28/27/26	32/30/28/26	32/31/30/29
	Heating			28/26/25/24	29/28/27/24	33/30/28/25	33/32/31/29
Airflow Rate	Cooling	H/M/L/Q	m³/h	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
	Heating			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 × 900 × 620	198 × 1,100 × 620
Weight		kg(lbs)	19(41.9)	19(41.9)	19(41.9)	23(50.7)	27(59.5)
Connection Pipe Diameter	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70	Ø6.35/Ø12.70	Ø6.35/Ø15.88
External static pressure			0 to 90	0 to 90	0 to 90	0 to 90	0 to 50
Drain pump			Standard	Standard	Standard	Standard	Standard

5-unit, 6-unit Multi-split Indoor Units Specifications

Wall mounted



Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
kW Class		kW	2.0	2.5	3.5	4.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	35/30/28/21	36/32/28/21	37/34/31/21
	Heating					41/36/33/25
			35/30/28/21	36/32/28/21	37/34/31/21	41/36/34/27
Airflow Rate	Cooling	H/M/L/Q	m³/h	570/520/470/330	600/550/470/330	660/600/530/330
	Heating					710/640/570/390
			570/520/470/330	600/550/470/330	660/600/530/330	710/640/590/430
Net Dimensions		mm	282 × 870 × 185	282 × 870 × 185	282 × 870 × 185	282 × 870 × 185
Weight		kg(lbs)	9.5 (20.9)	9.5 (20.9)	9.5 (20.9)	9.5 (20.9)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70

Wall mounted



Model No.	Indoor unit			ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
kW Class			kW	2.0	2.5	3.5	4.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	36/32/29/21	37/33/29/21	40/36/30/21	42/38/33/25
	Heating			36/32/29/22	37/33/29/22	40/36/31/22	42/38/35/27
Airflow Rate	Cooling	H/M/L/Q	m³/h	560/500/430/310	600/520/430/310	660/560/450/310	730/600/530/360
	Heating			560/500/430/330	600/520/430/330	660/560/470/330	730/615/560/375
Net Dimensions			mm	270 × 870 × 204	270 × 870 × 204	270 × 870 × 204	270 × 870 × 204
Weight			kg(lbs)	8.5 (19.0)	8.5 (19.0)	8.5 (19.0)	8.5 (19.0)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70

Wall mounted



Model No.	Indoor unit			ASYG18LFCA	ASYG24LFCA	ASYG24LFC
kW Class			kW	5.0	7.0	7.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/37/33/26	49/42/37/33	49/42/37/33
	Heating			42/37/33/25	48/42/37/33	48/42/37/33
Airflow Rate	Cooling	H/M/L/Q	m³/h	900/740/620/550	1,120/900/740/620	1,120/900/740/620
	Heating			900/740/620/550	1,100/900/740/620	1,100/900/740/620
Net Dimensions			mm	320 × 998 × 238	320 × 998 × 238	320 × 998 × 238
Weight			kg(lbs)	14 (30.9)	14 (30.9)	14 (30.9)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø12.70	Ø6.35/Ø15.88	Ø6.35/Ø15.88

Floor



Model No.	Indoor unit			AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
kW Class			kW	2.5	3.5	4.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	39/34/28/22	42/36/30/22	44/38/31/22
	Heating			39/35/30/22	42/38/32/22	44/39/33/22
Airflow Rate	Cooling	H/M/L/Q	m³/h	530/440/360/270	600/490/380/270	650/520/400/270
	Heating			530/460/380/270	600/510/410/270	650/540/430/270
Net Dimensions			mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
Weight			kg(lbs)	14 (30.9)	14 (30.9)	14 (30.9)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70

Floor/ceiling



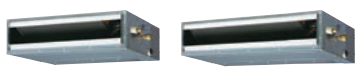
Model No.	Indoor unit			ABYG14LVTA	ABYG18LVTB
kW Class			kW	4.0	5.0
Power Source			V/Ø/Hz	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	36/34/33/29 (Under ceiling) / 39/37/36/32 (Floor console)	41/38/34/32 (Under ceiling) / 44/41/37/35 (Floor console)
	Heating			36/34/33/29 (Under ceiling) / 39/37/36/32 (Floor console)	41/38/34/32 (Under ceiling) / 44/41/37/35 (Floor console)
Airflow Rate	Cooling	H/M/L/Q	m³/h	640/590/540/480	780/700/560/500
	Heating			640/590/540/480	780/700/560/500
Net Dimensions			mm	199 × 990 × 655	199 × 990 × 655
Weight			kg(lbs)	27 (59.5)	27 (59.5)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø12.70	Ø6.35/Ø12.70

Compact cassette



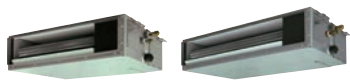
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kW Class			kW	2.0	2.5	3.5	4.0	5.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	33/31/29/27	33/31/29/27	37/33/31/28	40/35/32/29	42/37/33/29
	Heating			34/32/29/27	34/32/29/27	37/33/31/28	40/37/34/29	44/40/37/30
Airflow Rate	Cooling	H/M/L/Q	m³/h	540/490/440/390	540/490/440/390	610/530/470/410	680/580/490/410	750/610/520/410
	Heating			540/490/440/390	540/490/440/390	610/530/470/410	700/620/550/430	800/710/600/450
Net Dimensions			mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight			kg(lbs)	15 (33.1)	15 (33.1)	15 (33.1)	15 (33.1)	15 (33.1)
Cassette Grille				UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70	Ø6.35/Ø12.70

Slim duct



Model No.	Indoor unit		ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB	
kW Class			kW	2.0	2.5	3.5	4.0	5.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	28/26/25/24	28/27/26/25	29/28/27/26	32/30/28/26	32/31/30/29
	Heating			28/26/25/24	28/26/25/24	29/28/27/24	33/30/28/25	33/32/31/29
Airflow Rate	Cooling	H/M/L/Q	m³/h	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)	17 (37.5)	19 (41.9)	19 (41.9)	19 (41.9)	23 (50.7)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70	Ø6.35/Ø12.70
External static pressure				0 to 90	0 to 90	0 to 90	0 to 90	0 to 90
Drain pump				Standard	Standard	Standard	Standard	Standard

Mini duct



Model No.	Indoor unit			ARYG07LSLAP	ARYG09LSLAP	ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP
kW Class			kW	2.0	2.5	3.5	4.0	5.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	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
Airflow Rate	Cooling	H/M/L/Q	m³/h	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 × 900 × 450	198 × 900 × 450
Weight			kg(lbs)	15.5 (34.2)	15.5 (34.2)	15.5 (34.2)	15.5 (34.2)	18.5 (40.8)
Connection Pipe Diameter		Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.70	Ø6.35/Ø12.70
External static pressure				0 to 30	0 to 30	0 to 30	0 to 50	0 to 50
Drain pump				Standard	Standard	Standard	Standard	Standard

3-unit, 4-unit Multi-split Combination Table–Cooling

3-unit Multi-split cooling

AOAG28JBTA3	Combination of indoor unit				Cooling Operation					
					Cooling Capacity				Input Power (Min.-Max.)	EER (W/W)
					Unit 1	Unit 2	Unit 3	Total (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Total	kW	kW	kW	kW	kW	
3-unit connection	9	-	-	9	2.70	-	-	2.7(1.5-3.3)	0.67(0.45-1.09)	4.04
	12	-	-	12	3.50	-	-	3.5(1.5-3.7)	0.91(0.45-1.15)	3.83
	18	-	-	18	5.00	-	-	5.0(1.8-5.6)	1.26(0.50-1.96)	3.98
	9	9	-	18	2.65	2.65	-	5.3(1.8-6.2)	1.25(0.50-2.02)	4.24
	9	12	-	21	2.27	3.03	-	5.3(1.8-6.8)	1.28(0.50-2.45)	4.13
	9	18	-	27	1.76	3.53	-	5.3(1.8-7.9)	1.14(0.50-2.87)	4.66
	12	12	-	24	2.65	2.65	-	5.3(1.8-7.2)	1.26(0.50-2.74)	4.20
	12	18	-	30	2.12	3.18	-	5.3(1.8-7.9)	1.14(0.50-2.87)	4.66
	9	9	9	27	1.77	1.77	1.77	5.3(1.8-8.2)	1.09(0.50-2.87)	4.86
	9	9	12	30	1.59	1.59	2.12	5.3(1.8-8.3)	1.09(0.50-2.87)	4.86
	9	9	18	36	1.33	1.33	2.64	5.3(2.0-8.5)	1.09(0.50-2.87)	4.86
	9	12	12	33	1.45	1.93	1.93	5.3(1.8-8.3)	1.09(0.50-2.87)	4.86
	12	12	12	36	1.77	1.77	1.77	5.3(1.8-8.3)	1.09(0.50-2.87)	4.86

Note: •9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•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 14,000 Btu up to 36,000 Btu.

4-unit Multi-split cooling

AOAG28JBTA3	Combination of indoor unit					Cooling Operation					Input Power (Min.-Max.) kW	EER (W/W)
						Cooling Capacity						
						Unit 1	Unit 2		Unit 3	Unit 4		
	Unit 1	Unit 2	Unit 3	Unit 4	Total	kW	kW	kW	kW	kW		
1-unit connection	9	-	-	-	9	2.70	-	-	-	2.7(1.5-3.3)	0.67(0.45-1.09)	4.03
	12	-	-	-	12	3.50	-	-	-	3.5(1.5-3.7)	0.91(0.45-1.19)	3.85
	18	-	-	-	18	5.00	-	-	-	5.0(1.8-5.6)	1.26(0.50-1.96)	3.97
2-unit connection	9	9	-	-	18	2.65	2.65	-	-	5.3(1.8-6.2)	1.25(0.50-2.02)	4.24
	9	12	-	-	21	2.27	3.03	-	-	5.3(1.8-6.8)	1.28(0.50-2.45)	4.14
	9	18	-	-	27	1.76	3.53	-	-	5.3(1.8-7.9)	1.14(0.50-2.87)	4.65
	12	12	-	-	24	2.65	2.65	-	-	5.3(1.8-7.2)	1.26(0.50-2.74)	4.21
	12	18	-	-	30	2.12	3.18	-	-	5.3(1.8-7.9)	1.14(0.50-2.87)	4.65
3-unit connection	9	9	9	-	27	1.77	1.77	1.77	-	5.3(1.8-8.2)	1.09(0.50-2.87)	4.86
	9	9	12	-	30	1.59	1.59	2.12	-	5.3(1.8-8.3)	1.09(0.50-2.87)	4.86
	9	9	18	-	36	1.33	1.33	2.64	-	5.3(2.0-8.5)	1.09(0.60-2.87)	4.86
	9	12	12	-	33	1.45	1.93	1.93	-	5.3(1.8-8.3)	1.09(0.50-2.87)	4.86
	9	12	18	-	39	1.22	1.63	2.45	-	5.3(2.0-8.5)	1.09(0.60-2.87)	4.86
	12	12	12	-	36	1.77	1.77	1.77	-	5.3(1.8-8.3)	1.09(0.50-2.87)	4.86
	12	12	18	-	42	1.51	1.51	2.27	-	5.3(2.0-8.5)	1.09(0.60-2.87)	4.86
	9	9	9	9	36	1.43	1.43	1.43	1.43	5.7(1.8-8.5)	1.17(0.50-2.87)	4.86
4-unit connection	9	9	9	12	39	1.32	1.32	1.32	1.75	5.7(1.8-8.5)	1.17(0.50-2.87)	4.86
	9	9	9	18	45	1.14	1.14	1.14	2.28	5.7(2.0-8.5)	1.17(0.60-2.87)	4.86
	9	9	12	12	42	1.22	1.22	1.63	1.63	5.7(1.8-8.5)	1.17(0.50-2.87)	4.86
	9	12	12	12	45	1.14	1.52	1.52	1.52	5.7(1.8-8.5)	1.17(0.50-2.87)	4.86

Note: •9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•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)



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

2-unit Multi-split cooling

AOYG14KBTA2	Combination of Indoor Units		Cooling Operation							Seasonal Data		
			Cooling Capacity			Input Power (Min. - Max.)	EER					
			Unit 1	Unit 2	Total Capacity (Min. - Max.)			Pdesign	SEER	Energy efficiency class		
			kW	kW	kW	kW		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.

AOYG18KBTA2	Combination of Indoor Units		Cooling Operation						Seasonal Data		
			Cooling Capacity			Input Power (Min. - Max.)	EER				
			Unit 1	Unit 2	Total Capacity (Min. - Max.)			Pdesign	SEER	Energy efficiency class	
			kW	kW	kW	kW	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

AOYG14KBTA2	Combination of Indoor Units		Heating Operation							Seasonal Data		
			Heating Capacity			Input Power (Min. - Max.)	COP					
			Unit 1	Unit 2	Total Capacity (Min. - Max.)							
			kW	kW	kW	kW			Pdesign kW	SCoP	Energy efficiency class	
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.

AOYG18KBTA2	Combination of Indoor Units		Heating Operation							Seasonal Data		
			Heating Capacity			Input Power (Min. - Max.)	COP					
			Unit 1	Unit 2	Total Capacity (Min. - Max.)							
			kW	kW	kW	kW	Pdesign kW	SCOP	Energy efficiency class			
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.

2-unit Multi-split cooling

AOAG18LAC2	Combination of indoor unit			Cooling Operation					
				Cooling Capacity			Input Power (Min.-Max.)	EER (W/W)	
				Unit 1	Unit 2	Total (Min.-Max.)			
				kW	kW	kW	kW		
2-unit connection	7	7	14	2.10	2.10	4.20(1.70-5.20)	1.24(0.35-1.68)	3.39	
	7	9	16	2.10	2.50	4.60(1.70-5.30)	1.26(0.35-1.79)	3.65	
	7	12	19	1.90	3.10	5.00(1.70-5.60)	1.48(0.35-1.95)	3.38	
	9	9	18	2.50	2.50	5.00(1.70-5.60)	1.49(0.35-1.95)	3.36	
	9	12	21	2.10	2.90	5.00(1.70-5.70)	1.48(0.35-1.95)	3.38	
	12	12	24	2.50	2.50	5.00(1.70-5.80)	1.49(0.35-1.99)	3.36	

Note: •7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•2 or more indoor units should be connected.
•Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).
•Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)
•The Total ability of connected a indoor unit is up to 24000 Btu from 14000 Btu.

2-unit Multi-split heating

AOAG18LAC2	Combination of indoor unit			Heating Operation					
				Heating Capacity			Input Power (Min.-Max.)	COP (W/W)	
				Unit 1	Unit 2	Total (Min.-Max.)			
				kW	kW	kW	kW		
2-unit connection	7	7	14	2.70	2.70	5.40(1.80-6.00)	1.24(0.35-1.68)	3.39	
	7	9	16	2.50	3.00	5.50(1.80-6.00)	1.26(0.35-1.79)	3.65	
	7	12	19	2.30	3.30	5.60(1.80-6.10)	1.48(0.35-1.95)	3.38	
	9	9	18	2.80	2.80	5.60(1.80-6.10)	1.49(0.35-1.95)	3.36	
	9	12	21	2.45	3.15	5.60(1.80-6.20)	1.48(0.35-1.95)	3.38	
	12	12	24	2.80	2.80	5.60(1.80-6.30)	1.49(0.35-1.99)	3.36	

Note: •7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•2 or more indoor units should be connected.
•Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6°CWB (outdoor temperature).
•Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)
•The Total ability of connected a indoor unit is up to 24000 Btu from 14000 Btu.



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

3-unit Multi-split cooling

AOYG18KBT A3	Combination of Indoor Units			Cooling Operation							Seasonal Data		
				Cooling Capacity				Input Power		EER			
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW	Input Power (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+++

AOYG24KBT A3	Combination of Indoor Units			Cooling Operation					Seasonal Data			
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW	Input Power (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++
	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+++
3-unit connection	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	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

AOYG18KBT A3	Combination of Indoor Units			Heating Operation								
				Heating Capacity				Input Power (Min. - Max.) kW	COP	Seasonal Data		
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. - Max.) kW			Pdesign kW	SCOP	Energy efficiency
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								
				Heating Capacity				Input Power (Min. ~ Max.)	COP	Seasonal Data		
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (Min. ~ Max.) kW			Pdesign kW	SCOP	Energy efficiency
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+
3-unit connection	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+
	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	4.7	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	12	1.80	3.10	3.10	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
	7	12	14	1.70	2.91	3.39	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
	7	14	14	1.60	3.20	3.20	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
	9	9	9	2.67	2.67	2.67	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
	9	9	12	2.40	2.40	3.20	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
	9	9	14	2.25	2.25	3.50	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++
	9	9	18	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++
9	12	12	2.18	2.91	2.91	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
9	12	14	2.06	2.74	3.20	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	
12	12	12	2.67	2.67	2.67	8.00 (2.0-9.2)	1.82 (0.25-2.35)	4.40	6.0	4.6	A++	



3-unit Multi-split Combination Table-Cooling

3-unit Multi-split cooling

AOAG20LBTA3	Combination of indoor unit				Cooling Operation					EER (W/W)
					Cooling Capacity				Input Power (Min.-Max.)	
					Unit 1	Unit 2	Unit 3	Total (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Total	kW	kW	kW	kW	kW	
2-unit connection	7	7	-	14	2.30	2.30	-	4.6(1.8-5.0)	1.20(0.50-1.40)	3.83
	7	9	-	16	2.30	2.70	-	5.0(1.8-5.7)	1.36(0.50-1.78)	3.68
	7	12	-	19	2.34	3.36	-	5.7(1.8-6.1)	1.65(0.50-1.97)	3.45
	7	14	-	21	2.08	3.62	-	5.7(1.8-7.2)	1.55(0.50-2.46)	3.68
	7	18	-	25	1.80	3.90	-	5.7(1.8-7.8)	1.51(0.50-2.87)	3.77
	9	9	-	18	2.75	2.75	-	5.5(1.8-6.2)	1.55(0.50-2.02)	3.55
	9	12	-	21	2.57	3.14	-	5.7(1.8-6.8)	1.65(0.50-2.45)	3.46
	9	14	-	23	2.30	3.40	-	5.7(1.8-7.7)	1.50(0.50-2.77)	3.80
	9	18	-	27	2.00	3.70	-	5.7(1.8-7.9)	1.46(0.50-2.87)	3.90
	12	12	-	24	2.85	2.85	-	5.7(1.8-7.2)	1.62(0.50-2.74)	3.52
	12	14	-	26	2.58	3.12	-	5.7(1.8-7.8)	1.46(0.50-2.87)	3.90
	12	18	-	30	2.27	3.43	-	5.7(1.8-7.9)	1.46(0.50-2.87)	3.90
3-unit connection	7	7	7	21	1.90	1.90	1.90	5.7(1.8-7.4)	1.40(0.50-2.37)	4.07
	7	7	9	23	1.80	1.80	2.11	5.7(1.8-7.8)	1.40(0.50-2.60)	4.07
	7	7	12	26	1.66	1.66	2.38	5.7(1.8-8.1)	1.40(0.50-2.87)	4.07
	7	7	14	28	1.52	1.52	2.65	5.7(2.0-8.4)	1.40(0.60-2.87)	4.07
	7	7	18	32	1.37	1.37	2.97	5.7(2.0-8.5)	1.40(0.60-2.87)	4.07
	7	9	9	25	1.70	2.00	2.00	5.7(1.8-8.2)	1.40(0.50-2.87)	4.07
	7	9	12	28	1.58	1.85	2.27	5.7(1.8-8.2)	1.40(0.50-2.87)	4.07
	7	9	14	30	1.46	1.71	2.53	5.7(2.0-8.4)	1.40(0.60-2.87)	4.07
	7	9	18	34	1.31	1.54	2.85	5.7(2.0-8.5)	1.40(0.60-2.87)	4.07
	7	12	12	31	1.47	2.11	2.11	5.7(1.8-8.2)	1.40(0.50-2.87)	4.07
	7	12	14	33	1.37	1.96	2.38	5.7(2.0-8.5)	1.40(0.60-2.87)	4.07
	9	9	9	27	1.90	1.90	1.90	5.7(1.8-8.2)	1.40(0.50-2.87)	4.07
	9	9	12	30	1.77	1.77	2.16	5.7(1.8-8.3)	1.40(0.50-2.87)	4.07
	9	9	14	32	1.64	1.64	2.43	5.7(2.0-8.5)	1.40(0.60-2.87)	4.07
	9	9	18	36*1	1.48	1.48	2.74	5.7(2.0-8.5)	1.40(0.60-2.87)	4.07
	9	12	12	33	1.65	2.02	2.02	5.7(1.8-8.3)	1.40(0.50-2.87)	4.07
	9	12	14	35	1.54	1.88	2.28	5.7(2.0-8.5)	1.40(0.60-2.87)	4.07
	12	12	12	36	1.90	1.90	1.90	5.7(1.8-8.3)	1.40(0.50-2.87)	4.07

Note: •7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•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 up to 36,000 Btu from 14,000 Btu.
*1: When ASAG18LFCA is connected, 9,000 Btu model shall be chosen at least one "Compact wall mounted type" or more.

3-unit Multi-split cooling

AOAG24LAT3	Combination of indoor unit				Cooling Operation					EER (W/W)
					Cooling Capacity				Input Power (Min.-Max.)	
					Unit 1	Unit 2	Unit 3	Total (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Total	kW	kW	kW	kW	kW	
2-unit connection	7	7	-	14	2.30	2.30	-	4.6(1.8-5.0)	1.20(0.50-1.40)	3.83
	7	9	-	16	2.30	2.70	-	5.0(1.8-5.7)	1.36(0.50-1.78)	3.68
	7	12	-	19	2.38	3.42	-	5.8(1.8-6.1)	1.70(0.50-1.97)	3.41
	7	14	-	21	2.37	4.13	-	6.5(1.8-7.2)	1.91(0.50-2.46)	3.40
	7	18	-	25	2.08	4.52	-	6.6(1.8-7.8)	1.91(0.50-2.87)	3.46
	9	9	-	18	2.75	2.75	-	5.5(1.8-6.2)	1.55(0.50-2.02)	3.55
	9	12	-	21	2.79	3.41	-	6.2(1.8-6.8)	1.90(0.50-2.45)	3.26
	9	14	-	23	2.66	3.94	-	6.6(1.8-7.7)	1.91(0.50-2.77)	3.46
	9	18	-	27	2.35	4.35	-	6.7(1.8-7.9)	1.91(0.50-2.87)	3.51
	12	12	-	24	3.15	3.15	-	6.3(1.8-7.2)	1.90(0.50-2.74)	3.32
	12	14	-	26	3.03	3.67	-	6.7(1.8-7.8)	1.91(0.50-2.87)	3.51
	12	18	-	30	2.66	4.04	-	6.7(1.8-7.9)	1.92(0.50-2.87)	3.49
3-unit connection	7	7	7	21	2.27	2.27	2.27	6.8(1.8-7.4)	1.92(0.50-2.37)	3.54
	7	7	9	23	2.14	2.14	2.52	6.8(1.8-7.8)	1.93(0.50-2.60)	3.52
	7	7	12	26	1.98	1.98	2.84	6.8(1.8-8.1)	1.93(0.50-2.87)	3.52
	7	7	14	28	1.82	1.82	3.16	6.8(2.0-8.4)	1.94(0.60-2.87)	3.51
	7	7	18	32	1.63	1.63	3.54	6.8(2.0-8.5)	1.94(0.60-2.87)	3.51
	7	9	9	25	2.03	2.38	2.38	6.8(1.8-8.2)	1.93(0.50-2.87)	3.52
	7	9	12	28	1.88	2.21	2.70	6.8(1.8-8.2)	1.93(0.50-2.87)	3.52
	7	9	14	30	1.74	2.04	3.02	6.8(2.0-8.4)	1.94(0.60-2.87)	3.51
	7	9	18	34	1.56	1.84	3.40	6.8(2.0-8.5)	1.94(0.60-2.87)	3.51
	7	12	12	31	1.76	2.52	2.52	6.8(1.8-8.2)	1.94(0.50-2.87)	3.51
	7	12	14	33	1.63	2.34	2.83	6.8(2.0-8.5)	1.94(0.60-2.87)	3.51
	9	9	9	27	2.27	2.27	2.27	6.8(1.8-8.2)	1.94(0.50-2.87)	3.51
	9	9	12	30	2.11	2.11	2.58	6.8(1.8-8.3)	1.94(0.50-2.87)	3.51
	9	9	14	32	1.95	1.95	2.89	6.8(2.0-8.5)	1.94(0.60-2.87)	3.51
	9	9	18	36*1	1.77	1.77	3.27	6.8(2.0-8.5)	1.94(0.60-2.87)	3.51
	9	12	12	33	1.97	2.41	2.41	6.8(1.8-8.3)	1.94(0.50-2.87)	3.51
	9	12	14	35	1.84	2.24	2.72	6.8(2.0-8.5)	1.94(0.60-2.87)	3.51
	12	12	12	36	2.27	2.27	2.27	6.8(1.8-8.3)	1.94(0.50-2.87)	3.51

Note: •7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•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 up to 36,000 Btu from 14,000 Btu.
*1: When ASAG18LFCA is connected, 9,000 Btu model shall be chosen at least one "Compact wall mounted type" or more.



3-unit Multi-split Combination Table-Heating

3-unit Multi-split heating

AOAG20LBTA3	Combination of indoor unit				Heating Operation					
					Heating Capacity				Input Power (Min.-Max.)	COP (W/W)
					Unit 1	Unit 2	Unit 3	Total (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Total	kW	kW	kW	kW	kW	
2-unit connection	7	7	-	14	2.75	2.75	-	5.5(2.0-6.1)	1.55(0.52-1.93)	3.55
	7	9	-	16	2.80	3.30	-	6.1(2.0-7.0)	1.82(0.52-2.52)	3.35
	7	12	-	19	2.88	4.12	-	7.0(2.0-7.3)	2.31(0.52-2.66)	3.03
	7	14	-	21	2.80	4.80	-	7.6(2.0-8.3)	2.28(0.50-2.87)	3.33
	7	18	-	25	2.48	5.32	-	7.8(2.0-8.3)	2.29(0.50-2.87)	3.41
	9	9	-	18	3.30	3.30	-	6.6(2.0-7.4)	2.04(0.52-2.68)	3.24
	9	12	-	21	3.30	4.00	-	7.3(2.0-7.7)	2.43(0.52-2.87)	3.00
	9	14	-	23	3.18	4.62	-	7.8(2.0-8.3)	2.33(0.50-2.87)	3.35
	9	18	-	27	2.77	5.03	-	7.8(2.0-8.5)	2.22(0.50-2.87)	3.52
	12	12	-	24	3.80	3.80	-	7.6(2.0-7.8)	2.54(0.52-2.87)	2.99
	12	14	-	26	3.55	4.25	-	7.8(2.0-8.4)	2.32(0.50-2.87)	3.37
	12	18	-	30	3.12	4.68	-	7.8(2.0-8.6)	2.21(0.50-2.87)	3.53
3-unit connection	7	7	7	21	2.60	2.60	2.60	7.8(2.0-8.6)	2.22(0.50-2.68)	3.51
	7	7	9	23	2.45	2.45	2.89	7.8(2.0-8.8)	2.15(0.50-2.87)	3.62
	7	7	12	26	2.28	2.28	3.25	7.8(2.0-8.9)	2.10(0.50-2.80)	3.71
	7	7	14	28	2.10	2.10	3.60	7.8(2.0-9.2)	1.98(0.50-2.72)	3.94
	7	7	18	32	1.88	1.88	4.03	7.8(2.0-9.2)	1.96(0.50-2.70)	3.97
	7	9	9	25	2.32	2.74	2.74	7.8(2.0-9.0)	2.10(0.50-2.87)	3.71
	7	9	12	28	2.16	2.55	3.09	7.8(2.0-9.1)	2.09(0.50-2.87)	3.73
	7	9	14	30	2.00	2.36	3.43	7.8(2.0-9.2)	1.95(0.50-2.72)	4.01
	7	9	18	34	1.80	2.13	3.87	7.8(2.0-9.2)	1.93(0.50-2.69)	4.05
	7	12	12	31	2.02	2.89	2.89	7.8(2.0-9.1)	2.04(0.50-2.87)	3.82
	7	12	14	33	1.88	2.69	3.23	7.8(2.0-9.2)	1.94(0.50-2.70)	4.03
	9	9	9	27	2.60	2.60	2.60	7.8(2.0-9.1)	2.05(0.50-2.87)	3.80
	9	9	12	30	2.43	2.43	2.94	7.8(2.0-9.2)	2.04(0.50-2.87)	3.82
	9	9	14	32	2.26	2.26	3.28	7.8(2.0-9.2)	1.93(0.50-2.70)	4.05
	9	9	18	36*1	2.04	2.04	3.71	7.8(2.0-9.2)	1.91(0.50-2.68)	4.09
	9	12	12	33	2.28	2.76	2.76	7.8(2.0-9.2)	1.99(0.50-2.80)	3.91
	9	12	14	35	2.13	2.58	3.09	7.8(2.0-9.2)	1.93(0.50-2.69)	4.05
	12	12	12	36	2.60	2.60	2.60	7.8(2.0-9.2)	1.98(0.50-2.78)	3.93

Note: •7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•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 up to 36,000 Btu from 14,000 Btu.
*1: When ASAG18LFCA is connected, 9,000 Btu model shall be chosen at least one "Compact wall mounted type" or more.

3-unit Multi-split heating

AOAG24LAT3	Combination of indoor unit				Heating Operation					
					Heating Capacity				Input Power (Min.-Max.)	COP (W/W)
					Unit 1	Unit 2	Unit 3	Total (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Total	kW	kW	kW	kW	kW	
2-unit connection	7	7	-	14	2.75	2.75	-	5.5(2.0-6.1)	1.55(0.52-1.93)	3.55
	7	9	-	16	2.80	3.30	-	6.1(2.0-7.0)	1.82(0.52-2.52)	3.35
	7	12	-	19	2.88	4.12	-	7.0(2.0-7.3)	2.31(0.52-2.66)	3.03
	7	14	-	21	2.80	4.80	-	7.6(2.0-8.3)	2.28(0.50-2.87)	3.33
	7	18	-	25	2.51	5.39	-	7.9(2.0-8.3)	2.34(0.50-2.87)	3.38
	9	9	-	18	3.30	3.30	-	6.6(2.0-7.4)	2.04(0.52-2.68)	3.24
	9	12	-	21	3.30	4.00	-	7.3(2.0-7.7)	2.43(0.52-2.87)	3.00
	9	14	-	23	3.22	4.68	-	7.9(2.0-8.3)	2.38(0.50-2.87)	3.32
	9	18	-	27	2.84	5.16	-	8.0(2.0-8.5)	2.32(0.50-2.87)	3.45
	12	12	-	24	3.80	3.80	-	7.6(2.0-7.8)	2.54(0.52-2.87)	2.99
	12	14	-	26	3.59	4.31	-	7.9(2.0-8.4)	2.37(0.50-2.87)	3.33
	12	18	-	30	3.20	4.80	-	8.0(2.0-8.6)	2.31(0.50-2.87)	3.46
3-unit connection	7	7	7	21	2.47	2.47	2.47	7.4(2.0-8.6)	2.05(0.50-2.68)	3.61
	7	7	9	23	2.42	2.42	2.86	7.7(2.0-8.8)	2.11(0.50-2.87)	3.65
	7	7	12	26	2.28	2.28	3.25	7.8(2.0-8.9)	2.10(0.50-2.80)	3.71
	7	7	14	28	2.13	2.13	3.65	7.9(2.0-9.2)	2.02(0.50-2.72)	3.91
	7	7	18	32	1.91	1.91	4.09	7.9(2.0-9.2)	2.00(0.50-2.70)	3.95
	7	9	9	25	2.32	2.74	2.74	7.8(2.0-9.0)	2.10(0.50-2.87)	3.71
	7	9	12	28	2.16	2.55	3.09	7.8(2.0-9.1)	2.09(0.50-2.87)	3.73
	7	9	14	30	2.06	2.42	3.52	8.0(2.0-9.2)	2.02(0.50-2.72)	3.96
	7	9	18	34	1.85	2.18	3.97	8.0(2.0-9.2)	2.00(0.50-2.69)	4.00
	7	12	12	31	2.05	2.93	2.93	7.9(2.0-9.1)	2.08(0.50-2.87)	3.80
	7	12	14	33	1.93	2.76	3.31	8.0(2.0-9.2)	2.01(0.50-2.70)	3.98
	9	9	9	27	2.63	2.63	2.63	7.9(2.0-9.1)	2.09(0.50-2.87)	3.78
	9	9	12	30	2.46	2.46	2.98	7.9(2.0-9.2)	2.08(0.50-2.87)	3.80
	9	9	14	32	2.32	2.32	3.37	8.0(2.0-9.2)	2.00(0.50-2.70)	4.00
	9	9	18	36*1	2.10	2.10	3.81	8.0(2.0-9.2)	1.98(0.50-2.68)	4.04
	9	12	12	33	2.34	2.83	2.83	8.0(2.0-9.2)	2.07(0.50-2.80)	3.86
	9	12	14	35	2.18	2.64	3.17	8.0(2.0-9.2)	2.00(0.50-2.69)	4.00
	12	12	12	36	2.67	2.67	2.67	8.0(2.0-9.2)	2.06(0.50-2.78)	3.88

Note: •7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
•Operating data under running indoor units are shown on the above table.
•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 up to 36,000 Btu from 14,000 Btu.
*1: When ASAG18LFCA is connected, 9,000 Btu model shall be chosen at least one "Compact wall mounted type" or more.

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

4-unit Multi-split cooling

AOYG30KBT4	Combination of Indoor Units		Cooling Operation										Seasonal Data		
			Cooling Capacity				Input Power (Min. - Max.)		EER						
			Unit 1 kW	Unit 2 kW	Unit 3 kW	Unit 4 kW	Total Capacity (Min. - Max.) 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++
3-unit connection	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	18	18	-	2.00	3.00	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++
4-unit connection	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	9	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	9	12	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	9	14	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	9	18	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	12	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	12	14	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	12	18	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	14	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	14	18	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	9	9	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	9	9	12	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	9	9	14	1.43	1.85	1.85	2.87	8.00 (2.4-10.1)	2.05 (0.45-3.25)		3.90	8.0	8.5	A+++
	7	9	9	18	1.30	1.67	1.67	3.36	8.00 (2.4-10.1)	2.05 (0.45-3.25)		3.90	8.0	8.5	A+++
	7	9	12	12	1.40	1.80	2.40	2.40	8.00 (2.4-10.1)	2.05 (0.45-3.25)		3.90	8.0	8.5	A+++
	7	9	12	14	1.33	1.71									

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

4-unit Multi-split cooling

AOAG30LAT4	Combination of indoor unit					Cooling Operation						EER (W/W)
						Cooling Capacity				Input Power (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Unit 4	Total (Min.-Max.)	kW						
3-unit connection	Unit 1	Unit 2	Unit 3	Unit 4	Total	kW	kW	kW	kW	kW	kW	
	7	7	7	-	21	2.30	2.30	2.30	-	6.9(1.8-7.5)	2.20(0.60-2.44)	3.14
	7	7	9	-	23	2.30	2.30	2.70	-	7.3(2.8-7.7)	2.35(0.90-2.55)	3.11
	7	7	12	-	26	1.99	1.99	3.02	-	7.0(2.8-8.2)	2.17(0.90-2.90)	3.23
	7	7	14	-	28	1.96	1.96	3.27	-	7.2(1.6-8.9)	2.22(0.68-3.43)	3.24
	7	7	18	-	32	1.81	1.81	4.08	-	7.7(2.8-10.0)	2.22(0.98-3.55)	3.47
	7	7	24	-	38	1.61	1.61	4.57	-	7.8(2.8-10.1)	2.19(0.98-3.53)	3.56
	7	9	9	-	25	2.09	2.45	2.45	-	7.0(2.8-8.3)	2.17(0.90-2.90)	3.23
	7	9	12	-	28	2.08	2.34	2.78	-	7.2(1.6-8.9)	2.22(0.68-3.41)	3.24
	7	9	14	-	30	1.90	2.14	3.16	-	7.2(2.8-9.1)	2.22(0.98-3.56)	3.24
	7	9	18	-	34	1.76	1.98	3.96	-	7.7(2.8-9.9)	2.22(0.98-3.56)	3.47
	7	9	24	-	40	1.57	1.77	4.46	-	7.8(2.8-10.1)	2.19(0.98-3.53)	3.56
	7	12	12	-	31	1.96	2.62	2.62	-	7.2(1.6-9.1)	2.22(0.68-3.54)	3.24
	7	12	14	-	33	1.83	2.43	3.04	-	7.3(2.8-9.2)	2.22(0.98-3.56)	3.29
	7	12	18	-	37	1.68	2.24	3.78	-	7.7(2.8-9.9)	2.22(0.98-3.56)	3.47
	7	12	24	-	43	1.51	2.01	4.28	-	7.8(2.8-10.1)	2.19(0.98-3.56)	3.56
	7	14	14	-	35	1.68	2.81	2.81	-	7.3(2.8-9.3)	2.22(0.98-3.58)	3.29
	7	14	18	-	39	1.57	2.61	3.52	-	7.7(3.5-10.0)	2.22(1.17-3.58)	3.47
	7	14	24	-	45	1.44	2.39	4.07	-	7.9(3.5-10.1)	2.20(1.17-3.58)	3.59
	7	18	18	-	43	1.42	3.19	3.19	-	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
	7	18	24	-	49	1.30	2.92	3.68	-	7.9(4.7-10.1)	2.22(1.27-3.58)	3.56
	9	9	9	-	27	2.40	2.40	2.40	-	7.2(2.8-8.9)	2.22(0.98-3.42)	3.24
	9	9	12	-	30	2.26	2.26	2.68	-	7.2(2.8-9.1)	2.22(0.98-3.54)	3.24
	9	9	14	-	32	2.10	2.10	3.11	-	7.3(2.8-9.2)	2.22(0.98-3.57)	3.29
	9	9	18	-	36	1.93	1.93	3.85	-	7.7(2.8-9.9)	2.22(0.98-3.56)	3.47
	9	9	24	-	42	1.73	1.73	4.35	-	7.8(2.8-10.1)	2.20(1.17-3.54)	3.55
	9	12	12	-	33	2.14	2.53	2.53	-	7.2(2.8-9.1)	2.22(0.98-3.54)	3.24
	9	12	14	-	35	1.99	2.36	2.95	-	7.3(2.8-9.2)	2.22(0.98-3.57)	3.29
	9	12	18	-	39	1.84	2.18	3.68	-	7.7(2.8-9.9)	2.22(0.98-3.56)	3.47
	9	12	24	-	45	1.66	1.97	4.18	-	7.8(2.8-10.1)	2.19(0.98-3.56)	3.56
	9	14	14	-	37	1.84	2.73	2.73	-	7.3(3.5-9.3)	2.22(1.17-3.58)	3.29
	9	14	18	-	41	1.74	2.58	3.48	-	7.8(3.5-10.0)	2.22(1.17-3.58)	3.51
	9	14	24	-	47	1.58	2.34	3.98	-	7.9(3.5-10.1)	2.22(1.27-3.56)	3.56
	9	18	18	-	45	1.56	3.12	3.12	-	7.8(4.7-10.1)	2.22(1.27-3.58)	3.51
	12	12	12	-	36	2.43	2.43	2.43	-	7.3(2.8-9.2)	2.22(0.98-3.55)	3.29
	12	12	14	-	38	2.28	2.28	2.85	-	7.4(2.8-9.3)	2.22(0.98-3.58)	3.33
12	12	18	-	42	2.12	2.12	3.57	-	7.8(3.5-10.0)	2.22(1.17-3.57)	3.51	
12	12	24	-	48	1.92	1.92	4.07	-	7.9(3.5-10.1)	2.20(1.17-3.54)	3.59	
12	14	14	-	40	2.11	2.64	2.64	-	7.4(3.5-9.4)	2.22(1.17-3.58)	3.33	
12	14	18	-	44	1.98	2.48	3.34	-	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51	
12	18	18	-	48	1.81	3.05	3.05	-	7.9(4.7-10.1)	2.22(1.27-3.58)	3.56	
4-unit connection	7	7	7	7	28	1.90	1.90	1.90	1.90	7.6(1.6-9.6)	2.20(0.68-3.41)	3.45
	7	7	7	9	30	1.84	1.84	1.84	2.07	7.6(1.6-9.8)	2.22(0.68-3.54)	3.42
	7	7	7	12	33	1.78	1.78	1.78	2.37	7.7(1.6-9.9)	2.22(0.68-3.54)	3.47
	7	7	7	14	35	1.65	1.65	1.65	2.75	7.7(2.8-9.9)	2.22(0.98-3.56)	3.47
	7	7	7	18	39	1.52	1.52	1.52	3.43	8.0(2.8-10.1)	2.20(0.98-3.55)	3.64
	7	7	9	9	32	1.81	1.81	2.04	2.04	7.7(2.8-9.7)	2.22(0.98-3.42)	3.47
	7	7	9	12	35	1.73	1.73	1.94	2.30	7.7(2.8-9.9)	2.22(0.98-3.55)	3.47
	7	7	9	14	37	1.61	1.61	1.81	2.68	7.7(2.8-10.0)	2.22(0.98-3.57)	3.47
	7	7	9	18	41	1.49	1.49	1.67	3.35	8.0(3.5-10.1)	2.20(1.17-3.55)	3.64
	7	7	12	12	38	1.65	1.65	2.20	2.20	7.7(2.8-10.0)	2.22(0.98-3.55)	3.47
	7	7	12	14	40	1.56	1.56	2.08	2.60	7.8(2.8-10.0)	2.22(0.98-3.57)	3.51
	7	7	12	18	44	1.43	1.43	1.91	3.22	8.0(3.5-10.1)	2.20(1.17-3.56)	3.64
	7	7	14	14	42	1.50	1.50	2.50	2.50	8.0(3.5-10.1)	2.22(1.17-3.58)	3.60
	7	7	14	18	46	1.35	1.35	2.25	3.04	8.0(3.5-10.1)	2.22(1.17-3.58)	3.60
	7	9	9	9	34	1.76	1.98	1.98	1.98	7.7(2.8-9.9)	2.22(0.98-3.56)	3.47
	7	9	9	12	37	1.68	1.89	1.89	2.24	7.7(2.8-10.0)	2.22(0.98-3.56)	3.47
	7	9	9	14	39	1.59	1.78	1.78	2.64	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
	7	9	9	18	43	1.45	1.64	1.64	3.27	8.0(3.5-10.1)	2.22(1.17-3.56)	3.60
	7	9	12	12	40	1.63	1.83	2.17	2.17	7.8(2.8-10.0)	2.22(0.98-3.56)	3.51
	7	9	12	14	42	1.52	1.71	2.03	2.54	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
	7	9	12	18	46	1.40	1.58	1.87	3.15	8.0(3.5-10.1)	2.22(1.17-3.56)	3.60
	7	9	14	14	44	1.45	1.63	2.41	2.41	7.9(3.5-10.1)	2.22(1.17-3.58)	3.56
	7	9	14	18	48	1.32	1.49	2.21	2.98	8.0(4.7-10.1)	2.22(1.27-3.57)	3.60
	7	12	12	12	43	1.56	2.08	2.08	2.08	7.8(2.8-10.1)	2.22(0.98-3.56)	3.51
	7	12	12	14	45	1.48	1.98	1.98	2.47	7.9(3.5-10.1)	2.22(1.17-3.58)	3.56
	7	12	12	18	49	1.35	1.80	1.80	3.04	8.0(3.5-10.1)	2.22(1.17-3.56)	3.60
	7	12	14	14	47	1.39	1.86	2.32	2.32	7.9(3.5-10.1)	2.22(1.17-3.58)	3.56
	9	9	9	9	36	1.93	1.93	1.93	1.93	7.7(3.5-10.0)	2.22(1.17-3.56)	3.47
	9	9	9	12	39	1.86	1.86	1.86	2.21	7.8(3.5-10.0)	2.22(1.17-3.57)	3.51
	9	9	9	14	41	1.74	1.74	1.74	2.58	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
	9	9	9	18	45*1	1.60	1.60	1.60	3.20	8.0(4.7-10.1)	2.22(1.27-3.58)	3.60
	9	9	12	12	42	1.78	1.78	2.12	2.12	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
	9	9	12	14	44	1.67	1.67	1.98	2.48	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
	9	9	12	18	48*2	1.54	1.54	1.83	3.09	8.0(4.7-10.1)	2.22(1.27-3.58)	3.60
	9	9	14	14	46	1.59	1.59	2.36	2.36	7.9(4.7-10.1)	2.22(1.27-3.58)	3.56
	9	12	12	12	45	1.71	2.03	2.03	2.03	7.8(3.5-10.1)	2.22(1.17-3.58)	3.51
9	12	12	14	47	1.63	1.93	1.93	2.41	7.9(3.5-10.1)	2.22(1.17-3.58)	3.56	
9	12	14	14	49	1.53	1.82	2.27	2.27	7.9(4.7-10.1)	2.22(1.27-3.58)	3.56	
12	12	12	12	48	2.00	2.00	2.00	2.00	8.0(3.5-10.1)	2.22(1.17-3.58)	3.60	

Note: *7: 7,000 Btu/h, 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
•Operating data under running indoor units are shown on the above table.
•3 or more indoor units should be connected.
•Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).
•Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)
•The Total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.

*1: Connection of ASAG18L + ARAG09L + ARAG09L + ARAG09L is not available. All types other than this combination can be connected.
*2: Connection of ASAG18L + ARAG12L + ARAG09L + ARAG09L is not available. All types other than this combination can be connected.

4-unit Multi-split heating

AOAG30LAT4	Combination of indoor unit					Heating Operation						COP (W/W)
						Heating Capacity					Input Power (Min.-Max.)	
	Unit 1	Unit 2	Unit 3	Unit 4	Total (Min.-Max.)	kW						
Unit 1	Unit 2	Unit 3	Unit 4	Total	kW	kW	kW	kW	kW	kW		
3-unit connection	7	7	7	-	21	2.70	2.70	2.70	-	8.1(1.8-8.8)	2.30(0.55-2.65)	3.52
	7	7	9	-	23	2.70	2.70	3.30	-	8.7(3.3-9.3)	2.60(0.90-2.85)	3.35
	7	7	12	-	26	2.70	2.70	3.80	-	9.2(3.3-9.7)	2.83(0.90-3.10)	3.25
	7	7	14	-	28	2.42	2.42	4.15	-	9.0(1.8-10.1)	2.66(0.58-3.53)	3.38
	7	7	18	-	32	2.27	2.27	4.86	-	9.4(3.3-11.2)	2.46(0.87-3.52)	3.82
	7	7	24	-	38	2.03	2.03	5.44	-	9.5(3.3-11.5)	2.47(0.87-3.52)	3.85
	7	9	9	-	25	2.70	3.30	3.30	-	9.3(3.3-9.7)	2.80(0.90-3.10)	3.32
	7	9	12	-	28	2.49	2.94	3.56	-	9.0(1.8-10.0)	2.69(0.58-3.51)	3.35
	7	9	14	-	30	2.33	2.75	4.00	-	9.1(3.3-10.2)	2.64(0.87-3.50)	3.45
	7	9	18	-	34	2.17	2.56	4.66	-	9.4(3.3-11.3)	2.45(0.87-3.50)	3.84
	7	9	24	-	40	1.98	2.33	5.29	-	9.6(3.3-11.5)	2.46(0.87-3.51)	3.90
	7	12	12	-	31	2.33	3.33	3.33	-	9.0(1.8-10.1)	2.66(0.58-3.48)	3.38
	7	12	14	-	33	2.22	3.17	3.80	-	9.2(3.3-10.3)	2.62(0.87-3.48)	3.51
	7	12	18	-	37	2.08	2.97	4.45	-	9.5(3.3-11.4)	2.44(0.87-3.47)	3.89
	7	12	24	-	43	1.88	2.69	5.03	-	9.6(3.3-11.7)	2.45(0.87-3.56)	3.92
	7	14	14	-	35	2.10	3.60	3.60	-	9.3(3.3-10.6)	2.59(0.87-3.48)	3.59
	7	14	18	-	39	1.96	3.35	4.19	-	9.5(3.7-11.5)	2.42(0.97-3.52)	3.93
	7	14	24	-	45	1.78	3.05	4.77	-	9.6(3.3-11.7)	2.45(0.87-3.56)	3.92
	7	18	18	-	43	1.82	3.89	3.89	-	9.6(3.7-12.0)	2.40(0.97-3.52)	4.00
	7	18	24	-	49	1.65	3.53	4.42	-	9.6(4.3-12.0)	2.40(1.12-3.52)	4.00
	9	9	9	-	27	3.00	3.00	3.00	-	9.0(3.3-10.0)	2.69(0.87-3.51)	3.35
	9	9	12	-	30	2.80	2.80	3.39	-	9.0(3.3-10.1)	2.67(0.87-3.48)	3.37
	9	9	14	-	32	2.66	2.66	3.87	-	9.2(3.3-10.3)	2.63(0.87-3.48)	3.50
	9	9	18	-	36	2.49	2.49	4.52	-	9.5(3.7-11.4)	2.44(0.97-3.48)	3.89
	9	9	24	-	42	2.25	2.25	5.11	-	9.6(3.7-11.7)	2.45(0.97-3.57)	3.92
	9	12	12	-	33	2.65	3.22	3.22	-	9.1(3.3-10.3)	2.65(0.87-3.52)	3.43
	9	12	14	-	35	2.53	3.07	3.69	-	9.3(3.3-10.5)	2.61(0.87-3.52)	3.56
	9	12	18	-	39	2.36	2.86	4.29	-	9.5(3.7-11.4)	2.43(0.97-3.47)	3.91
	9	12	24	-	45	2.14	2.59	4.86	-	9.6(3.7-11.8)	2.44(0.97-3.55)	3.93
	9	14	14	-	37	2.38	3.46	3.46	-	9.3(3.7-10.7)	2.58(0.97-3.46)	3.60
	9	14	18	-	41	2.22	3.23	4.04	-	9.5(3.7-11.6)	2.41(0.97-3.51)	3.94
	9	14	24	-	47	2.03	2.95	4.62	-	9.6(4.3-11.9)	2.42(1.12-3.57)	3.97
	9	18	18	-	45	2.07	3.76	3.76	-	9.6(4.3-12.0)	2.40(1.12-3.52)	4.00
	12	12	12	-	36	3.07	3.07	3.07	-	9.2(3.3-10.3)	2.63(0.87-3.49)	3.50
	12	12	14	-	38	2.91	2.91	3.49	-	9.3(3.3-10.6)	2.59(0.87-3.49)	3.59
	12	12	18	-	42	2.71	2.71	4.07	-	9.5(3.7-11.6)	2.42(0.97-3.52)	3.93
12	12	24	-	48	2.48	2.48	4.65	-	9.6(3.7-11.8)	2.43(0.97-3.54)	3.95	
12	14	14	-	40	2.76	3.32	3.32	-	9.4(3.7-10.8)	2.40(0.97-3.50)	3.92	
12	14	18	-	44	2.57	3.08	3.85	-	9.5(3.7-11.6)	2.40(0.97-3.49)	3.96	
12	18	18	-	48	2.40	3.60	3.60	-	9.6(4.3-12.0)	2.40(1.12-3.52)	4.00	
7	7	7	7	28	2.35	2.35	2.35	2.35	9.4(1.8-10.8)	2.58(0.58-3.47)	3.64	
7	7	7	9	30	2.27	2.27	2.27	2.68	9.5(1.8-10.9)	2.57(0.58-3.51)	3.70	
7	7	7	12	33	2.14	2.14	2.14	3.06	9.5(1.8-11.1)	2.56(0.58-3.55)	3.71	
7	7	7	14	35	2.04	2.04	2.04	3.49	9.6(3.3-11.3)	2.53(0.87-3.56)	3.79	
7	7	7	18	39	1.87	1.87	1.87	4.00	9.6(3.3-12.0)	2.40(0.87-3.56)	4.00	
7	7	7	9	32	2.18	2.18	2.57	2.57	9.5(3.3-10.9)	2.56(0.87-3.44)	3.71	
7	7	7	9	12	35	2.06	2.06	2.43	9.5(3.3-11.1)	2.55(0.87-3.54)	3.73	
7	7	7	9	14	37	1.96	1.96	2.31	9.6(3.3-11.4)	2.53(0.87-3.54)	3.79	
7	7	7	9	18	41	1.80	1.80	2.13	9.6(3.7-12.0)	2.40(0.97-3.55)	4.00	
7	7	7	12	12	38	1.98	1.98	2.82	9.6(3.3-11.3)	2.54(0.87-3.57)	3.78	
7	7	7	12	14	40	1.87	1.87	2.67	9.6(3.3-11.5)	2.51(0.87-3.58)	3.82	
7	7	7	12	18	44	1.72	1.72	2.46	9.6(3.7-12.0)	2.40(0.97-3.58)	4.00	
7	7	7	14	14	42	1.77	1.77	3.03	9.6(3.7-11.8)	2.49(0.97-3.58)	3.86	
7	7	7	14	18	46	1.64	1.64	2.81	9.6(3.7-12.0)	2.40(0.97-3.56)	4.00	
7	9	9	9	34	2.09	2.47	2.47	2.47	9.5(3.3-11.2)	2.55(0.87-3.54)	3.73	
7	9	9	9	12	37	2.01	2.36	2.36	9.6(3.3-11.3)	2.54(0.87-3.58)	3.78	
7	9	9	9	14	39	1.89	2.23	2.23	9.6(3.7-11.5)	2.52(0.97-3.58)	3.81	
7	9	9	9	18	43	1.75	2.06	2.06	9.6(3.7-12.0)	2.40(0.97-3.58)	4.00	
7	9	9	12	12	40	1.91	2.25	2.72	9.6(3.3-11.4)	2.53(0.87-3.58)	3.79	
7	9	9	12	14	42	1.80	2.13	2.58	9.6(3.7-11.6)	2.50(0.97-3.58)	3.84	
7	9	9	12	18	46	1.67	1.97	2.39	9.6(3.7-12.0)	2.40(0.97-3.58)	4.00	
7	9	9	14	14	44	1.71	2.02	2.94	9.6(3.7-11.8)	2.48(0.97-3.58)	3.87	
7	9	9	14	18	48	1.59	1.87	2.73	9.6(4.3-12.0)	2.40(1.12-3.58)	4.00	
7	12	12	12	43	1.81	2.59	2.59	2.59	9.6(3.3-11.5)	2.52(0.87-3.58)	3.81	
7	12	12	14	45	1.72	2.46	2.46	2.95	9.6(3.7-11.7)	2.49(0.97-3.58)	3.85	
7	12	12	18	49	1.60	2.29	2.29	3.43	9.6(3.7-12.0)	2.40(0.97-3.56)	4.00	
7	12	14	14	47	1.64	2.34	2.81	2.81	9.6(3.7-11.9)	2.47(0.97-3.58)	3.89	
9	9	9	9	36	2.40	2.40	2.40	2.40	9.6(3.7-11.3)	2.55(0.97-3.58)	3.76	
9	9	9	9	12	39	2.28	2.28	2.28	9.6(3.7-11.4)	2.53(0.97-3.58)	3.79	
9	9	9	14	41	2.16	2.16	2.16	3.14	9.6(3.7-11.6)	2.51(0.97-3.58)	3.82	
9	9	9	18	45*1	1.99	1.99	1.99	3.62	9.6(4.3-12.0)	2.40(1.12-3.58)	4.00	
9	9	9	12	12	42	2.17	2.17	2.63	9.6(3.7-11.5)	2.52(0.97-3.58)	3.81	
9	9	9	12	14	44	2.06	2.06	2.49	9.6(3.7-11.7)	2.50(0.97-3.58)	3.84	
9	9	9	12	18	48*2	1.91	1.91	2.31	9.6(4.3-12.0)	2.40(1.12-3.58)	4.00	
9	9	9	14	14	46	1.96	1.96	2.84	9.6(4.3-11.9)	2.48(1.12-3.58)	3.87	
9	12	12	12	45	2.07	2.51	2.51	2.51	9.6(3.7-11.6)	2.51(0.97-3.58)	3.82	
9	12	12	14	47	1.97	2.39	2.39	2.87	9.6(3.7-11.8)	2.49(0.97-3.58)	3.86	
9	12	14	14	49	1.87	2.27	2.73	2.73	9.6(4.3-11.9)	2.46(1.12-3.58)	3.90	
12	12	12	12	48	2.40	2.40	2.40	2.40	9.6(3.7-11.6)	2.50(0.97-3.58)	3.84	



5-unit Multi-split Combination Table-Cooling

5-unit Multi-split cooling

AOYG36KBTAS	Combination of Indoor Units					Cooling Operation										Seasonal Data			
						Cooling Capacity					Total Capacity (Min. - Max.)	Input Power (Min. - Max.)	EER	Pdesign					
						Unit 1	Unit 2	Unit 3	Unit 4	Unit 5					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	5.81	-	-	-	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++				
3-unit connection	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++				
4-unit connection	7	7	7	7	-	2.00	2.00	2.00	2.00	-	8.00 (3.0-10.7)	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)								



5-unit Multi-split Combination Table-Heating

5-unit Multi-split heating

AOYG36K8TA5	Combination of Indoor Units					Heating Operation										Seasonal Data			
						Heating Capacity					Input Power (Min. - Max.)	COP							
						Unit 1 kW	Unit 2 kW	Unit 3 kW	Unit 4 kW	Unit 5 kW			Total Capacity (Min. - Max.) kW	kW					
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	22	-	-	-	4.12	6.48	-	-	-	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+			
3-unit connection	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	-	-	2.40	4.10	4.10	-	-	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	-	-	2.90	3.85	3.85	-	-	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	3.37	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	-	-	2.85	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+				
4-unit connection	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	-	10.6								

5-unit Multi-split Combination Table-Cooling

5-unit Multi-split cooling

AOYG36LBLA5	Combination of indoor unit					Cooling Operation						Input Power (Min.-Max.)	EER (W/W)
						Cooling Capacity					Total (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	kW	kW	kW	kW	kW	kW	kW	kW
2-unit connection	7	24	-	-	-	2.00	7.00	-	-	-	9.0 (3.5-11.1)	2.31 (0.8-3.29)	3.89
	9	24	-	-	-	2.50	7.00	-	-	-	9.5 (3.5-11.8)	2.53 (0.8-3.59)	3.75
	12	24	-	-	-	3.33	6.67	-	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	14	24	-	-	-	3.68	6.32	-	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	18	18	-	-	-	5.00	5.00	-	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	18	24	-	-	-	4.29	5.71	-	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.58
	24	24	-	-	-	5.00	5.00	-	-	-	10.0 (3.5-12.5)	2.78 (0.8-3.88)	3.60
	7	7	14	-	-	2.00	2.00	4.00	-	-	8.0 (3.5-10.0)	1.90 (0.8-2.85)	4.21
	7	7	18	-	-	2.00	2.00	5.00	-	-	9.0 (3.5-11.4)	2.32 (0.8-3.44)	3.88
	7	7	24	-	-	1.84	1.84	6.32	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
3-unit connection	7	9	12	-	-	2.00	2.50	3.50	-	-	8.0 (3.5-10.0)	1.90 (0.8-2.85)	4.21
	7	9	14	-	-	2.00	2.50	4.00	-	-	8.5 (3.5-10.7)	2.10 (0.8-3.15)	4.05
	7	9	18	-	-	2.00	2.50	5.00	-	-	9.5 (3.5-12.1)	2.55 (0.8-3.74)	3.72
	7	9	24	-	-	1.75	2.25	6.00	-	-	10.0 (3.5-12.5)	2.80 (0.8-3.88)	3.57
	7	12	12	-	-	2.00	3.50	3.50	-	-	9.0 (3.5-11.1)	2.27 (0.8-3.29)	3.97
	7	12	14	-	-	2.00	3.50	4.00	-	-	9.5 (3.5-11.8)	2.50 (0.8-3.59)	3.80
	7	12	18	-	-	1.89	3.24	4.87	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	7	12	24	-	-	1.63	2.79	5.58	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.59
	7	14	14	-	-	2.00	4.00	4.00	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	7	14	18	-	-	1.79	3.59	4.62	-	-	10.0 (3.5-12.5)	2.80 (0.8-3.88)	3.57
4-unit connection	7	14	24	-	-	1.56	3.11	5.33	-	-	10.0 (3.5-12.5)	2.78 (0.8-3.88)	3.60
	7	18	18	-	-	1.62	4.19	4.19	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.59
	7	18	24	-	-	1.43	3.67	4.90	-	-	10.0 (3.5-12.5)	2.77 (0.8-3.88)	3.61
	9	9	9	-	-	2.50	2.50	2.50	-	-	7.5 (3.5-9.6)	1.74 (0.8-2.70)	4.30
	9	9	12	-	-	2.50	2.50	3.50	-	-	8.5 (3.5-10.7)	2.10 (0.8-3.15)	4.05
	9	9	14	-	-	2.50	2.50	4.00	-	-	9.0 (3.5-11.4)	2.32 (0.8-3.44)	3.88
	9	9	18	-	-	2.50	2.50	5.00	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	9	9	24	-	-	2.14	2.14	5.72	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.58
	9	12	12	-	-	2.50	3.50	3.50	-	-	9.5 (3.5-11.8)	2.50 (0.8-3.59)	3.80
	9	12	14	-	-	2.50	3.50	4.00	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
5-unit connection	9	12	18	-	-	2.31	3.08	4.61	-	-	10.0 (3.5-12.5)	2.80 (0.8-3.88)	3.57
	9	12	24	-	-	2.00	2.67	5.33	-	-	10.0 (3.5-12.5)	2.78 (0.8-3.88)	3.60
	9	14	14	-	-	2.44	3.78	3.78	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	9	14	18	-	-	2.20	3.41	4.39	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.58
	9	14	24	-	-	1.91	2.98	5.11	-	-	10.0 (3.5-12.5)	2.78 (0.8-3.88)	3.60
	9	18	18	-	-	2.00	4.00	4.00	-	-	10.0 (3.5-12.5)	2.78 (0.8-3.88)	3.60
	9	18	24	-	-	1.76	3.53	4.71	-	-	10.0 (3.5-12.5)	2.76 (0.8-3.88)	3.62
	12	12	12	-	-	3.33	3.33	3.33	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	12	12	14	-	-	3.16	3.16	3.68	-	-	10.0 (3.5-12.5)	2.81 (0.8-3.88)	3.56
	12	12	18	-	-	2.86	2.86	4.28	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.58
6-unit connection	12	12	24	-	-	2.50	2.50	5.00	-	-	10.0 (3.5-12.5)	2.77 (0.8-3.88)	3.61
	12	14	14	-	-	3.00	3.50	3.50	-	-	10.0 (3.5-12.5)	2.80 (0.8-3.88)	3.57
	12	14	18	-	-	2.73	3.18	4.09	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.59
	12	14	24	-	-	2.40	2.80	4.80	-	-	10.0 (3.5-12.5)	2.76 (0.8-3.88)	3.62
	12	18	18	-	-	2.50	3.75	3.75	-	-	10.0 (3.5-12.5)	2.77 (0.8-3.88)	3.61
	12	18	24	-	-	2.22	3.33	4.45	-	-	10.0 (3.5-12.5)	2.75 (0.8-3.88)	3.64
	14	14	14	-	-	3.33	3.33	3.33	-	-	10.0 (3.5-12.5)	2.79 (0.8-3.88)	3.58
	14	14	18	-	-	3.04	3.04	3.92	-	-	10.0 (3.5-12.5)	2.78 (0.8-3.88)	3.60
	14	14	24	-	-	2.69	2.69	4.62	-	-	10.0 (3.5-12.5)	2.75 (0.8-3.88)	3.63
	14	18	18	-	-	2.80	3.60	3.60	-	-	10.0 (3.5-12.5)	2.76 (0.8-3.88)	3.62
7-unit connection	18	18	18	-	-	3.33	3.33	3.33	-	-	10.0 (3.5-12.5)	2.75 (0.8-3.88)	3.64
	7	7	7	7	-	2.00	2.00	2.00	2.00	-	8.0 (3.5-10.0)	1.84 (0.8-2.85)	4.34
	7	7	7	9	-	2.00	2.00	2.00	2.50	-	8.5 (3.5-10.7)	2.00 (0.8-3.15)	4.25
	7	7	7	12	-	2.00	2.00	2.00	3.50	-	9.5 (3.5-11.8)	2.32 (0.8-3.59)	4.10
	7	7	7	14	-	2.00	2.00	2.00	4.00	-	10.0 (3.5-12.5)	2.50 (0.8-3.88)	4.00
	7	7	7	18	-	1.79	1.79	1.79	4.63	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.01
	7	7	7	24	-	1.56	1.56	1.56	5.32	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05
	7	7	9	9	-	2.00	2.00	2.50	2.50	-	9.0 (3.5-11.4)	2.17 (0.8-3.44)	4.15
	7	7	9	12	-	2.00	2.00	2.50	3.50	-	10.0 (3.5-12.5)	2.50 (0.8-3.88)	4.00
	7	7	9	14	-	1.89	1.89	2.43	3.79	-	10.0 (3.5-12.5)	2.50 (0.8-3.88)	4.00
8-unit connection	7	7	9	18	-	1.71	1.71	2.20	4.38	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.02
	7	7	9	24	-	1.49	1.49	1.91	5.11	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.06
	7	7	12	12	-	1.84	1.84	3.16	3.16	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.01
	7	7	12	14	-	1.75	1.75	3.00	3.50	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.02
	7	7	12	18	-	1.59	1.59	2.73	4.09	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.04
	7	7	12	24	-	1.40	1.40	2.40	4.80	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07
	7	7	14	14	-	1.67	1.67	3.33	3.33	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.03
	7	7	14	18	-	1.52	1.52	3.04	3.92	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05
	7	7	14	24	-	1.35	1.35	2.69	4.61	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08
	7	7	18	18	-	1.40	1.40	3.60	3.60	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07
9-unit connection	7	9	9	9	-	2.00	2.50	2.50	2.50	-	9.5 (3.5-12.1)	2.35 (0.8-3.74)	4.05
	7	9	9	12	-	1.89	2.43	2.43	3.25	-	10.0 (3.5-12.5)	2.50 (0.8-3.88)	4.00
	7	9	9	14	-	1.79	2.31	2.31	3.59	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.01
	7	9	9	18	-	1.63	2.09	2.09	4.19	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.03
	7	9	9	24	-	1.43	1.84	1.84	4.89	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07
	7	9	12	12	-	1.75	2.25	3.00	3.00	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.02
	7	9	12	14	-	1.67	2.14	2.86	3.33	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.03
	7	9	12	18	-	1.52	1.96	2.61	3.91	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05
	7	9	12	24	-	1.35	1.73	2.31	4.61	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08
	7	9	14	14	-	1.59	2.05	3.18	3.18	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.04
10-unit connection	7	9	14	18	-	1.46	1.88	2.92	3.74	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.06
	7	9	14	24	-	1.30	1.67	2.59	4.44	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10
	7	9	18	18	-	1.35	1.73	3.46	3.46	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08
	7	12	12	12	-	1.63	2.79	2.79	2.79	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.03
	7	12	12	14	-	1.56	2.67	2.67	3.10	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05
	7	12	12	18	-	1.43	2.45	2.45	3.67	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07
	7	12	14	14	-	1.49	2.55	2.98	2.98	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.06
	7	12	14	18	-	1.37	2.35	2.75	3.53	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08
	7	14	14	14	-	1.42	2.86	2.86	2.86	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07
	7	14	14	18	-	1.32	2.64	2.64	3.40	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.09

AOYG36LBLA5	Combination of indoor unit					Cooling Operation							Input Power (Min.-Max.)	EER (W/W)
						Cooling Capacity								
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Total (Min.-Max.)	kW							
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	kW	kW	kW	kW	kW	kW	kW			
4-unit connection	9	9	9	9	-	2.50	2.50	2.50	2.50	-	10.0 (3.5-12.5)	2.50 (0.8-3.88)	4.00	
	9	9	9	12	-	2.31	2.31	2.31	3.07	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.01	
	9	9	9	14	-	2.20	2.20	2.20	3.40	-	10.0 (3.5-12.5)	2.49 (0.8-3.88)	4.02	
	9	9	9	18	-	2.00	2.00	2.00	4.00	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05	
	9	9	9	24	-	1.76	1.76	1.76	4.72	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08	
	9	9	12	12	-	2.14	2.14	2.86	2.86	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.03	
	9	9	12	14	-	2.05	2.05	2.73	3.17	-	10.0 (3.5-12.5)	2.48 (0.8-3.88)	4.04	
	9	9	12	18	-	1.88	1.88	2.50	3.74	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.06	
	9	9	12	24	-	1.67	1.67	2.22	4.44	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10	
	9	9	14	14	-	1.96	1.96	3.04	3.04	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05	
	9	9	14	18	-	1.80	1.80	2.80	3.60	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07	
	9	9	18	18	-	1.67	1.67	3.33	3.33	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10	
	9	12	12	12	-	1.99	2.67	2.67	2.67	-	10.0 (3.5-12.5)	2.47 (0.8-3.88)	4.05	
	9	12	12	14	-	1.91	2.55	2.55	2.99	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.06	
	9	12	12	18	-	1.76	2.35	2.35	3.54	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08	
	9	12	14	14	-	1.83	2.45	2.86	2.86	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07	
	9	12	14	18	-	1.70	2.26	2.64	3.40	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.09	
	9	14	14	14	-	1.75	2.75	2.75	2.75	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08	
	12	12	12	12	-	2.50	2.50	2.50	2.50	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.06	
	12	12	12	14	-	2.40	2.40	2.40	2.80	-	10.0 (3.5-12.5)	2.46 (0.8-3.88)	4.07	
12	12	12	18	-	2.22	2.22	2.22	3.34	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10		
12	12	14	14	-	2.31	2.31	2.69	2.69	-	10.0 (3.5-12.5)	2.45 (0.8-3.88)	4.08		
12	14	14	14	-	2.23	2.59	2.59	2.59	-	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10		
5-unit connection	7	7	7	7	7	2.00	2.00	2.00	2.00	2.00	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10	
	7	7	7	7	9	1.89	1.89	1.89	1.89	2.44	10.0 (3.5-12.5)	2.44 (0.8-3.88)	4.10	
	7	7	7	7	12	1.75	1.75	1.75	1.75	3.00	10.0 (3.5-12.5)	2.43 (0.8-3.88)	4.11	
	7	7	7	7	14	1.67	1.67	1.67	1.67	3.32	10.0 (3.5-12.5)	2.42 (0.8-3.88)	4.13	
	7	7	7	7	18	1.52	1.52	1.52	1.52	3.92	10.0 (3.5-12.5)	2.41 (0.8-3.88)	4.15	
	7	7	7	7	24	1.35	1.35	1.35	1.35	4.60	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	7	7	7	9	9	1.79	1.79	1.79	2.31	2.31	10.0 (3.5-12.5)	2.43 (0.8-3.88)	4.11	
	7	7	7	9	12	1.67	1.67	1.67	2.14	2.85	10.0 (3.5-12.5)	2.42 (0.8-3.88)	4.13	
	7	7	7	9	14	1.59	1.59	1.59	2.05	3.18	10.0 (3.5-12.5)	2.42 (0.8-3.88)	4.14	
	7	7	7	9	18	1.46	1.46	1.46	1.88	3.74	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.17	
	7	7	7	9	24	1.30	1.30	1.30	1.67	4.43	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.21	
	7	7	7	12	12	1.56	1.56	1.56	2.66	2.66	10.0 (3.5-12.5)	2.41 (0.8-3.88)	4.15	
	7	7	7	12	14	1.49	1.49	1.49	2.55	2.98	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.16	
	7	7	7	12	18	1.37	1.37	1.37	2.35	3.54	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	7	7	7	14	14	1.43	1.43	1.43	2.86	2.86	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.17	
	7	7	7	14	18	1.32	1.32	1.32	2.64	3.40	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.20	
	7	7	9	9	9	1.70	1.70	2.20	2.20	2.20	10.0 (3.5-12.5)	2.43 (0.8-3.88)	4.12	
	7	7	9	9	12	1.59	1.59	2.05	2.05	2.72	10.0 (3.5-12.5)	2.42 (0.8-3.88)	4.14	
	7	7	9	9	14	1.52	1.52	1.96	1.96	3.04	10.0 (3.5-12.5)	2.41 (0.8-3.88)	4.15	
	7	7	9	9	18	1.40	1.40	1.80	1.80	3.60	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.18	
	7	7	9	12	12	1.49	1.49	1.92	2.55	2.55	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.16	
	7	7	9	12	14	1.43	1.43	1.84	2.45	2.85	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.17	
	7	7	9	12	18	1.32	1.32	1.70	2.26	3.40	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.20	
	7	7	9	14	14	1.37	1.37	1.76	2.75	2.75	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	7	7	12	12	12	1.40	1.40	2.40	2.40	2.40	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.18	
	7	7	12	12	14	1.35	1.35	2.31	2.31	2.68	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	7	7	12	14	14	1.30	1.30	2.22	2.59	2.59	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.21	
	7	9	9	9	9	1.64	2.09	2.09	2.09	2.09	10.0 (3.5-12.5)	2.42 (0.8-3.88)	4.13	
	7	9	9	9	12	1.52	1.96	1.96	1.96	2.60	10.0 (3.5-12.5)	2.41 (0.8-3.88)	4.15	
	7	9	9	9	14	1.46	1.88	1.88	1.88	2.90	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.17	
	7	9	9	9	18	1.35	1.73	1.73	1.73	3.46	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	7	9	9	12	12	1.42	1.84	1.84	2.45	2.45	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.17	
	7	9	9	12	14	1.37	1.76	1.76	2.35	2.76	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	7	9	9	14	14	1.32	1.70	1.70	2.64	2.64	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.20	
	7	9	12	12	12	1.34	1.73	2.31	2.31	2.31	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19	
	9	9	12	12	14	1.30	1.67	2.22	2.22	2.59	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.21	
	9	9	9	9	9	2.00	2.00	2.00	2.00	2.00	10.0 (3.5-12.5)	2.41 (0.8-3.88)	4.15	
	9	9	9	9	12	1.88	1.88	1.88	1.88	2.48	10.0 (3.5-12.5)	2.40 (0.8-3.88)	4.17	
	9	9	9	9	14	1.80	1.80	1.80	1.80	2.80	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.18	
	9	9	9	9	18	1.67	1.67	1.67	1.67	3.32	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.21	
9	9	9	12	12	1.76	1.76	1.76	2.36	2.36	10.0 (3.5-12.5)	2.39 (0.8-3.88)	4.19		
9	9	9	12	14	1.70	1.70	1.70	2.26	2.64	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.20		
9	9	12	12	12	1.67	1.67	2.22	2.22	2.22	10.0 (3.5-12.5)	2.38 (0.8-3.88)	4.21		

5-unit Multi-split Combination Table-Heating

5-unit Multi-split heating

AOYG36LBLA5	Combination of indoor unit					Heating Operation							COP (W/W)
						Heating Capacity					Input Power (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Total (Min.-Max.)	kW						
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	kW	kW	kW	kW	kW	kW	kW		
2-unit connection	7	24	-	-	-	2.40	8.40	-	-	-	10.8 (3.5-12.4)	2.97 (0.7-3.34)	3.64
	9	24	-	-	-	3.00	8.40	-	-	-	11.4 (3.5-13.2)	3.15 (0.7-3.58)	3.62
	12	24	-	-	-	4.00	8.00	-	-	-	12.0 (3.5-14.0)	3.34 (0.7-3.82)	3.59
	14	24	-	-	-	4.42	7.58	-	-	-	12.0 (3.5-14.0)	3.33 (0.7-3.82)	3.60
	18	18	-	-	-	6.00	6.00	-	-	-	12.0 (3.5-14.0)	3.34 (0.7-3.82)	3.59
	18	24	-	-	-	5.14	6.86	-	-	-	12.0 (3.5-14.0)	3.32 (0.7-3.82)	3.61
3-unit connection	24	24	-	-	-	6.00	6.00	-	-	-	12.0 (3.5-14.0)	3.31 (0.7-3.82)	3.62
	7	7	14	-	-	2.40	2.40	4.80	-	-	9.6 (3.5-11.2)	2.45 (0.7-2.98)	3.92
	7	7	18	-	-	2.40	2.40	6.00	-	-	10.8 (3.5-12.8)	2.80 (0.7-3.46)	3.86
	7	7	24	-	-	2.21	2.21	7.58	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	7	9	12	-	-	2.40	3.00	4.20	-	-	9.6 (3.5-11.2)	2.45 (0.7-2.98)	3.92
	7	9	14	-	-	2.40	3.00	4.80	-	-	10.2 (3.5-12.0)	2.63 (0.7-3.22)	3.88
	7	9	18	-	-	2.40	3.00	6.00	-	-	11.4 (3.5-13.6)	2.97 (0.7-3.70)	3.84
	7	9	24	-	-	2.10	2.70	7.20	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	7	12	12	-	-	2.40	4.20	4.20	-	-	10.8 (3.5-12.4)	2.79 (0.7-3.34)	3.87
	7	12	14	-	-	2.40	4.20	4.80	-	-	11.4 (3.5-13.2)	2.96 (0.7-3.58)	3.85
	7	12	18	-	-	2.27	3.89	5.84	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	7	12	24	-	-	1.95	3.35	6.70	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	7	14	14	-	-	2.40	4.80	4.80	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	7	14	18	-	-	2.15	4.31	5.54	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	7	14	24	-	-	1.87	3.73	6.40	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	7	18	18	-	-	1.96	5.02	5.02	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	7	18	24	-	-	1.71	4.41	5.88	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	9	9	9	-	-	3.00	3.00	3.00	-	-	9.0 (3.5-10.8)	2.29 (0.7-2.86)	3.93
	9	9	12	-	-	3.00	3.00	4.20	-	-	10.2 (3.5-12.0)	2.63 (0.7-3.22)	3.88
	9	9	14	-	-	3.00	3.00	4.80	-	-	10.8 (3.5-12.8)	2.80 (0.7-3.46)	3.86
	9	9	18	-	-	3.00	3.00	6.00	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	9	9	24	-	-	2.57	2.57	6.86	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	9	12	12	-	-	3.00	4.20	4.20	-	-	11.4 (3.5-13.2)	2.96 (0.7-3.58)	3.85
	9	12	14	-	-	3.00	4.20	4.80	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	9	12	18	-	-	2.77	3.69	5.54	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	9	12	24	-	-	2.40	3.20	6.40	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	9	14	14	-	-	2.92	4.54	4.54	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	9	14	18	-	-	2.63	4.10	5.27	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	9	14	24	-	-	2.30	3.57	6.13	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	9	18	18	-	-	2.40	4.80	4.80	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	9	18	24	-	-	2.12	4.24	5.64	-	-	12.0 (3.5-14.0)	3.12 (0.7-3.82)	3.85
	12	12	12	-	-	4.00	4.00	4.00	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	12	12	14	-	-	3.79	3.79	4.42	-	-	12.0 (3.5-14.0)	3.14 (0.7-3.82)	3.82
	12	12	18	-	-	3.43	3.43	5.14	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	12	12	24	-	-	3.00	3.00	6.00	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	12	14	14	-	-	3.60	4.20	4.20	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	12	14	18	-	-	3.27	3.82	4.91	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
	12	14	24	-	-	2.88	3.36	5.76	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	12	18	18	-	-	3.00	4.50	4.50	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84
	12	18	24	-	-	2.67	4.00	5.33	-	-	12.0 (3.5-14.0)	3.12 (0.7-3.82)	3.85
	14	14	14	-	-	4.00	4.00	4.00	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.83
14	14	18	-	-	3.65	3.65	4.70	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84	
14	14	24	-	-	3.23	3.23	5.54	-	-	12.0 (3.5-14.0)	3.12 (0.7-3.82)	3.85	
14	18	18	-	-	3.36	4.32	4.32	-	-	12.0 (3.5-14.0)	3.13 (0.7-3.82)	3.84	
18	18	18	-	-	4.00	4.00	4.00	-	-	12.0 (3.5-14.0)	3.12 (0.7-3.82)	3.85	
4-unit connection	7	7	7	7	-	2.40	2.40	2.40	2.40	-	9.6 (3.5-11.2)	2.31 (0.7-2.98)	4.16
	7	7	7	9	-	2.40	2.40	2.40	3.00	-	10.2 (3.5-12.0)	2.47 (0.7-3.22)	4.13
	7	7	7	12	-	2.40	2.40	2.40	4.20	-	11.4 (3.5-13.2)	2.79 (0.7-3.58)	4.09
	7	7	7	14	-	2.40	2.40	2.40	4.80	-	12.0 (3.5-14.0)	2.95 (0.7-3.82)	4.07
	7	7	7	18	-	2.15	2.15	2.15	5.55	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	7	7	7	24	-	1.87	1.87	1.87	6.39	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	7	9	9	-	2.40	2.40	3.00	3.00	-	10.8 (3.5-12.8)	2.64 (0.7-3.46)	4.09
	7	7	9	12	-	2.40	2.40	3.00	4.20	-	12.0 (3.5-14.0)	2.95 (0.7-3.82)	4.07
	7	7	9	14	-	2.27	2.27	2.92	4.54	-	12.0 (3.5-14.0)	2.95 (0.7-3.82)	4.07
	7	7	9	18	-	2.05	2.05	2.63	5.27	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	7	7	9	24	-	1.79	1.79	2.30	6.12	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	7	12	12	-	2.21	2.21	3.79	3.79	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	7	7	12	14	-	2.10	2.10	3.60	4.20	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	7	7	12	18	-	1.91	1.91	3.27	4.91	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	7	7	12	24	-	1.68	1.68	2.88	5.76	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	7	14	14	-	2.00	2.00	4.00	4.00	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	7	7	14	18	-	1.83	1.83	3.65	4.69	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	7	14	24	-	1.62	1.62	3.23	5.53	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	7	18	18	-	1.68	1.68	4.32	4.32	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	9	9	9	-	2.40	3.00	3.00	3.00	-	11.4 (3.5-13.6)	2.80 (0.7-3.70)	4.07
	7	9	9	12	-	2.27	2.92	2.92	3.89	-	12.0 (3.5-14.0)	2.95 (0.7-3.82)	4.07
	7	9	9	14	-	2.15	2.77	2.77	4.31	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	7	9	9	18	-	1.95	2.51	2.51	5.03	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	7	9	9	24	-	1.71	2.20	2.20	5.89	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	9	12	12	-	2.10	2.70	3.60	3.60	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	7	9	12	14	-	2.00	2.57	3.43	4.00	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	7	9	12	18	-	1.83	2.35	3.13	4.69	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	9	12	24	-	1.62	2.08	2.77	5.53	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	9	14	14	-	1.91	2.45	3.82	3.82	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	7	9	14	18	-	1.75	2.25	3.50	4.50	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	9	14	24	-	1.56	2.00	3.11	5.33	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12
	7	9	18	18	-	1.62	2.08	4.15	4.15	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	12	12	12	-	1.95	3.35	3.35	3.35	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	7	12	12	14	-	1.87	3.20	3.20	3.73	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	12	12	18	-	1.71	2.94	2.94	4.41	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	12	14	14	-	1.80	3.06	3.57	3.57	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	7	12	14	18	-	1.65	2.82	3.29	4.24	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	14	14	14	-	1.71	3.43	3.43	3.43	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	7	14	14	18	-	1.58	3.17	3.17	4.08	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12

AOYG36LBLA5	Combination of indoor unit					Heating Operation							COP (W/W)
						Heating Capacity					Input Power (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Total (Min.-Max.)	kW						
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	kW	kW	kW	kW	kW	kW	kW		
4-unit connection	9	9	9	9	-	3.00	3.00	3.00	3.00	-	12.0 (3.5-14.0)	2.95 (0.7-3.82)	4.07
	9	9	9	12	-	2.77	2.77	2.77	3.69	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	9	9	9	14	-	2.63	2.63	2.63	4.11	-	12.0 (3.5-14.0)	2.94 (0.7-3.82)	4.08
	9	9	9	18	-	2.40	2.40	2.40	4.80	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	9	9	9	24	-	2.12	2.12	2.12	5.64	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	9	9	12	12	-	2.57	2.57	3.43	3.43	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	9	9	12	14	-	2.45	2.45	3.27	3.83	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.09
	9	9	12	18	-	2.25	2.25	3.00	4.50	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	9	9	12	24	-	2.00	2.00	2.67	5.33	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12
	9	9	14	14	-	2.35	2.35	3.65	3.65	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	9	9	14	18	-	2.16	2.16	3.36	4.32	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	9	9	18	18	-	2.00	2.00	4.00	4.00	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12
	9	12	12	12	-	2.40	3.20	3.20	3.20	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	9	12	12	14	-	2.30	3.06	3.06	3.58	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	9	12	12	18	-	2.12	2.82	2.82	4.24	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	9	12	14	14	-	2.20	2.94	3.43	3.43	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	9	12	14	18	-	2.04	2.72	3.17	4.07	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12
	9	14	14	14	-	2.13	3.29	3.29	3.29	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
	12	12	12	12	-	3.00	3.00	3.00	3.00	-	12.0 (3.5-14.0)	2.93 (0.7-3.82)	4.10
	12	12	12	14	-	2.88	2.88	3.36	3.36	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11
12	12	12	18	-	2.67	2.67	2.67	3.99	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12	
12	12	14	14	-	2.77	2.77	3.23	3.23	-	12.0 (3.5-14.0)	2.92 (0.7-3.82)	4.11	
12	14	14	14	-	2.67	3.11	3.11	3.11	-	12.0 (3.5-14.0)	2.91 (0.7-3.82)	4.12	
5-unit connection	7	7	7	7	7	2.40	2.40	2.40	2.40	2.40	12.0 (3.5-14.0)	2.79 (0.7-3.82)	4.30
	7	7	7	7	9	2.27	2.27	2.27	2.27	2.92	12.0 (3.5-14.0)	2.79 (0.7-3.82)	4.30
	7	7	7	7	12	2.10	2.10	2.10	2.10	3.60	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.31
	7	7	7	7	14	2.00	2.00	2.00	2.00	4.00	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.32
	7	7	7	7	18	1.83	1.83	1.83	1.83	4.68	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	7	7	7	24	1.62	1.62	1.62	1.62	5.52	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	7	9	9	2.15	2.15	2.15	2.77	2.77	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.31
	7	7	7	9	12	2.00	2.00	2.00	2.57	3.43	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.32
	7	7	7	9	14	1.91	1.91	1.91	2.45	3.82	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.32
	7	7	7	9	18	1.75	1.75	1.75	2.25	4.50	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	7	7	9	24	1.56	1.56	1.56	2.00	5.32	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
	7	7	7	12	12	1.87	1.87	1.87	3.20	3.20	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	7	7	12	14	1.79	1.79	1.79	3.06	3.57	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	7	7	12	18	1.65	1.65	1.65	2.82	4.23	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	7	14	14	1.71	1.71	1.71	3.43	3.43	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	7	14	18	1.58	1.58	1.58	3.17	4.09	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
	7	7	9	9	9	2.05	2.05	2.63	2.63	2.63	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.31
	7	7	9	9	12	1.91	1.91	2.45	2.45	3.28	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.32
	7	7	9	9	14	1.83	1.83	2.35	2.35	3.64	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	7	9	9	18	1.68	1.68	2.16	2.16	4.32	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	9	12	12	1.79	1.79	2.30	3.06	3.06	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	7	9	12	14	1.71	1.71	2.20	2.94	3.44	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	9	12	18	1.58	1.58	2.04	2.72	4.08	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
	7	7	9	14	14	1.65	1.65	2.12	3.29	3.29	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	12	12	12	1.68	1.68	2.88	2.88	2.88	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	12	12	14	1.62	1.62	2.77	2.77	3.22	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	7	12	14	14	1.56	1.56	2.66	3.11	3.11	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
	7	9	9	9	9	1.96	2.51	2.51	2.51	2.51	12.0 (3.5-14.0)	2.78 (0.7-3.82)	4.32
	7	9	9	9	12	1.83	2.35	2.35	2.35	3.12	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	9	9	9	14	1.75	2.25	2.25	2.25	3.50	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	7	9	9	9	18	1.62	2.08	2.08	2.08	4.14	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	9	9	12	12	1.72	2.20	2.20	2.94	2.94	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	9	9	12	14	1.65	2.12	2.12	2.82	3.29	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	9	9	14	14	1.58	2.04	2.04	3.17	3.17	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
	7	9	12	12	12	1.61	2.08	2.77	2.77	2.77	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	7	9	12	12	14	1.56	2.00	2.67	2.67	3.10	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
	9	9	9	9	9	2.40	2.40	2.40	2.40	2.40	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	9	9	9	9	12	2.25	2.25	2.25	2.25	3.00	12.0 (3.5-14.0)	2.77 (0.7-3.82)	4.33
	9	9	9	9	14	2.16	2.16	2.16	2.16	3.36	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34
	9	9	9	9	18	2.00	2.00	2.00	2.00	4.00	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35
9	9	9	12	12	2.12	2.12	2.12	2.82	2.82	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.34	
9	9	9	12	14	2.04	2.04	2.04	2.72	3.16	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35	
9	9	12	12	12	2.00	2.00	2.67	2.67	2.67	12.0 (3.5-14.0)	2.76 (0.7-3.82)	4.35	

6-unit Multi-split Combination Table-Cooling

6-unit Multi-split cooling

AOYG45LBA6	Combination of indoor unit						Cooling Operation								EER (W/W)
							Cooling Capacity						Input Power (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Total (Min.-Max.)	kW							
2-unit connection	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	kW	kW	kW	kW	kW	kW	kW		
	12	24	-	-	-	-	3.50	7.00	-	-	-	10.5 (3.5-11.5)	3.06 (0.8-3.32)	3.43	
	14	24	-	-	-	-	4.00	7.00	-	-	-	11.0 (3.5-12.1)	3.28 (0.8-3.70)	3.35	
	18	18	-	-	-	-	5.00	5.00	-	-	-	10.0 (3.5-11.5)	2.92 (0.8-3.32)	3.42	
	18	24	-	-	-	-	5.00	7.00	-	-	-	12.0 (3.5-13.4)	3.75 (0.8-4.46)	3.20	
	24	24	-	-	-	-	6.25	6.25	-	-	-	12.5 (3.5-14.0)	4.01 (0.8-4.84)	3.12	
3-unit connection	7	7	24	-	-	-	2.00	2.00	7.00	-	-	-	11.0 (3.5-12.1)	3.19 (0.8-3.70)	3.45
	7	9	18	-	-	-	2.00	2.50	5.00	-	-	-	9.5 (3.5-10.8)	2.55 (0.8-2.93)	3.73
	7	9	24	-	-	-	2.00	2.50	7.00	-	-	-	11.5 (3.5-12.7)	3.41 (0.8-4.08)	3.37
	7	12	18	-	-	-	2.00	3.50	5.00	-	-	-	10.5 (3.5-11.8)	3.02 (0.8-3.51)	3.48
	7	12	24	-	-	-	2.00	3.50	6.90	-	-	-	12.4 (3.5-13.7)	3.82 (0.8-4.65)	3.25
	7	14	14	-	-	-	2.00	4.00	4.00	-	-	-	10.0 (3.5-11.1)	2.81 (0.8-3.13)	3.56
	7	14	18	-	-	-	2.00	4.00	5.00	-	-	-	11.0 (3.5-12.4)	3.23 (0.8-3.89)	3.41
	7	14	24	-	-	-	1.94	3.89	6.67	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	7	18	18	-	-	-	2.00	5.00	5.00	-	-	-	12.0 (3.5-13.7)	3.69 (0.8-4.65)	3.25
	7	18	24	-	-	-	1.79	4.59	6.12	-	-	-	12.5 (3.5-14.0)	3.87 (0.8-4.84)	3.23
	7	24	24	-	-	-	1.60	5.45	5.45	-	-	-	12.5 (3.5-14.0)	3.83 (0.8-4.84)	3.26
	9	9	18	-	-	-	2.50	2.50	5.00	-	-	-	10.0 (3.5-11.5)	2.84 (0.8-3.32)	3.52
	9	9	24	-	-	-	2.50	2.50	7.00	-	-	-	12.0 (3.5-13.4)	3.65 (0.8-4.46)	3.29
	9	12	14	-	-	-	2.50	3.50	4.00	-	-	-	10.0 (3.5-11.1)	2.81 (0.8-3.13)	3.56
	9	12	18	-	-	-	2.50	3.50	5.00	-	-	-	11.0 (3.5-12.4)	3.23 (0.8-3.89)	3.41
	9	12	24	-	-	-	2.50	3.33	6.67	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	9	14	14	-	-	-	2.50	4.00	4.00	-	-	-	10.5 (3.5-11.8)	3.02 (0.8-3.51)	3.48
	9	14	18	-	-	-	2.50	4.00	5.00	-	-	-	11.5 (3.5-13.0)	3.45 (0.8-4.27)	3.33
	9	14	24	-	-	-	2.40	3.72	6.38	-	-	-	12.5 (3.5-14.0)	3.88 (0.8-4.84)	3.22
	9	18	18	-	-	-	2.50	5.00	5.00	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	9	18	24	-	-	-	2.21	4.41	5.88	-	-	-	12.5 (3.5-14.0)	3.86 (0.8-4.84)	3.24
	9	24	24	-	-	-	1.98	5.26	5.26	-	-	-	12.5 (3.5-14.0)	3.82 (0.8-4.84)	3.27
	12	12	12	-	-	-	3.50	3.50	3.50	-	-	-	10.5 (3.5-11.5)	2.98 (0.8-3.32)	3.52
	12	12	14	-	-	-	3.50	3.50	4.00	-	-	-	11.0 (3.5-12.1)	3.19 (0.8-3.70)	3.45
	12	12	18	-	-	-	3.50	3.50	5.00	-	-	-	12.0 (3.5-13.4)	3.65 (0.8-4.46)	3.29
	12	12	24	-	-	-	3.13	3.13	6.24	-	-	-	12.5 (3.5-14.0)	3.87 (0.8-4.84)	3.23
	12	14	14	-	-	-	3.50	4.00	4.00	-	-	-	11.5 (3.5-12.7)	3.41 (0.8-4.08)	3.37
	12	14	18	-	-	-	3.50	4.00	5.00	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	12	14	24	-	-	-	3.00	3.50	6.00	-	-	-	12.5 (3.5-14.0)	3.86 (0.8-4.84)	3.24
	12	18	18	-	-	-	3.12	4.69	4.69	-	-	-	12.5 (3.5-14.0)	3.87 (0.8-4.84)	3.23
	12	18	24	-	-	-	2.78	4.17	5.55	-	-	-	12.5 (3.5-14.0)	3.85 (0.8-4.84)	3.25
	12	24	24	-	-	-	2.50	5.00	5.00	-	-	-	12.5 (3.5-14.0)	3.81 (0.8-4.84)	3.28
	14	14	14	-	-	-	4.00	4.00	4.00	-	-	-	12.0 (3.5-13.4)	3.65 (0.8-4.46)	3.29
	14	14	18	-	-	-	3.80	3.80	4.90	-	-	-	12.5 (3.5-14.0)	3.88 (0.8-4.84)	3.22
	14	14	24	-	-	-	3.37	3.37	5.76	-	-	-	12.5 (3.5-14.0)	3.85 (0.8-4.84)	3.25
	14	18	18	-	-	-	3.50	4.50	4.50	-	-	-	12.5 (3.5-14.0)	3.86 (0.8-4.84)	3.24
	14	18	24	-	-	-	3.13	4.02	5.35	-	-	-	12.5 (3.5-14.0)	3.83 (0.8-4.84)	3.26
	14	24	24	-	-	-	2.82	4.84	4.84	-	-	-	12.5 (3.5-14.0)	3.80 (0.8-4.84)	3.29
	18	18	18	-	-	-	4.17	4.17	4.17	-	-	-	12.5 (3.5-14.0)	3.85 (0.8-4.84)	3.25
	4-unit connection	18	18	24	-	-	-	3.75	3.75	5.00	-	-	-	12.5 (3.5-14.0)	3.81 (0.8-4.84)
7		7	7	14	-	-	2.00	2.00	2.00	4.00	-	-	10.0 (3.5-11.1)	2.50 (0.8-3.13)	4.00
7		7	7	18	-	-	2.00	2.00	2.00	5.00	-	-	11.0 (3.5-12.4)	3.06 (0.8-3.89)	3.59
7		7	7	24	-	-	1.94	1.94	1.94	6.68	-	-	12.5 (3.5-14.0)	3.77 (0.8-4.84)	3.32
7		7	9	12	-	-	2.00	2.00	2.50	3.50	-	-	10.0 (3.5-11.1)	2.50 (0.8-3.13)	4.00
7		7	9	14	-	-	2.00	2.00	2.50	4.00	-	-	10.5 (3.5-11.8)	2.79 (0.8-3.51)	3.76
7		7	9	18	-	-	2.00	2.00	2.50	5.00	-	-	11.5 (3.5-13.0)	3.33 (0.8-4.27)	3.45
7		7	9	24	-	-	1.86	1.86	2.39	6.39	-	-	12.5 (3.5-14.0)	3.75 (0.8-4.84)	3.33
7		7	12	12	-	-	2.00	2.00	3.50	3.50	-	-	11.0 (3.5-12.1)	3.00 (0.8-3.70)	3.67
7		7	12	14	-	-	2.00	2.00	3.50	4.00	-	-	11.5 (3.5-12.7)	3.27 (0.8-4.08)	3.52
7		7	12	18	-	-	2.00	2.00	3.50	5.00	-	-	12.5 (3.5-14.0)	3.78 (0.8-4.84)	3.31
7		7	12	24	-	-	1.75	1.75	3.00	6.00	-	-	12.5 (3.5-14.0)	3.74 (0.8-4.84)	3.34
7		7	14	14	-	-	2.00	2.00	4.00	4.00	-	-	12.0 (3.5-13.4)	3.51 (0.8-4.46)	3.42
7		7	14	18	-	-	1.90	1.90	3.80	4.90	-	-	12.5 (3.5-14.0)	3.77 (0.8-4.84)	3.32
7		7	14	24	-	-	1.68	1.68	3.37	5.77	-	-	12.5 (3.5-14.0)	3.73 (0.8-4.84)	3.35
7		7	18	18	-	-	1.75	1.75	4.50	4.50	-	-	12.5 (3.5-14.0)	3.74 (0.8-4.84)	3.34
7		7	18	24	-	-	1.56	1.56	4.02	5.36	-	-	12.5 (3.5-14.0)	3.70 (0.8-4.84)	3.38
7		7	24	24	-	-	1.41	1.41	4.84	4.84	-	-	12.5 (3.5-14.0)	3.67 (0.8-4.84)	3.41
7		9	9	9	-	-	2.00	2.50	2.50	2.50	-	-	9.5 (3.5-10.8)	2.31 (0.8-2.93)	4.11
7		9	9	12	-	-	2.00	2.50	2.50	3.50	-	-	10.5 (3.5-11.8)	2.79 (0.8-3.51)	3.76
7		9	9	14	-	-	2.00	2.50	2.50	4.00	-	-	11.0 (3.5-12.4)	3.06 (0.8-3.89)	3.59
7		9	9	18	-	-	2.00	2.50	2.50	5.00	-	-	12.0 (3.5-13.7)	3.57 (0.8-4.65)	3.36
7		9	9	24	-	-	1.79	2.30	2.30	6.11	-	-	12.5 (3.5-14.0)	3.74 (0.8-4.84)	3.34
7		9	12	12	-	-	2.00	2.50	3.50	3.50	-	-	11.5 (3.5-12.7)	3.27 (0.8-4.08)	3.52
7		9	12	14	-	-	2.00	2.50	3.50	4.00	-	-	12.0 (3.5-13.4)	3.51 (0.8-4.46)	3.42
7		9	12	18	-	-	1.90	2.45	3.26	4.89	-	-	12.5 (3.5-14.0)	3.77 (0.8-4.84)	3.32
7		9	12	24	-	-	1.68	2.16	2.88	5.78	-	-	12.5 (3.5-14.0)	3.73 (0.8-4.84)	3.35
7		9	14	14	-	-	2.00	2.50	4.00	4.00	-	-	12.5 (3.5-14.0)	3.78 (0.8-4.84)	3.31
7		9	14	18	-	-	1.82	2.34	3.65	4.69	-	-	12.5 (3.5-14.0)	3.75 (0.8-4.84)	3.33
7		9	14	24	-	-	1.62	2.08	3.24	5.56	-	-	12.5 (3.5-14.0)	3.71 (0.8-4.84)	3.37
7		9	18	18	-	-	1.68	2.16	4.33	4.33	-	-	12.5 (3.5-14.0)	3.73 (0.8-4.84)	3.35
7		9	18	24	-	-	1.51	1.94	3.88	5.17	-	-	12.5 (3.5-14.0)	3.69 (0.8-4.84)	3.39
7		12	12	12	-	-	1.90	3.50	3.50	3.50	-	-	12.4 (3.5-13.7)	3.69 (0.8-4.65)	3.36
7		12	12	14	-	-	1.94	3.33	3.33	3.90	-	-	12.5 (3.5-14.0)	3.77 (0.8-4.84)	3.32
7		12	12	18	-	-	1.79	3.06	3.06	4.59	-	-	12.5 (3.5-14.0)	3.74 (0.8-4.84)	3.34
7		12	12	24	-	-	1.59	2.73	2.73	5.45	-	-	12.5 (3.5-14.0)	3.71 (0.8-4.84)	3.37
7		12	14	14	-	-	1.87	3.19	3.72	3.72	-	-	12.5 (3.5-14.0)	3.75 (0.8-4.84)	3.33
7		12	14	18	-	-	1.72	2.94	3.43	4.41	-	-	12.5 (3.5-14.0)	3.73 (0.8-4.84)	3.35
7		12	14	24	-	-	1.54	2.63	3.07	5.26	-	-	12.5 (3.5-14.0)	3.70 (0.8-4.84)	3.38
7		12	18	18	-	-	1.59	2.73	4.09	4.09	-	-	12.5 (3.5-14.0)	3.71 (0.8-4.84)	3.37
7	12	18	24	-	-	1.43	2.46	3.69	4.92	-	-	12.5 (3.5-14.0)	3.68 (0.8-4.84)	3.40	
7	14	14	14	-	-	1.79	3.57	3.57	3.57	-	-				

6-unit Multi-split Combination Table–Cooling/Heating

6-unit Multi-split cooling

AOYG45LBA6	Combination of indoor unit						Cooling Operation								Input Power (Min.-Max.)	EER (W/W)
							Cooling Capacity						Total (Min.-Max.)			
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	kW	kW	kW	kW	kW	kW				
5-unit connection	7	9	12	12	12	-	1.69	2.17	2.88	2.88	2.88	-	12.5 (3.5-14.0)	3.61 (0.8-4.84)	3.46	
	7	9	12	12	14	-	1.62	2.08	2.78	2.78	3.24	-	12.5 (3.5-14.0)	3.60 (0.8-4.84)	3.47	
	7	9	12	12	18	-	1.51	1.94	2.59	2.59	3.87	-	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	7	9	12	14	14	-	1.55	2.01	2.68	3.13	3.13	-	12.5 (3.5-14.0)	3.59 (0.8-4.84)	3.48	
	7	9	12	14	18	-	1.46	1.88	2.50	2.92	3.74	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	7	9	14	14	14	-	1.50	1.94	3.02	3.02	3.02	-	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	7	9	14	14	18	-	1.41	1.81	2.82	2.82	3.64	-	12.5 (3.5-14.0)	3.55 (0.8-4.84)	3.52	
	7	12	12	12	12	-	1.58	2.73	2.73	2.73	2.73	-	12.5 (3.5-14.0)	3.59 (0.8-4.84)	3.48	
	7	12	12	12	14	-	1.54	2.63	2.63	2.63	3.07	-	12.5 (3.5-14.0)	3.58 (0.8-4.84)	3.49	
	7	12	12	12	18	-	1.43	2.46	2.46	2.46	3.69	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	7	12	12	14	14	-	1.48	2.54	2.54	2.97	2.97	-	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	7	12	14	14	14	-	1.43	2.46	2.87	2.87	2.87	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	9	9	9	9	9	-	2.50	2.50	2.50	2.50	2.50	-	12.5 (3.5-14.0)	3.65 (0.8-4.84)	3.42	
	9	9	9	9	12	-	2.34	2.34	2.34	2.34	3.14	-	12.5 (3.5-14.0)	3.64 (0.8-4.84)	3.43	
	9	9	9	9	14	-	2.25	2.25	2.25	2.25	3.50	-	12.5 (3.5-14.0)	3.62 (0.8-4.84)	3.45	
	9	9	9	9	18	-	2.08	2.08	2.08	2.08	4.18	-	12.5 (3.5-14.0)	3.60 (0.8-4.84)	3.47	
	9	9	9	9	24	-	1.88	1.88	1.88	1.88	4.98	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	9	9	9	12	12	-	2.21	2.21	2.21	2.94	2.94	-	12.5 (3.5-14.0)	3.62 (0.8-4.84)	3.45	
	9	9	9	12	14	-	2.12	2.12	2.12	2.83	3.31	-	12.5 (3.5-14.0)	3.60 (0.8-4.84)	3.47	
	9	9	9	12	18	-	1.97	1.97	1.97	2.63	3.96	-	12.5 (3.5-14.0)	3.58 (0.8-4.84)	3.49	
	9	9	9	14	14	-	2.05	2.05	2.05	3.18	3.18	-	12.5 (3.5-14.0)	3.59 (0.8-4.84)	3.48	
	9	9	9	14	18	-	1.91	1.91	1.91	2.97	3.80	-	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	9	9	12	12	12	-	2.08	2.08	2.78	2.78	2.78	-	12.5 (3.5-14.0)	3.60 (0.8-4.84)	3.47	
	9	9	12	12	14	-	2.01	2.01	2.68	2.68	3.12	-	12.5 (3.5-14.0)	3.59 (0.8-4.84)	3.48	
	9	9	12	12	18	-	1.88	1.88	2.50	2.50	3.74	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	9	9	12	14	14	-	1.94	1.94	2.58	3.02	3.02	-	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	9	9	12	14	18	-	1.81	1.81	2.42	2.82	3.64	-	12.5 (3.5-14.0)	3.55 (0.8-4.84)	3.52	
	9	9	14	14	14	-	1.87	1.87	2.92	2.92	2.92	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	9	12	12	12	12	-	1.98	2.63	2.63	2.63	2.63	-	12.5 (3.5-14.0)	3.58 (0.8-4.84)	3.49	
	9	12	12	12	14	-	1.91	2.54	2.54	2.54	2.97	-	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	9	12	12	14	14	-	1.84	2.46	2.46	2.87	2.87	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	12	12	12	12	12	-	2.50	2.50	2.50	2.50	2.50	-	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
12	12	12	12	14	-	2.42	2.42	2.42	2.42	2.82	-	12.5 (3.5-14.0)	3.55 (0.8-4.84)	3.52		
6-unit connection	7	7	7	7	7	7	2.00	2.00	2.00	2.00	2.00	2.00	12.0 (3.5-13.4)	3.32 (0.8-4.46)	3.61	
	7	7	7	7	7	9	2.00	2.00	2.00	2.00	2.00	2.50	12.5 (3.5-14.0)	3.57 (0.8-4.84)	3.50	
	7	7	7	7	7	12	1.86	1.86	1.86	1.86	1.86	3.20	12.5 (3.5-14.0)	3.55 (0.8-4.84)	3.52	
	7	7	7	7	7	14	1.79	1.79	1.79	1.79	1.79	3.55	12.5 (3.5-14.0)	3.54 (0.8-4.84)	3.53	
	7	7	7	7	7	18	1.65	1.65	1.65	1.65	1.65	4.25	12.5 (3.5-14.0)	3.51 (0.8-4.84)	3.56	
	7	7	7	7	7	24	1.48	1.48	1.48	1.48	1.48	5.10	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59	
	7	7	7	7	9	9	1.90	1.90	1.90	1.90	2.45	2.45	12.5 (3.5-14.0)	3.56 (0.8-4.84)	3.51	
	7	7	7	7	9	12	1.79	1.79	1.79	1.79	2.29	3.05	12.5 (3.5-14.0)	3.54 (0.8-4.84)	3.53	
	7	7	7	7	9	14	1.72	1.72	1.72	1.72	2.20	3.42	12.5 (3.5-14.0)	3.53 (0.8-4.84)	3.54	
	7	7	7	7	9	18	1.59	1.59	1.59	1.59	2.05	4.09	12.5 (3.5-14.0)	3.50 (0.8-4.84)	3.57	
	7	7	7	7	9	24	1.43	1.43	1.43	1.43	1.85	4.93	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60	
	7	7	7	7	12	12	1.68	1.68	1.68	1.68	2.89	2.89	12.5 (3.5-14.0)	3.52 (0.8-4.84)	3.55	
	7	7	7	7	12	14	1.62	1.62	1.62	1.62	2.78	3.24	12.5 (3.5-14.0)	3.51 (0.8-4.84)	3.56	
	7	7	7	7	12	18	1.51	1.51	1.51	1.51	2.59	3.87	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59	
	7	7	7	7	14	14	1.56	1.56	1.56	1.56	3.13	3.13	12.5 (3.5-14.0)	3.50 (0.8-4.84)	3.57	
	7	7	7	7	14	18	1.46	1.46	1.46	1.46	2.92	3.74	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60	
	7	7	7	9	9	9	1.82	1.82	1.82	2.34	2.34	2.34	12.5 (3.5-14.0)	3.55 (0.8-4.84)	3.52	
	7	7	7	9	9	12	1.72	1.72	1.72	2.21	2.21	2.92	12.5 (3.5-14.0)	3.53 (0.8-4.84)	3.54	
	7	7	7	9	9	14	1.65	1.65	1.65	2.12	2.12	3.31	12.5 (3.5-14.0)	3.51 (0.8-4.84)	3.56	
	7	7	7	9	9	18	1.54	1.54	1.54	1.97	1.97	3.94	12.5 (3.5-14.0)	3.49 (0.8-4.84)	3.58	
	7	7	7	9	12	12	1.62	1.62	1.62	2.08	2.78	2.78	12.5 (3.5-14.0)	3.51 (0.8-4.84)	3.56	
	7	7	7	9	12	14	1.56	1.56	1.56	2.01	2.68	3.13	12.5 (3.5-14.0)	3.50 (0.8-4.84)	3.57	
	7	7	7	9	12	18	1.46	1.46	1.46	1.88	2.50	3.74	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60	
	7	7	7	9	14	14	1.51	1.51	1.51	1.93	3.02	3.02	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59	
	7	7	7	12	12	12	1.54	1.54	1.54	2.63	2.63	2.63	12.5 (3.5-14.0)	3.49 (0.8-4.84)	3.58	
	7	7	7	12	12	14	1.48	1.48	1.48	2.54	2.54	2.98	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59	
	7	7	7	12	14	14	1.43	1.43	1.43	2.47	2.87	2.87	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60	
	7	7	9	9	9	9	1.75	1.75	2.25	2.25	2.25	2.25	12.5 (3.5-14.0)	3.53 (0.8-4.84)	3.54	
	7	7	9	9	9	12	1.65	1.65	2.12	2.12	2.12	2.84	12.5 (3.5-14.0)	3.51 (0.8-4.84)	3.56	
	7	7	9	9	9	14	1.59	1.59	2.05	2.05	2.05	3.17	12.5 (3.5-14.0)	3.50 (0.8-4.84)	3.57	
	7	7	9	9	9	18	1.48	1.48	1.91	1.91	1.91	3.81	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59	
	7	7	9	9	12	12	1.56	1.56	2.01	2.01	2.68	2.68	12.5 (3.5-14.0)	3.50 (0.8-4.84)	3.57	
7	7	9	9	12	14	1.51	1.51	1.94	1.94	2.59	3.01	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59		
7	7	9	9	12	18	1.41	1.41	1.81	1.81	2.42	3.64	12.5 (3.5-14.0)	3.46 (0.8-4.84)	3.61		
7	7	9	9	14	14	1.46	1.46	1.88	1.88	2.91	2.91	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60		
7	7	9	12	12	12	1.48	1.48	1.92	2.54	2.54	2.54	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59		
7	7	9	12	12	14	1.43	1.43	1.85	2.46	2.46	2.87	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60		
7	7	12	12	12	12	1.41	1.41	2.42	2.42	2.42	2.42	12.5 (3.5-14.0)	3.46 (0.8-4.84)	3.61		
7	9	9	9	9	9	1.70	2.16	2.16	2.16	2.16	2.16	12.5 (3.5-14.0)	3.52 (0.8-4.84)	3.55		
7	9	9	9	9	12	1.59	2.05	2.05	2.05	2.05	2.71	12.5 (3.5-14.0)	3.50 (0.8-4.84)	3.57		
7	9	9	9	9	14	1.54	1.97	1.97	1.97	1.97	3.08	12.5 (3.5-14.0)	3.49 (0.8-4.84)	3.58		
7	9	9	9	12	12	1.50	1.94	1.94	1.94	2.59	2.59	12.5 (3.5-14.0)	3.48 (0.8-4.84)	3.59		
7	9	9	9	12	14	1.46	1.88	1.88	1.88	2.50	2.90	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60		
7	9	9	12	12	12	1.44	1.84	1.84	2.46	2.46	2.46	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60		
9	9	9	9	9	9	2.08	2.08	2.08	2.08	2.08	2.08	12.5 (3.5-14.0)	3.51 (0.8-4.84)	3.56		
9	9	9	9	9	12	1.97	1.97	1.97	1.97	1.97	2.65	12.5 (3.5-14.0)	3.49 (0.8-4.84)	3.58		
9	9	9	9	12	12	1.88	1.88	1.88	1.88	2.49	2.49	12.5 (3.5-14.0)	3.47 (0.8-4.84)	3.60		

6-unit Multi-split Combination Table-Heating

6-unit Multi-split heating

AOYG45LBLA6	Combination of indoor unit						Heating Operation								COP (W/W)
							Heating Capacity						Input Power (Min.-Max.)		
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Total (Min.-Max.)	kW							
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	kW	kW	kW	kW	kW	kW	kW			
4-unit connection	9	9	9	9	-	-	3.05	3.05	3.05	3.05	-	-	12.2 (3.5-13.1)	3.09 (0.7-3.54)	3.95
	9	9	9	12	-	-	2.93	2.93	2.93	3.91	-	-	12.7 (3.5-14.2)	3.35 (0.7-3.87)	3.79
	9	9	9	14	-	-	2.85	2.85	2.85	4.45	-	-	13.0 (3.5-14.9)	3.46 (0.7-4.09)	3.76
	9	9	9	18	-	-	2.70	2.70	2.70	5.40	-	-	13.5 (3.5-16.0)	3.61 (0.7-4.41)	3.74
	9	9	9	24	-	-	2.38	2.38	2.38	6.36	-	-	13.5 (3.5-16.0)	3.59 (0.7-4.41)	3.76
	9	9	12	12	-	-	2.83	2.83	3.77	3.77	-	-	13.2 (3.5-15.3)	3.52 (0.7-4.20)	3.75
	9	9	12	14	-	-	2.76	2.76	3.68	4.30	-	-	13.5 (3.5-16.0)	3.61 (0.7-4.41)	3.74
	9	9	12	18	-	-	2.53	2.53	3.38	5.06	-	-	13.5 (3.5-16.0)	3.60 (0.7-4.41)	3.75
	9	9	12	24	-	-	2.25	2.25	3.00	6.00	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	9	9	14	14	-	-	2.64	2.64	4.11	4.11	-	-	13.5 (3.5-16.0)	3.61 (0.7-4.41)	3.74
	9	9	14	18	-	-	2.43	2.43	3.78	4.86	-	-	13.5 (3.5-16.0)	3.60 (0.7-4.41)	3.75
	9	9	14	24	-	-	2.17	2.17	3.38	5.78	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	9	9	18	18	-	-	2.25	2.25	4.50	4.50	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	9	9	18	24	-	-	2.03	2.03	4.05	5.39	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	9	12	12	12	-	-	2.70	3.60	3.60	3.60	-	-	13.5 (3.5-16.0)	3.61 (0.7-4.41)	3.74
	9	12	12	14	-	-	2.59	3.45	3.45	4.01	-	-	13.5 (3.5-16.0)	3.60 (0.7-4.41)	3.75
	9	12	12	18	-	-	2.38	3.18	3.18	4.76	-	-	13.5 (3.5-16.0)	3.59 (0.7-4.41)	3.76
	9	12	12	24	-	-	2.13	2.84	2.84	5.69	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	9	12	14	14	-	-	2.48	3.30	3.86	3.86	-	-	13.5 (3.5-16.0)	3.60 (0.7-4.41)	3.75
	9	12	14	18	-	-	2.29	3.06	3.57	4.58	-	-	13.5 (3.5-16.0)	3.59 (0.7-4.41)	3.76
	9	12	14	24	-	-	2.06	2.75	3.20	5.49	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	9	12	18	18	-	-	2.13	2.85	4.26	4.26	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	9	14	14	14	-	-	2.37	3.71	3.71	3.71	-	-	13.5 (3.5-16.0)	3.59 (0.7-4.41)	3.76
	9	14	14	18	-	-	2.21	3.44	3.44	4.41	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	9	14	14	24	-	-	1.99	3.10	3.10	5.31	-	-	13.5 (3.5-16.0)	3.56 (0.7-4.41)	3.79
	9	14	18	18	-	-	2.06	3.20	4.12	4.12	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	12	12	12	12	-	-	3.38	3.38	3.38	3.38	-	-	13.5 (3.5-16.0)	3.60 (0.7-4.41)	3.75
	12	12	12	14	-	-	3.24	3.24	3.24	3.78	-	-	13.5 (3.5-16.0)	3.60 (0.7-4.41)	3.75
	12	12	12	18	-	-	3.00	3.00	3.00	4.50	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	12	12	12	24	-	-	2.70	2.70	2.70	5.40	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	12	12	14	14	-	-	3.12	3.12	3.63	3.63	-	-	13.5 (3.5-16.0)	3.59 (0.7-4.41)	3.76
	12	12	14	18	-	-	2.89	2.89	3.38	4.34	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	12	12	14	24	-	-	2.61	2.61	3.05	5.23	-	-	13.5 (3.5-16.0)	3.56 (0.7-4.41)	3.79
	12	12	18	18	-	-	2.70	2.70	4.05	4.05	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	12	14	14	14	-	-	3.00	3.50	3.50	3.50	-	-	13.5 (3.5-16.0)	3.58 (0.7-4.41)	3.77
	12	14	14	18	-	-	2.79	3.26	3.26	4.19	-	-	13.5 (3.5-16.0)	3.57 (0.7-4.41)	3.78
	12	14	18	18	-	-	2.61	3.05	3.92	3.92	-	-	13.5 (3.5-16.0)	3.56 (0.7-4.41)	3.79
	5-unit connection	7	7	7	7	7	-	2.40	2.40	2.40	2.40	2.40	-	12.0 (3.5-12.7)	2.82 (0.7-3.44)
7		7	7	7	9	-	2.33	2.33	2.33	2.33	2.98	-	12.3 (3.5-13.5)	3.03 (0.7-3.65)	4.06
7		7	7	7	12	-	2.24	2.24	2.24	2.24	3.84	-	12.8 (3.5-14.5)	3.29 (0.7-3.98)	3.89
7		7	7	7	14	-	2.20	2.20	2.20	2.20	4.40	-	13.2 (3.5-15.3)	3.40 (0.7-4.20)	3.88
7		7	7	7	18	-	2.05	2.05	2.05	2.05	5.30	-	13.5 (3.5-16.0)	3.49 (0.7-4.41)	3.87
7		7	7	7	24	-	1.82	1.82	1.82	1.82	6.22	-	13.5 (3.5-16.0)	3.47 (0.7-4.41)	3.89
7		7	7	9	9	-	2.28	2.28	2.28	2.93	2.93	-	12.7 (3.5-14.2)	3.23 (0.7-3.87)	3.93
7		7	7	9	12	-	2.20	2.20	2.20	2.83	3.77	-	13.2 (3.5-15.3)	3.40 (0.7-4.20)	3.88
7		7	7	9	14	-	2.15	2.15	2.15	2.76	4.29	-	13.5 (3.5-16.0)	3.49 (0.7-4.41)	3.87
7		7	7	9	18	-	1.97	1.97	1.97	2.53	5.06	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	7	9	24	-	1.75	1.75	1.75	2.25	6.00	-	13.5 (3.5-16.0)	3.46 (0.7-4.41)	3.90
7		7	7	12	12	-	2.10	2.10	2.10	3.60	3.60	-	13.5 (3.5-16.0)	3.49 (0.7-4.41)	3.87
7		7	7	12	14	-	2.01	2.01	2.01	3.45	4.02	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	7	12	18	-	1.85	1.85	1.85	3.18	4.77	-	13.5 (3.5-16.0)	3.47 (0.7-4.41)	3.89
7		7	7	12	24	-	1.66	1.66	1.66	2.84	5.68	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		7	7	14	14	-	1.93	1.93	1.93	3.86	3.86	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	7	14	18	-	1.78	1.78	1.78	3.57	4.59	-	13.5 (3.5-16.0)	3.47 (0.7-4.41)	3.89
7		7	7	14	24	-	1.60	1.60	1.60	3.20	5.50	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		7	7	18	18	-	1.66	1.66	1.66	4.26	4.26	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		7	9	9	9	-	2.22	2.22	2.85	2.85	2.85	-	13.0 (3.5-14.9)	3.34 (0.7-4.09)	3.89
7		7	9	9	12	-	2.15	2.15	2.76	2.76	3.68	-	13.5 (3.5-16.0)	3.49 (0.7-4.41)	3.87
7		7	9	9	14	-	2.05	2.05	2.64	2.64	4.12	-	13.5 (3.5-16.0)	3.49 (0.7-4.41)	3.87
7		7	9	9	18	-	1.89	1.89	2.43	2.43	4.86	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	9	9	24	-	1.69	1.69	2.17	2.17	5.78	-	13.5 (3.5-16.0)	3.46 (0.7-4.41)	3.90
7		7	9	12	12	-	2.01	2.01	2.58	3.45	3.45	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	9	12	14	-	1.93	1.93	2.48	3.31	3.85	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	9	12	18	-	1.78	1.78	2.29	3.06	4.59	-	13.5 (3.5-16.0)	3.47 (0.7-4.41)	3.89
7		7	9	12	24	-	1.60	1.60	2.06	2.75	5.49	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		7	9	14	14	-	1.85	1.85	2.38	3.71	3.71	-	13.5 (3.5-16.0)	3.47 (0.7-4.41)	3.89
7		7	9	14	18	-	1.72	1.72	2.21	3.44	4.41	-	13.5 (3.5-16.0)	3.46 (0.7-4.41)	3.90
7		7	9	14	24	-	1.55	1.55	1.99	3.10	5.31	-	13.5 (3.5-16.0)	3.44 (0.7-4.41)	3.92
7		7	9	18	18	-	1.60	1.60	2.06	4.12	4.12	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		7	12	12	12	-	1.89	1.89	3.24	3.24	3.24	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		7	12	12	14	-	1.82	1.82	3.12	3.12	3.62	-	13.5 (3.5-16.0)	3.47 (0.7-4.41)	3.89
7		7	12	12	18	-	1.69	1.69	2.89	2.89	4.34	-	13.5 (3.5-16.0)	3.46 (0.7-4.41)	3.90
7		7	12	12	24	-	1.52	1.52	2.61	2.61	5.24	-	13.5 (3.5-16.0)	3.44 (0.7-4.41)	3.92
7		7	12	14	14	-	1.75	1.75	3.00	3.50	3.50	-	13.5 (3.5-16.0)	3.46 (0.7-4.41)	3.90
7		7	12	14	18	-	1.63	1.63	2.79	3.26	4.19	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		7	12	18	18	-	1.52	1.52	2.62	3.92	3.92	-	13.5 (3.5-16.0)	3.44 (0.7-4.41)	3.92
7		7	14	14	14	-	1.68	1.68	3.38	3.38	3.38	-	13.5 (3.5-16.0)	3.46 (0.7-4.41)	3.90
7		7	14	14	18	-	1.58	1.58	3.15	3.15	4.04	-	13.5 (3.5-16.0)	3.45 (0.7-4.41)	3.91
7		9	9	9	9	-	2.18	2.78	2.78	2.78	2.78	-	13.3 (3.5-15.6)	3.44 (0.7-4.30)	3.87
7		9	9	9	12	-	2.05	2.64	2.64	2.64	3.53	-	13.5 (3.5-16.0)	3.49 (0.7-4.41)	3.87
7		9	9	9	14	-	1.97	2.53	2.53	2.53	3.94	-	13.5 (3.5-16.0)	3.48 (0.7-4.41)	3.88
7		9	9	9	18	-	1.82	2.34	2.34	2.34	4.66	-	13.5 (3.5-16.0)	3.47 (0.7-4.41	



Feature Summary

Country		Common models					Common models		
Type	Wall-mounted type			Cassette		Duct		Floor	Ceiling
Series	Designer Series	Standard Series		Compact 4-way Flow Grid type Series	Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure		
Model name									
	ASYG07/09/12/14KGTE	ASYG07/09/12/14KMCE	ASYG18/22/24KMTE	AUXG 07/09/12/ 14/18/22 KVL A	ARXG 07/09/12/14/18 KSLAP	ARXG 07/09/12/14/18 KLLAP	ARXG22KMLB	AGYG09/12/14KVCA	ABYG18/22KRTA
Energy-saving Features	 Save Human sensor	●							
	 Economy mode	●	●	●	●	●	●	●	●
	 Room temperature set point limitation	○	○	○	○	○	○	○	●
	 Set temperature auto return	○	○	○	●	○	○	○	●
Features for Comfort	 Power diffuser								
	 Powerful mode							●	
	 10°C Heat	●	●	●	○	○	○	●	○
	 Low noise mode							●	○
	 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	○	○	○	○	○	○	○	●
	 Wireless LAN control	○	○	○	○	○	○	○	○
Clean Features	 Ion deodorization filter	○	○	●				●	
	 Apple-catechin filter	○	○	●				●	
	 Long-life filter						○	●	
	 Washable panel			●					
	 Silver ion filter II	○	○	○					
Installation	 Drain pump as standard			●	●	●	○		○

○ : Optional function

Feature Summary

Country		 for Singapore		Common models			Common models						
Type		Wall Mounted		Wall Mounted			Wall Mounted	Compact Cassette	Slim Duct		Mini Duct	Floor	Floor/Ceiling
Model No.													
		ASAG09/12JGTA ASAG09JGTB	ASAG18JFCC	ASAG09/12LMCA*1	ASYG 07/09/12/14 LMCE*2	ASYG 07/09/12/14 LUCA*3	ASAG18/24LFCA*1 ASYG18LFCA*2 ASYG24LFCC*2	AUAG09/12/14/18LVLA*1 AUYG07/09LVLA*2 AUYG12/14/18LVLB*2	ARAG 09/12/14/18/24 LLLA*1	ARYG07/09LLTA*2 ARYG12/14/18LLTB*2	ARYG 07/09/12/14/18 LSLAP*2	AGYG09/12/14LVCA*2	ABYG14LVTA*2 ABYG18LVTB*2
Energy Saving Function	 Save Human sensor												
	 Economy mode	●	●	●	●	●	●	●	●	●	●	●	●
	 Room temperature set point limitation	○		○	○	○	○	○		○	●	○	○
	 Set temperature auto return	○		○	○	○	○	○		○	●	○	○
Comfortable Function	 Power diffuser		●	●	●		●						
	 Powerful mode	●	●	●		●							
	 10°C HEAT operation			●	●	●	●	●		○	○	●	●
	 Low noise mode			●		●							
	 Auto-changeover	●	●	●	●	●	●	●	●	●	●	●	●
	 Up/down swing flaps	●		●	●	●		●		○	○	●	
	 Double swing automatic		●				●						●
	 Automatic fan speed	●	●	●	●	●	●	●	●	●	●	●	●
	 Auto restart	●	●	●	●	●	●	●	●	●	●	●	●
	 Connectable fresh air duct							○					
	 Fresh air intake							○					
	 Connectable distributing duct												
Convenient Function	 Auto off timer	○		○	○	○	○	○		○	○	○	○
	 Sleep timer	●	●	●	●	●	●	●		○	○	●	●
	 Program timer	●	●	●	●	●	●	●		○	○	●	●
	 Weekly timer	●				●							
	 Weekly + setback timer	○	○	○	○	○	○	○	●	●		○	○
	 Filter sign	●	●	●	●	●	●	●	●	●	●	●	●
	 External error output	○		○	○	○	○						
	 External ON/OFF input	○		○	○	○	○	○		○	○	○	○
	 Wireless LAN control	○	○	○		○	○	○	○	○	○	○	○
Clean Function	 Ion deodorization filter	○	●	●	●	●	●					●	
	 Apple-catechin filter	○	●	●	●	●	●					●	
	 Long-life filter												
	 Washable panel		●	●	●		●					●	
	 Silver ion filter II	○											
Installation	 Drain pump as standard									●	●		

*1: 2-unit, 3-unit, 4-unit multi-split only.
*2: 5-unit, 6-unit multi-split only.
*3: ASYG14LUCA is for 5-unit, 6--unit multi-split only.

○ : 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-014 Optional Parts
- C-015 Optional Parts List
- C-022 Optional Parts Lineup

Wired remote controller (with touch panel)

UTY-RNRYZ5

NEW



Up to
16 indoor units

Up to
1 group

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

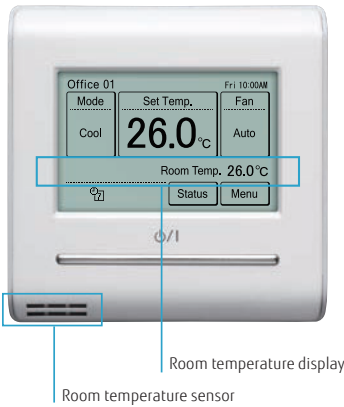
High performance and compact size

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

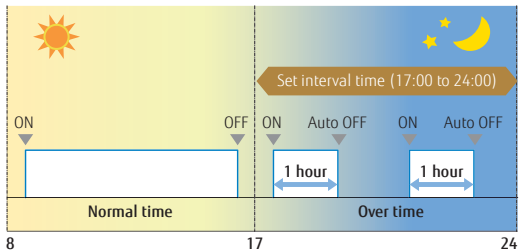
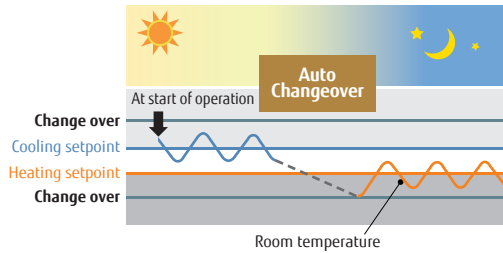
- While the Auto-timer is activated, if the set off time is specified as, for example, one hour, the power will automatically turn off one hour after the start of operation.
- A desired time frame can be specified for the Auto-off timer.
- The off-time can be set from 30 to 240 minutes.

2-setting weekly timer

Set temperature auto return

Setting temperature range limitation

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



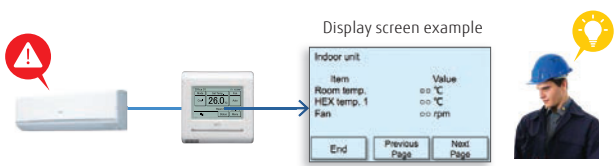
e.g.) Between 17:00 and 24:00 (over time hours), when the 1 hour set off time has elapsed, the system will automatically turn off the indoor unit as it

Features: Wired Remote Controller (Touch Panel)

NEW Refrigerant cycle monitor (Option)

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

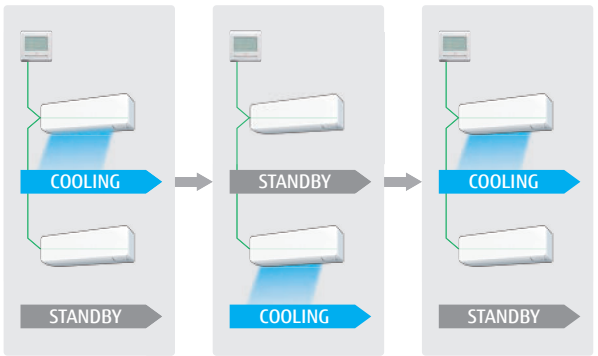
* This function is only supported by split units, using the H-Serial communication protocol! Example: ASYH30KMTB



NEW Multi System Control*1

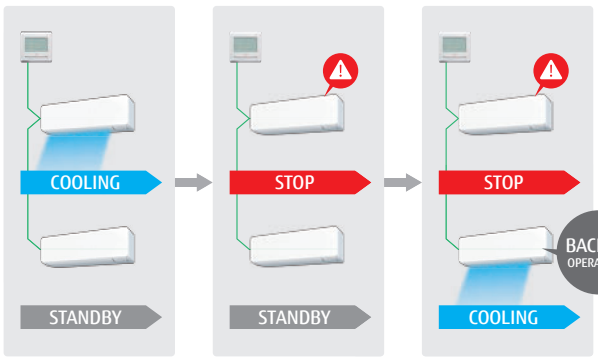
1) Lead Lag Operation

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



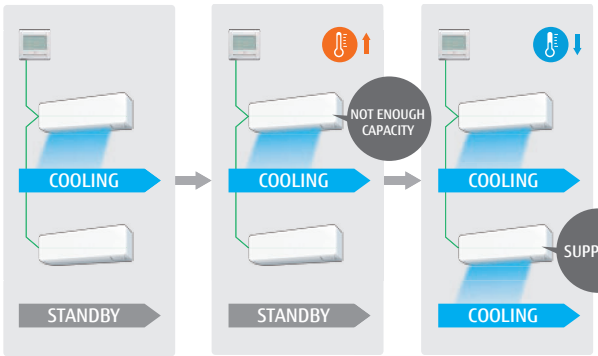
2) Back up operation

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



Maximum Controllable
16 indoor units
Maximum Controllable
1 Group

- 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

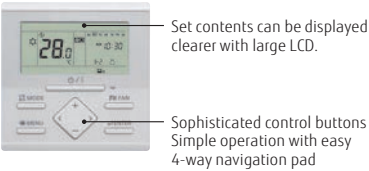
High performance and compact size

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



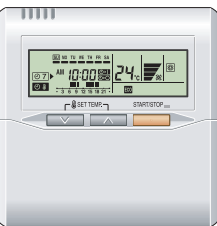
High visibility and easy operation

- “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

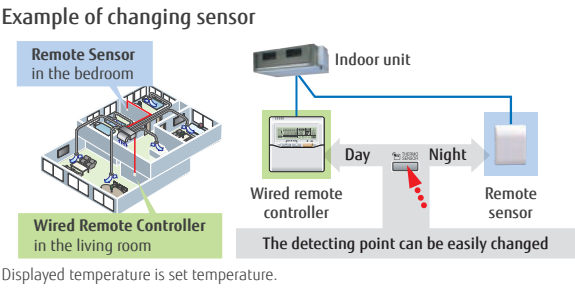


Maximum Controllable
16 indoor units
Maximum Controllable
1 Group

- 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.

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.



Built-in timers

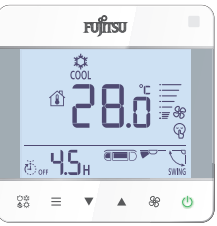
Weekly timer: Possible to set ON/OFF time to operate twice each day of the week.
Setback timer: Possible to set temperature for two times spans and for each day of the week.
At “Weekly timer” + “Set back timer” setup

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

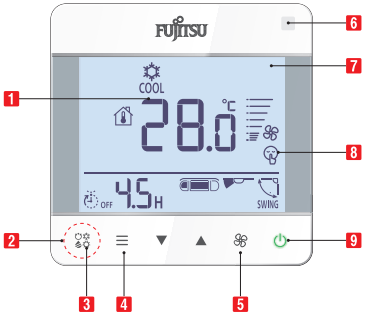
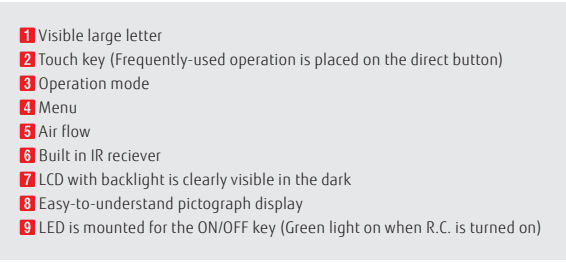


Maximum Controllable
1 single indoor unit
Maximum Controllable
1 Group

- 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

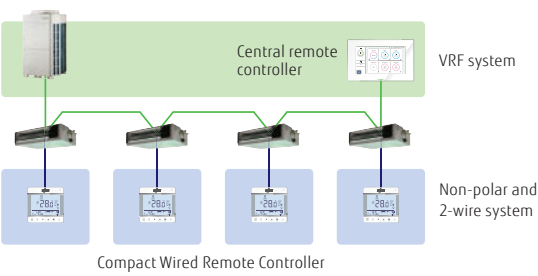
Large screen and simple display

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

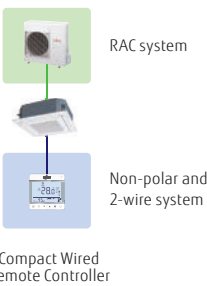


System overview

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.

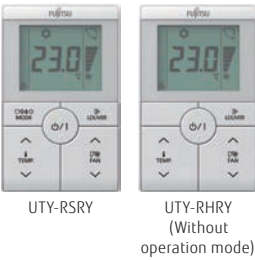


Specifications	
Model name	UTY-RCRYZ1
Power Source	DC12V
Dimensions (H × W × D) (mm)	86 × 86 × 44
Weight (g)	135

DC 12 V is supplied by the indoor unit.

Simple Remote Controller

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



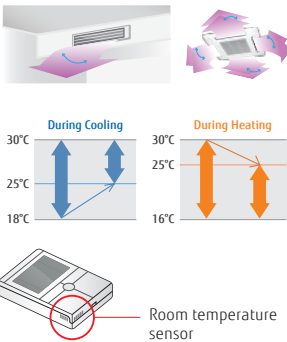
Compact remote controller provides access to basic functions

- 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-RSNYM



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-RSNYM
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

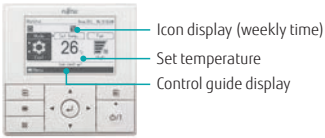


Hi-grade individual control using various functions.

- 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

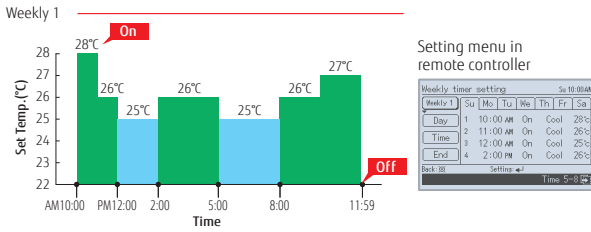
- In addition to the individual control, various energy saving controls can be realized using only one remote controller.



Various energy saving control

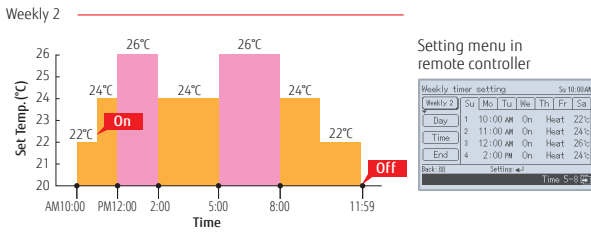
Weekly Timer function

- 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		Cassette	Circular Flow Cassette	Wall Mounted			Wall Mounted		Compact Cassette	Circular Flow Cassette	Cassette	Floor/Ceiling Universal	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct					
Model No.			ASYG09/12/14LUCA	ASAG18/24JFCB ASAG30JFTB	AUAG24LRLA-A AUAG36LRLC-A	AUAG36/45LRLD-A	ASAG 09/12/18/24 CPTA-V	ASAG09LLTB-V ASAG12LLTA-V		ASYG09/12LLCE		ASYG18/30LFCA ASYG24LFCC	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30/ 36/45/54 LRLB	AUAG 30/36/45/54 LRLA	ABYG18LVTB ABYG24LVTA	ABAG 30/36/45 LRTA	ARYG18LLTB	ARYG24LMLA ARAG 30/36/45 LMLA	ARYG 45/54/60 LHTA				
																								
Controllers	Wired Remote Controller																							
																								
																								
																								
	Compact Wired Remote Controller																							
	Simple Remote Controller	 2-wire type 3-wire type																						
IR Receiver Kit	 For Duct For Cassette																							
Interface	MODBUS™ Convertor																							
	KNX® Convertor																							
	Wireless LAN Interface																							
	External switch controller																							
	Network Convertor for Single Split	 DC Power Supply Type AC Power Supply Type																						



Multi-Split Control System List-INVERTER

			Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split										
Type			Wall Mounted			Cassette		Duct		Floor	Ceiling		
Series			Designer Series	Standard Series		Compact 4-way Flow Grid type Series		Mini (With drain pump)	Slim (With drain pump)			Medium Static Pressure	
Model No.			ASYG07/09/12/14KGTE	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	AGYG09/12/14KVCA	ABYG18/22KRTA
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-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-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-RSRY UTY-RHRY
	Wireless Remote Controller					● UTY-LNTY							
	IR Receiver Kit	 For Duct For Duct						● UTY-LBTYM		● UTY-LBTYM	● UTY-LBTYM		
		 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 Interface		● UTY-TFSXF3	● UTY-TFSXF3	● UTY-TFSXF3								
						● UTY-TFSXZ2		● UTY-TFSXZ2		● 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-TERX	● UTY-TERX
Network Convertor 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

			Indoor Units for 2-unit, 3-unit, 4-unit Multi-split														Indoor Units for 5-unit, 6-unit Multi-split						Outdoor Unit for 5-unit, 6-unit Multi-split
Type			Wall Mounted					Compact Cassette	Slim Duct		Wall Mounted			Floor	Floor/Ceiling	Compact Cassette	Slim Duct	Mni Duct					
Model No.			ASAG09/12JGTA ASAG09JGTB	ASAG18JFCC	ASAG09/12LMCA	ASYG 07/09/12 LUCA	ASAG18/24LFCA	AUAG 09/12/14/18 LVLA	ARAG 09/12/14/18/24 LLLA		ASYG 07/09/12/14 LUCA	ASYG 07/09/12/14 LMCE	ASYG18LFCA ASYG24LFCC	AGYG 09/12/14 LVCA	ABYG14LVTA ABYG18LVTB	AUYG07/09LVLA AUYG12/14/18LVLB	ARYG07/09LLTA ARYG12/14/18LLTB	ARYG 07/09/12/14/18 LSLAP	AOYG36LBLA5 AOYG45LBLA6				
Controllers	Wired Remote Controller		● UTY-RNRYZ5															● UTY-RNRYZ5					
			● UTY-RLRY															● UTY-RLRY					
					● UTY-RVNYM	● UTY-RVNYM					● UTY-RVNYM	● UTY-RVNYM	● UTY-RVNYM (24)	● UTY-RVNYM	● UTY-RVNYM	● UTY-RVNYM (12/14/18)	● UTY-RVNYM	● UTY-RVNYM					
				● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM		● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM	● UTY-RNNYM					
																			● UTY-DMMYM				
	Compact Wired Remote Controller		● UTY-RCRYZ1															● UTY-RCRYZ1					
	Simple Remote Controller	 2-wire type 3-wire type	● UTY-RSRY UTY-RHRY	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM		● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSNYM	● UTY-RSRY UTY-RHRY UTY-RSNYM					
	IR Receiver Kit	 For Duct For Duct							● UTY-LRHYM								● UTY-LRHYM	● UTY-LBTYM					
	Interface	MODBUS™ Convertor																	● UTY-VMSX				
		KNX® Convertor																	● UTY-VKSX				
Wireless LAN Interface			● UTY-TFSXZ2	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3		● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3	● UTY-TFNXZ3 (07/09)	● UTY-TFNXZ3					
External switch controller						● UTY-TERX					● UTY-TERX	● UTY-TERX	● UTY-TERX (24)	● UTY-TERX	● UTY-TERX	● UTY-TERX (12/14/18)	● UTY-TERX	● UTY-TERX					
Network Convertor 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 (24) UTY-VTGXV (24)	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX (12/14/18) UTY-VTGXV (12/14/18)	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV					

Auto Louver Grille Kit

UTD-GXSA-W / UTD-GXSB-W / UTD-GXSC-W

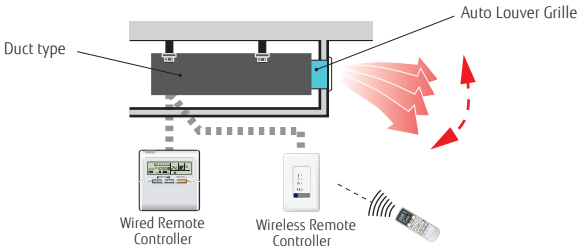


Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.

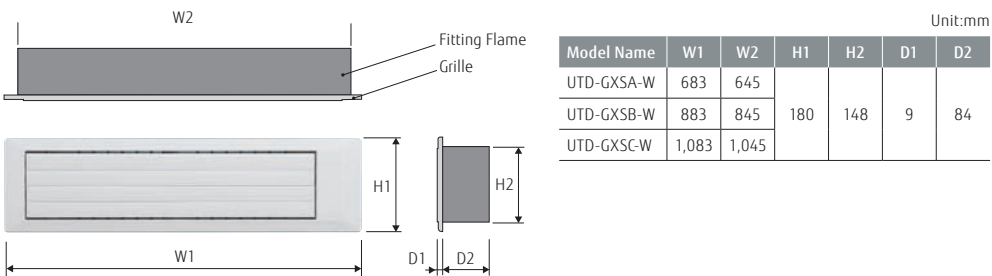


Flexible Control

- **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



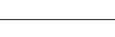
Specifications

Model name			UTD-GXSA-W	UTD-GXSB-W	UTD-GXSC-W
Applicable Indoor Unit			ARYG07/09LLTA ARYG12/14LLTB ARXD07/09/12/14GALH (For VRF) ARXD07/09/12/14GATH (For VRF) ARXD07/09/12/14LATH (For VRF) ARXK07/09/12/14GCLH (For VRF) ARXK07/09/12/14GALH (For VRF)	ARYG18LLTB ARXD18GALH (For VRF) ARXD18GATH (For VRF) ARXD18LATH (For VRF) ARXK18GCLH (For VRF) ARXK18GALH (For VRF)	ARXD24GALH (For VRF) ARXD24GATH (For VRF) ARXD24LATH (For VRF) ARXK24GCLH (For VRF) ARXK24GALH (For VRF)
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)	180 × 1,083 × (84 + 9)
Weight	Net	kg	2.0 (4.4)	2.5 (5.6)	3.0 (6.7)
	Gross	kg (lbs)	3.0 (6.7)	3.5 (7.8)	4.0 (8.9)
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		Cassette	Circular Flow Cassette	Wall Mounted			Wall Mounted		Compact Cassette	Circular Flow Cassette	Cassette	Floor/ Ceiling Universal	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct					
Model No.			ASYG09/12/14LUCA	ASAG18/24JFCB ASAG30JFTB	AUAG24LRLA-A AUAG36LRLC-A	AUAG36/45LRLD-A	ASAG 09/12/18/24 CPTA-V	ASAG09LLTB-V ASAG12LLTA-V		ASYG09/12LLCE	ASYG18/30LFCA ASYG24LFCC	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30/ 36/45/54 LRLB	AUAG 30/36/45/54 LRLA	ABYG18LVTB ABYG24LVTA	ABAG 30/36/45 LRTA	ARYG18LLTB	ARYG24LMLA ARAG 30/36/45 LMLA	ARYG 45/54/60 LHTA					
																								
Others	Human sensor kit					● UTY-SHZXC							● UTY-SHZXC											
	Remote Sensor Unit																● UTY-XSZX	● UTY-XSZX	● UTY-XSZX					
	Cassette Grille				● UTG-UGYA-W	● UTG-UKAASW						● UTG-UFYD-W	● UTG-UKYA-B UTG-UKYA-W UTG-UKYC-W	● UTG-UGYA-W										
	Auto Louver Grille Kit																● UTD-GXSB-W							
	Flange															● UTD-RF204		● UTD-RF204 UTD-SF045T						
	Drain Pump Unit																● UTR-DPB24T	● UTZ-PX1NBA						
	Wide Panel / Additional Grille				● UTG-AGYA-W	● UTG-AKXA-W							● UTG-AKXA-W	● UTG-AGYA-W										
	Panel Spacer				● UTG-BGYA-W	● UTG-BKXA-W							● UTG-BKXA-W	● UTG-BGYA-W										
	Fresh Air Intake Kit				● UTZ-VXGA	● UTZ-VXRA						● UTZ-VXAA	● UTZ-VXRA	● UTZ-VXGA										
	Air Outlet Shutter Plate				● UTR-YDZC	● UTR-YDZK						● UTR-YDZB	● UTR-YDZK	● UTR-YDZC										
	Insulation Kit For High Humidity				● UTZ-KXGA	● UTZ-KXRA						● UTZ-KXGC	● UTZ-KXRA	● UTZ-KXGA										
	Silver ion filter II			● UTR-FA16-8 (30)			● UTR-FA16-7																	
	Long-life filter																	● UTD-LF25NA	● UTD-LF60KA (45/54)					
	Remote controller holder							● UTZ-RXLA		● UTZ-RXLA														
External Connect Kit / Communication Kit	Communication Kit		● UTY-TWBXF UTY-TWBXF2	● UTY-XWNX																				
	External input and output PCB					● UTY-XCSX							● UTY-XCSX											
	External input and output PCB Box					● UTZ-GXRA							● UTZ-GXRA											
	External Connect Kit (For indoor)		● UTY-XWZX25	● UTY-XWZX	● UTY-XWZX	● UTY-XWZXZG					● UTY-XWZX	● UTY-XWZX	● UTY-XWZXZG	● UTY-XWZX	● UTY-XWZX	● UTY-XWZX								
	External Connect Kit (For outdoor)				● UTY-XWZXZ3 (36)	● UTY-XWZXZ3							● UTY-XWZXZ3 (45/54)			● UTY-XWZXZ3 (36/45)	● UTY-XWZXZ3 (36/45)							
	External Control Set				● UTD-ECSSA									● UTD-ECSSA		● UTD-ECSSA	● UTD-ECSSA	● UTD-ECSSA	● UTD-ECSSA					

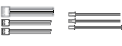


Multi-Split Optional Parts List-INVERTER

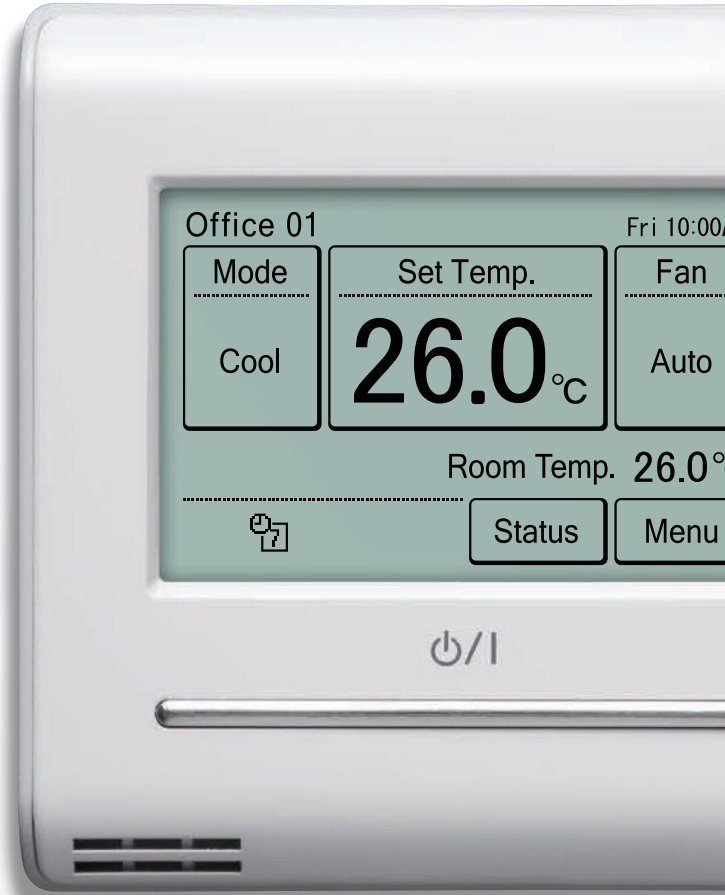
			Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split											
Type			Wall Mounted			Cassette			Duct			Floor	Ceiling	
Series			Designer Series	Standard Series		Compact 4-way Flow Grid type Series		Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure				
Model No.			ASYG07/09/12/14KGTE	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	AGYG09/12/14KVCA	ABYG18/22KRTA
Others	Remote Sensor Unit							● UTY-XSZX	● UTY-XSZX	● UTY-XSZX				
	Cassette Grille					● UTG-UFYF-W								
	Auto Louver Grille Kit							● UTD-GXTA-W (07/09/12/14) UTD-GXTB-W (18)	● UTD-GXTA-W (07/09/12/14) UTD-GXTB-W (18)					
	Flange										● UTD-RF204 UTD-SF04ST			
	Drain Pump Unit										● UTZ-PX1NBA			● UTR-DPB24T
	Fresh Air Intake Kit	 For Compact Cassette				● UTZ-VXAA								
	Air Outlet Shutter Plate	 For Compact Cassette				● UTR-YDZB								
	Insulation Kit For High Humidity	 For Compact Cassette				● UTZ-KXGC								
	Half Concealed Kit											● UTR-STA		
	Silver ion filter II		● UTR-FA16-7	● UTR-FA16-7	● UTR-FA16-7									
	Long-life filter										● UTD-LF25NA			
L-type piping kit													● UTP-FX24A	
External Connect Kit / Communication Kit	Communication Kit											● UTY-TWRXZ3		
	External input and output PCB		● UTY-XCSXZ2	● UTY-XCSXZ2	● UTY-XCSXZ2	● UTY-XCSX								● UTY-XCSX
	External Connect Kit (For indoor)		● UTY-XWZX UTY-XWZXZ5	● UTY-XWZX UTY-XWZXZ5	● UTY-XWZX UTY-XWZXZ5	● UTY-XWZXZG		● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZ5		● UTY-XWZXZG



Multi-Split Optional Parts List-INVERTER

			Indoor Units for 2-unit, 3-unit, 4-unit Multi-split										Indoor Units for 5-unit, 6-unit Multi-split					Outdoor Unit for 5-unit, 6-unit Multi-split
Type			Wall Mounted					Compact Cassette	Compact Cassette	Wall Mounted			Floor	Floor/Ceiling	Compact Cassette	Slim Duct	Mni Duct	
Model No.			ASAG09/12JGTA ASAG09JGTB	ASAG18JFCC	ASAG09/12LMCA	ASYG 07/09/12 LUCA	ASAG18/24LFCA	AUAG 09/12/14/18 LVLA	ARAG 09/12/14/18/24 LLLA	ASYG 07/09/12/14 LUCA	ASYG 07/09/12/14 LMCE	ASYG18LFCA ASYG24LFCC	AGYG 09/12/14 LVCA	ABYG14LVTA ABYG18LVTB	AUYG07/09LVLA AUYG12/14/18LVLB	ARYG07/09LLTA ARYG12/14/18LLTB	ARYG 07/09/12/14/18 LSLAP	AOYG36LBLA5 AOYG45LBLA6
Others	Remote Sensor Unit								● UTY-XSZX								● UTY-XSZX	
	Cassette Grille							● UTG-UFYD-W							● UTG-UFYD-W			
	Auto Louver Grille Kit								● UTD-GXSA-W (09/12/14) UTD-GXSB-W (18) UTD-GXSC-W (24)							● UTD-GXSA-W (09/12/14) UTD-GXSB-W (18)	● UTD-GXSA-W (09/12/14) UTD-GXSB-W (18)	
	Fresh Air Intake Kit	 For Compact Cassette						● UTZ-VXAA							● UTZ-VXAA			
	Air Outlet Shutter Plate	 For Compact Cassette						● UTR-YDZB							● UTR-YDZB			
	Insulation Kit For High Humidity	 For Compact Cassette						● UTZ-KXGC							● UTZ-KXGC			
	Half Concealed Kit												● UTR-STA					
	Silver ion filter II		● UTR-FA16-7															
External Connect Kit / Communication Kit	Communication Kit		● UTY-TWRXZ2		● UTY-XCBXZ2	● UTY-TWBXF UTY-TWBXF2				● UTY-TWBXF UTY-TWBXF2	● UTY-XCBXZ2							
	External input and output PCB		● UTY-XCSXZ2															
	External Connect Kit (For Indoor)		● UTY-XWZX	● UTY-XWZX	● UTY-XWZXZ5	● UTY-XWZXZ5	● UTY-XWZX	● UTY-XWZX	● UTY-XWZX	● UTY-XWZXZ5	● UTY-XWZXZ5	● UTY-XWZX	● UTY-XWZX	● UTY-XWZX	● UTY-XWZX	● UTY-XWZX	● UTY-XWZXZG	
	External Control Set							● UTD-ECSSA								● UTD-ECSSA	● UTD-ECSSA	

Optional Parts Lineup
For Split & Multi-Split

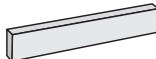


Split / Multi-Split Optional Parts Lineup

Controllers

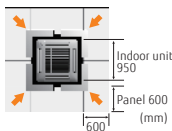
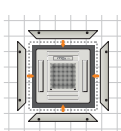
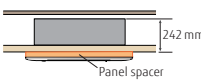
For Individual & Centralized Control		
NEW Wired Remote Controller UTY-RNRYZ5 	Wired Remote Controller UTY-RLRY 	Wired Remote Controller UTY-RVNYM 
Compact Wired Remote Controller UTY-RCRYZ1 	Wired Remote Controller UTY-RNNYM 	Simple Remote Controller UTY-RSRY with operation mode UTY-RHRY without operation mode  
Simple Remote Controller UTY-RSNYM 	NEW Wireless Remote Controller UTY-LNTY 	Central Remote Controller UTY-DMMYM For 5-unit, 6-unit Multi-split 

Others

For Duct type			
Remote Sensor Unit UTY-XSZX New amenity space can be offered by installing the Remote sensor. 	IR Receiver Kit UTY-LRHYM UTY-LBTYM  	Auto Louver Grille Kit UTD-GXTA-W / UTD-GXSA-W (For 07-14 type) UTD-GXTB-W / UTD-GXSB-W (For 18 type) UTD-GXSC-W (For 24 type) 	
Long-Life Filter UTD-LF60KA UTD-LF25NA  	Flange UTD-RF204 (Round) UTD-SF045T (Square)  	Drain Pump Unit UTZ-PX1NBA For Medium Static Pressure Duct 	
For Wall Mounted type		For Floor type	
Remote controller holder UTZ-RXLA 	NEW Silver ion filter II UTR-FA16-7 / UTR-FA16-8  UTR-FA16-7  UTR-FA16-8	Half Concealed Kit UTR-STA This kit is used to half conceal floor type indoor unit into the wall. 	
For Ceiling type			
Drain Pump Unit UTR-DPB24T-DPB24T 	IR Receiver unit UTY-LBTYH 	Flange UTD-RF204 (Round) 	L type piping kit UTP-FX24A 

Split / Multi-Split Optional Parts Lineup

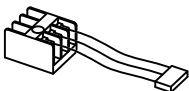
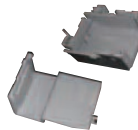
Others

For Cassette type		
Remote Sensor Unit UTY-XSZX New amenity space can be offered by installing the Remote sensor. 	Human sensor kit UTY-SHZXC For Circular Flow Cassette 	IR Receiver Kit UTY-LRHYA2 For Cassette   UTY-LBTYC For Circular Flow Cassette
Wide Panel UTG-AKXA-W 	Additional Grille UTG-AGYA-W For Cassette 	Cassette Grille UTG-UFYF-W For Compact Cassette 
Cassette Grille UTG-UKYC-W For Circular Flow Cassette 	Cassette Grille (Black panel) UTG-UKYA-B For Circular Flow Cassette 	Cassette Grille (with Remote Controller) UTG-UKAASW UTG-UKYA-W For Circular Flow Cassette For Circular Flow Cassette  
Cassette Grille UTG-UFYD-W For Compact Cassette 	Cassette Grille UTG-UGYA-W 	Panel Spacer UTG-BKXA-W / UTG-BGYA-W 
Fresh Air Intake Kit UTZ-VXAA / UTZ-VXGA 	Fresh Air Intake Kit UTZ-VXRA 	Insulation Kit For High Humidity UTZ-KXGA / UTZ-KXRA / UTZ-KXGC 
Air Outlet Shutter Plate UTR-YDZB / UTR-YDZC For Compact Cassette Shuts the air outlet when only using as 3 blow out. 	Air Outlet Shutter Plate UTR-YDZK Shuts the air outlet when only using as 3 blow out. 	

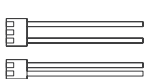
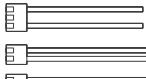
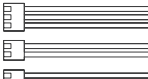
Service & Maintenance

Service Monitoring Tool UTY-ASSX 		
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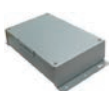
Communication devices

Communication Kit / External input and output PCB / Box		
Communication Kit UTY-TWBXF / UTY-XCBXZ1 / UTY-XCBXZ2 UTY-TWRXZ2 / UTY-TWBXF2 For Compact Wall Mounted type 	Communication Kit UTY-XWNX 	External input and output PCB UTY-XCSXZ2 / UTY-XCSX 
External input and output PCB Box UTZ-GXRA 		

Communication system

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

Convertors / Adaptors

External device		
Wireless LAN Interface UTY-TFNXZ3 UTY-TFSXF3 UTY-TFSXZ2  	Modbus Converter UTY-VMSX 	KNX Converter UTY-VKSX 
External Switch controller UTY-TERX 	Network converter UTY-VTGX UTY-VTGXV DC Power Supply Type 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	—	—	—	—	●	—
	Emergency stop	—	—	—	—	●	—
Output	Operation status	●	●	●	●	●	—
	Error status	—	●	●*1	●	●	—
	Fresh air control	—	—	●*2	—	—	—
	Auxiliary heater	—	—	●*3	—	—	—
	Preparation	—	—	●*4	—	—	—
	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.