



PRODUCT LINEUP

SPLIT & MULTI SPLIT

For LIGHT COMMERCIAL & RESIDENTIAL



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.

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SPLIT

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058 Wall Mounted Designer Range Series

- High Spec & Design

060 Wall Mounted Standard Range Series

- High Efficiency & Comfort

062 Wall Mounted ECO Range Series

- Comfort for Large Room

Refrigerant type R410A models

064 Wall Mounted Designer Range Series

- High Spec & Design

- High COP

068 Wall Mounted Standard Range Series

- High Efficiency & Comfort

- Comfort for Large Room

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- Compact & Comfort

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MULTI SPLIT

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SPLIT OVERVIEW

Fujitsu General provides our customers with 6 types and 86 models air conditioning system ideal for various customer applications and layout.



Flagship Range Series



Designer Range Series



4-way Flow Series



Circular Flow Series



Slim Duct



Medium Static Pressure Duct



High Static Pressure Duct



For ceiling installation



Wall Mounted

Installation work is simple and easy for wall mounted type. We have pursued airflow control and energy saving including our dual side fan equipped flagship models. At the same time, their flat and simple designs that match the interior are also attractive. We have a lineup with many models that have adopted the new environmentally friendly R32 refrigerant.

- 056 Flagship Range Series
- 058 Designer Range Series
- 060 Standard Range Series
- 062 ECO Range Series

- 064 Designer Range Series
- 068 Standard Range Series
- 074 ECO Range Series

Cassette

Cassette type adapts to the interior. This type blows air in four directions to perform the air conditioning of entire spaces evenly. We have a variety of series including Compact models that have adopted a new design panel to match grid ceilings and Circular Flow models that deliver air in 360° directions.

- 076 Compact 4-way Flow Series
- 078 Circular Flow Series
- 080 4-way Flow Series

Duct

The main unit of this type cannot be seen, so your interior will feel clear. We have Mini Duct and Slim Duct models available to also enable installation in narrow spaces in beams or above the ceiling. For a large model suitable for air conditioning vast spaces, multiple outlets can be installed by only one unit. Therefore, these models are recommended for unusual room layout.

- 082 Mini Duct
- 084 Slim Duct
- 086 Medium Static Pressure Duct
- 090 High Static Pressure Duct
- 092 Big Duct

Floor

Floor type with compact and slim design is suitable for installation in both residential and commercial. This model is recommended as heating device because it blows warm airflow from both above and below outlets.



Installation under window is available.

Floor/Ceiling

Two types of installation method – floor installation and ceiling installation – can be selected. This model has a compact design with a width of 990 mm and a depth of just 199 mm (ceiling installation: height). This means they can handle various installation conditions.



For floor installation

Ceiling

Installation work is as easy as with wall mounted type. This model can be installed neatly because it has a thin design with a height of 240 mm. It delivers a powerful wind far away from a wide outlet. Therefore, this model is ideal for oblong rooms such as large meeting rooms and audiovisual rooms with depth.

SPLIT Indoor Units Lineup

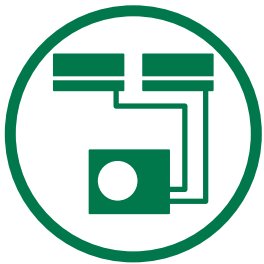


FUJITSU GENERAL (Euro) GmbH participates in the ECP programme for AIR CONDITIONERS. Check ongoing validity of certificate: www.eurovent-certification.com * Models so marked are not ECC certified.

Type	Series	Refrigerant	Model		BTU													
					7	9	12	14	18	24	30	36	45	54	60	72	90	
Wall Mounted Page 056~	Flagship Range Series nocria X			ASYG-- KXCA		● 09	● 12											
	Designer Range Series High Spec & Design			ASYG-- KGTA	● 07	● 09	● 12	● 14										
	Standard Range Series High Efficiency & Comfort			ASYG-- KMTA 	● 07*	● 09*	● 12*	● 14*										
	ECO Range Series Comfort for Large Room			ASYG-- KLCA 					● 18*	● 24*								
	Designer Range Series High Spec & Design	R410A		ASYG-- LTCA		● 09	● 12											
	Designer Range Series High COP			ASYG-- LUCA	● 07	● 09	● 12	● 14										
	Standard Range Series High Efficiency & Comfort			ASYG-- LMCE	● 07	● 09	● 12	● 14										
	Standard Range Series Comfort for Large Room			ASYG-- LFCA, LFCC					● 18LFCA	● 24LFCC	● 30LFCA							
				ASYG-- LMTA							● 30	● 36						
ECO Range Series Compact & Comfort			ASYG-- LLCE	● 07	● 09	● 12												
Cassette Page 076~	Compact 4-way Flow Series Compact & Comfort	R410A		AUYG-- LVLB, LVLA			● 12LVLB	● 14LVLB	● 18LVLB	● 24LVLA								
	Circular Flow Series Comfort for Large Room			AUXG-- LRLB					● 18	● 24	● 30	● 36	● 45	● 54				
	4-way Flow Series Comfort for Large Room			AUYG-- LRLE, LRLA							● 30LRLE	● 36LRLE 36LRLA	● 45LRLA	● 54LRLA				
Duct Page 082~	Mini Duct	R410A		ARYG-- LSLAP			● 12*	● 14*	● 18*									
	Slim Duct			ARYG-- LLTB			● 12	● 14	● 18									
	Medium Static Pressure Duct Compact & Comfort			ARYG-- LHTBP			● 12	● 14	● 18	● 24	● 30	● 36	● 45	● 54				
	Medium Static Pressure Duct Standard			ARYG-- LMLA, LMLE						● 24LMLA	● 30LMLE	● 36LMLE 36LMLA	● 45LMLA					
	High Static Pressure Duct			ARYG-- LHTA									● 45	● 54	● 60			
	Big Duct			ARYG-- LHTA													● 72*	● 90*
Floor Compact & Comfort Page 094		R410A		AGYG-- LVCA		● 09	● 12	● 14										
Floor/Ceiling Comfort & Dual Design Page 096		R410A		ABYG-- LVTB, LVTA					● 18LVTB	● 24LVTA								
Ceiling Comfort for Large Room Page 098		R410A		ABYG-- LRTE, LRTA							● 30LRTE	● 36LRTE 36LRTA	● 45LRTA	● 54LRTA				

MULTI SPLIT OVERVIEW

Space-saving multi outdoor units can connect up to 8 indoor units in multiple rooms.



2-8 Rooms Multi



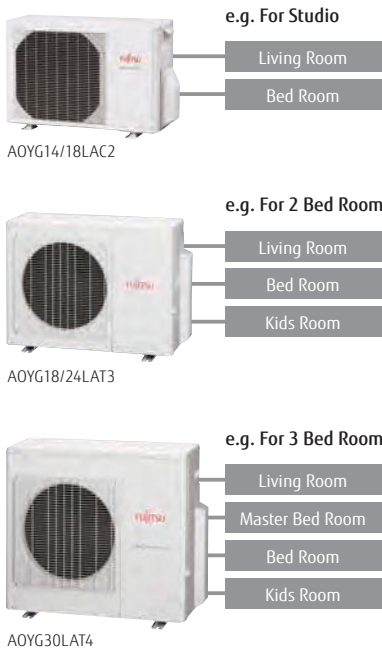
2-8 Rooms Multi type is recommended for situations that require air conditioning in multiple rooms such as in family house or offices. It can operate a minimum of 2 units to a maximum of 8 units. and for Central Remote Controller, only one remote controller can control the indoor unit operating schedule of each room and set the energy saving. Due to space - saving outdoor unit enables installation on balcony or under a waist-high window.

Simultaneous Multi

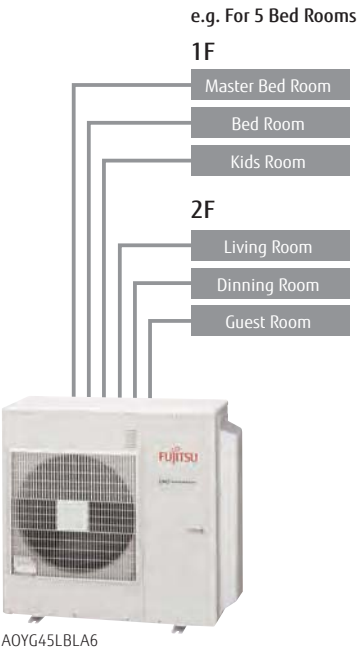


Simultaneous Multi type is recommended for situations where multiple indoor units need to be operated simultaneously such as for small building for small office building entrance, meeting room, educational facility hall, and other large spaces. Up to 4 indoor units can be operated simultaneously. This type is suitable for office spaces with large areas and properties with unusual floor layout.

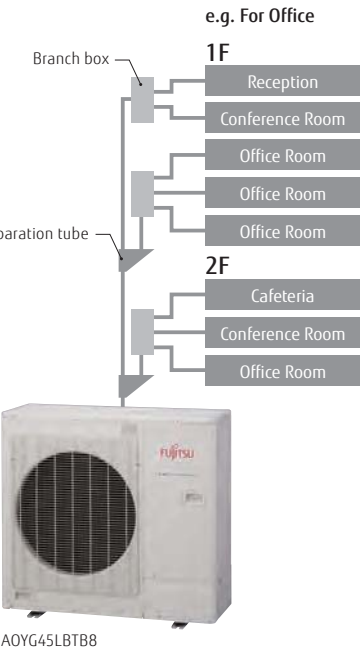
2 & 3-4 Rooms Multi



5-6 Rooms Multi



8 Rooms Multi



Twin/Triple



Twin/Triple/Double Twin



MULTI SPLIT Outdoor Units Lineup



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Model code			14	18	24	30	36	45	54	72	90		
Cooling rated capacity(kW)			4	5	5.4	6.8	8	10	12.5	14	14	19	22
2 & 3-4 Rooms Multi Page 100	2 Rooms Multi Up to 2 units	 Outdoor unit	● AOYG 14LAC2	● AOYG 18LAC2									
	3 Rooms Multi Up to 3 units	 Outdoor unit			● AOYG 18LAT3*	● AOYG 24LAT3*							
	4 Rooms Multi Up to 4 units	 Outdoor unit					● AOYG 30LAT4*						
5-6 Rooms Multi Page 102	5 Rooms Multi Up to 5 units	 Outdoor unit						● AOYG 36BLA5*					
	6 Rooms Multi Up to 6 units	 Outdoor unit							● AOYG 45BLA6*				
8 Rooms Multi Up to 8 units Page 104		 Outdoor unit								● AOYG 45LBT8*			
Simultaneous Multi Page 106 ~	Twin/Triple Single phase	 Outdoor unit						● AOYG 36LBTB	● AOYG 45LBTB*1		● AOYG 54LBTB*2		
	Twin/Triple 3 phase	 Outdoor unit						● AOYG 36LATT	● AOYG 45LATT		● AOYG 54LATT		
	Twin/Triple/ Double Twin 3 phase	 Outdoor unit										● AOYG 72LRLA	● AOYG 90LRLA

• All model refrigerant types are R410A. Cooling rated capacity: *1: 12.1 kW *2: 13.3 kW

Note: **1. 2 Rooms Multi:** Connectable indoor units are 2 units.
AOYG14LAC2: Total capacity of indoor units connected must be between 4.0 kW and 6.0 kW.
AOYG18LAC2: Total capacity of indoor units connected must be between 4.0 kW and 7.0 kW.

2. 3 Rooms Multi: Connectable indoor units are 2 to 3 units.
AOYG18LAT3: Total capacity of indoor units connected must be between 4.0 kW and 8.5 kW.
AOYG24LAT3: Total capacity of indoor units connected must be between 4.0 kW and 10.5 kW.

3. 4 Rooms Multi: Connectable indoor units are 3 to 4 units.
AOYG30LAT4: Total capacity of indoor units connected must be between 7.5 kW and 14.0 kW.

4. 5 Rooms Multi: Connectable indoor units are 2 to 5 units
AOYG36BLA5: Total capacity of indoor units connected must be between 7.5 kW and 15.5 kW.

5. 6 Rooms Multi: Connectable indoor units are 2 to 6 units
AOYG45BLA6: Total capacity of indoor units connected must be between 9.5 kW and 18.0 kW.

6. 8 Rooms Multi: Connectable indoor units are 2 to 8 units
AOYG45LBT8: Total capacity of indoor units connected must be between 11.0 kW and 18.0 kW.

CORE TECHNOLOGY

For SPLIT & MULTI SPLIT



SPLIT

MULTI SPLIT

High Efficiency



Optimized Inverter Control



V-PAM (Vector + I-PAM) inverter control

V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology. With this technology, further miniaturization, higher efficiency, and better performance are attained.



i-PAM (IPM*+PAM) inverter control

i-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform. This promotes the effective use of the input power supply to attain high performance.

IPM*: Intelligent Power Module



All DC Inverter Technology



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.

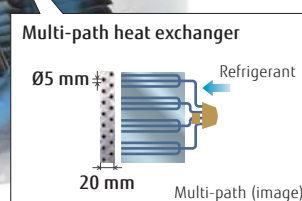
Heat Exchanger

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 type, VRF)



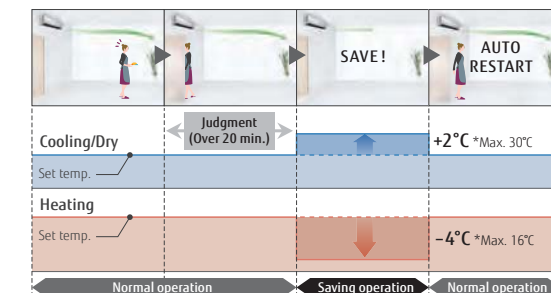
High Energy Saving



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.



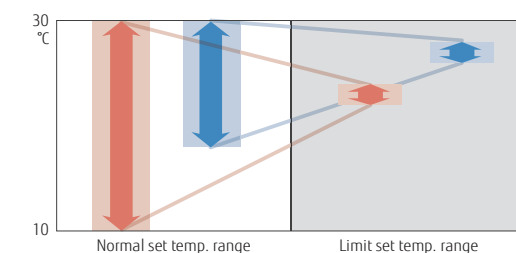
Economy operation

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



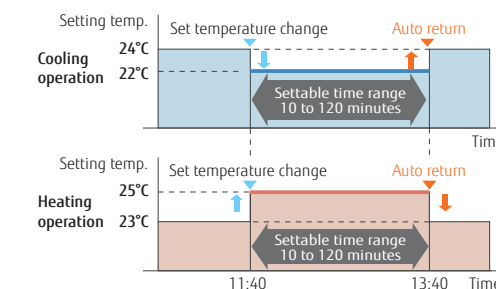
Room temperature set point limitation

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



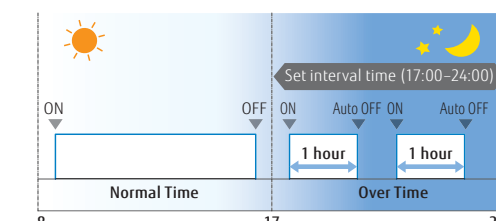
Set temperature auto return

- 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



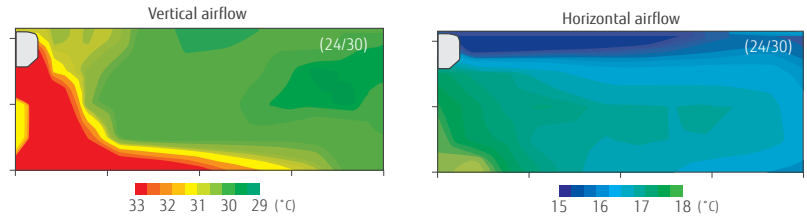
Powerful heating

High heating capacity is realized even at low outdoor temperature by mounting a large heat exchanger or large DC rotary compressor and developing high performance inverter PCB



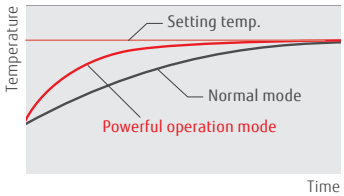
Power diffuser

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



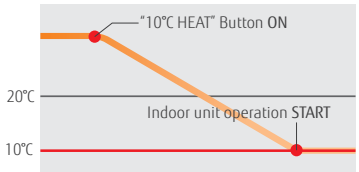
Powerful operation

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



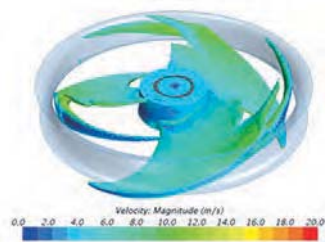


Quiet and Comfort Control

Low Noise Technology

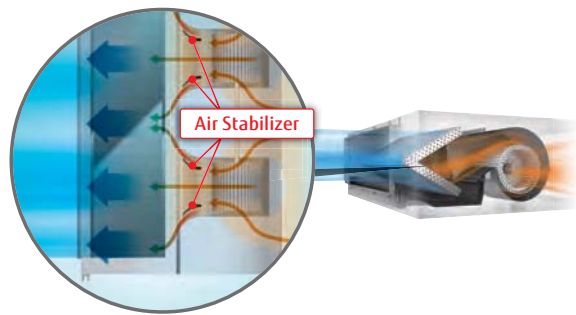
Outdoor unit Fan

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



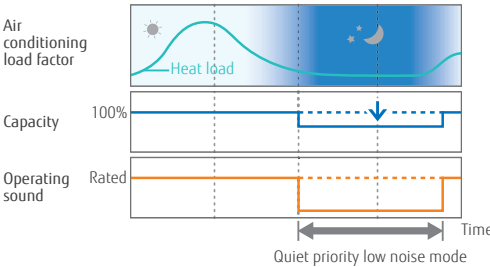
Air Stabilizer in Duct

Low noise duct structure with a built-in air stabilizer



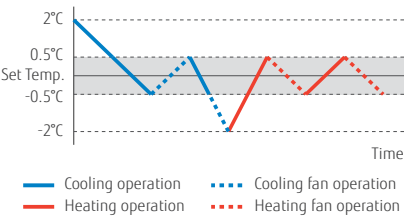
Outdoor unit low noise operation

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

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



Feature Explanation



Energy Saving Function

- Dual side fans**
The comfortable space can be created with Hybrid Airflow, which combines different temperatures of air current and velocities.
- Economy mode**
Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.
- 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.
- Save & Stop human sensor**
Human sensor (option) detects movement of people in the room and decides whether to save energy or stop the unit.
- Set temperature auto return**
The setting temperature automatically returns to the previously set temperature.

Comfortable Function

- Powerful heating**
Keeping the rated heating capacity even when the outdoor ambient temperature is -7°C.
- 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.
- Power diffuser**
An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.
- 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.
- Server room operation**
Interlock operation is possible by connecting 2 indoor units even in the low temperature.
- 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.

Convenient Function

- Auto off timer**
Automatically stops operation when a fixed time has elapsed from the start of operation.
- Weekly timer**
Different ON-OFF times can be set for each day.
- External error output**
- Sleep timer**
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- Weekly + setback timer**
Weekly + Setback timer can set temperature for two times spans and for each day of the week.
- External ON/OFF input**
- 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.
- Wireless LAN control**
The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Clean Function

- Plasma air clean**
The electrostatic precipitator removes dust particles such as pollens and house dust. It is washable and can be always maintained clean.
- Apple-catechin filter**
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.
- Filter auto clean**
The dust collected by the air filter is automatically removed. A routine disposal of the dust stored in the dust box is necessary.
- Long life filter**
- 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.

Installation

- Automatic airflow adjustment**
Automatically detects required airflow in each application case and adjusts the volume.
- Drain pump as standard**
- Blue fin**

- ALL DC** All DC models
- i-PAM** i-PAM control models
i-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform.
- V-PAM** V-PAM control models
V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology.

Wall Mounted
Flagship Range



nocria™X

ALL
DC



Comfortable airflow control to prevent
the body from being exposed to airflow



The comfortable space can be created
with Hybrid Airflow, which combines
different temperatures of air current
and velocities.



*1: Announced 2012. In room air conditioner for the home (Our company's investigation)

Filter Auto Clean



Dust on the filter is automatically removed to
prevent power from being wasted by the clogged
filter.



*2: Announced 2002. In room air conditioner for the home (our company's investigation)

Plasma Air Clean

Air is cleaned with an electric dust collecting technology.
Pollen, house dust and other tiny pollutants are collected and
removed with static electricity.



Human Sensor

The Human sensor detects movement of people in a room and operates at reduced capacity
when people leave the room. When people return to the room, the system automatically
returns to the previous room settings.



Rank
A+++
SEER **8.5** *3 SCOP **5.1** *3
*3: All classes

Model: ASYG09KXCA / ASYG12KXCA



Wireless R.C.



Wireless
LAN Interface

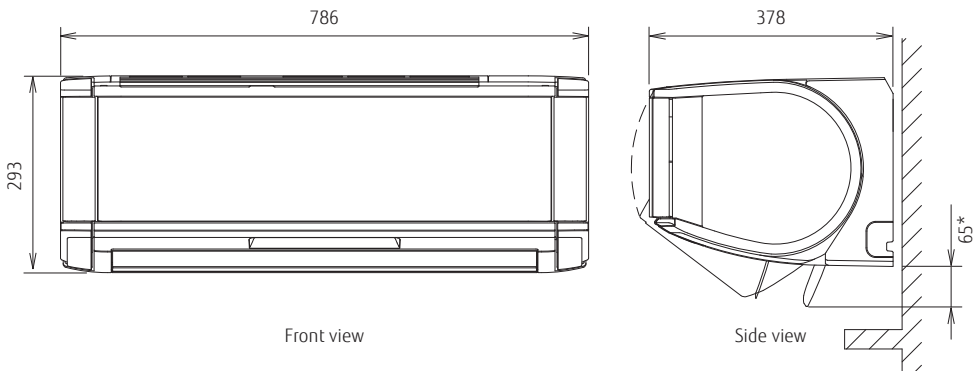


Specifications

Model No.	Indoor unit		ASYG09KXCA		ASYG12KXCA		
	Outdoor unit		AOYG09KXCA		AOYG12KXCA		
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.5 (0.6-3.5)		3.4 (0.6-5.3)		
	Heating		3.6 (0.6-7.1)		5.0 (0.6-9.0)		
Input Power	Cooling/Heating	kW	0.460/0.630		0.670/1.020		
EER	Cooling	W/W	5.45		5.09		
COP	Heating		5.72		4.90		
Pdesign	Cooling/Heating(-10°C)	kW	2.5/3.4		3.4/3.5		
SEER	Cooling	W/W	8.50		8.50		
SCOP	Heating (Average)		5.10		5.10		
Energy Efficiency Class	Cooling	A+++		A+++			
	Heating (Average)	A+++		A+++			
Max. Operating Current	Cooling/Heating	A	8.5/14.0		9.0/16.0		
Annual Energy Consumption	Cooling	kWh/a	103		140		
	Heating		934		961		
Moisture Removal		l/h	1.1		1.2		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	46/42/38/28		46/42/38/28	
	Indoor (Heating)	H/M/L/Q		48/43/39/30		48/43/39/30	
Sound Power Level	Outdoor(Cooling/Heating)	High		40/41		44/43	
	Indoor(Cooling/Heating)	High		58/62		58/62	
	Outdoor(Cooling/Heating)	High		53/57		57/57	
	Indoor / Outdoor (Cooling)	High		670/1,975		670/2,230	
Indoor / Outdoor (Heating)	810/1,820		810/1,975				
Net Dimensions H x W x D	Indoor	mm	293×786×378				
		kg(lbs)	20 (44)				
Weight	Outdoor	mm	704×820×315				
		kg(lbs)	41 (90)				
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52				
Drain hose Diameter (I.D./O.D.)			13.8 / 15.8 to 16.7				
Max Pipe Length (Pre-Charge)		m	15 (15)				
Max Height Difference			10				
Operation Range	Cooling		°CDB	-10 to 43			
	Heating	-15 to 24					
Refrigerant	Type (Global Warming Potential)		R32 (675)				
	Charge		1.30 (0.9)				

Dimensions

(Unit : mm)



*Dimensions in case of air flowing downward

Wall Mounted
Designer Range
High Spec & Design

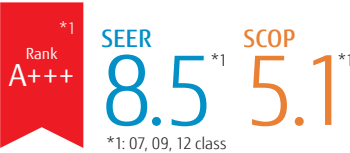


ALL
DC



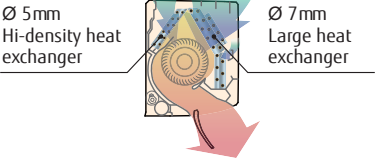
High energy saving

Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.



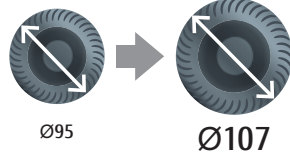
Hybrid-heat exchanger

The heat exchange efficiency has been significantly improved with the large hybrid heat exchanger, attaining the top-level SEER and SCOP.



Ø107 Large cross-flow fan

With the large-diameter fan, efficient air volume can be obtained at low power.



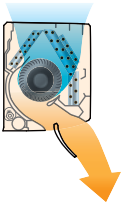
Human sensor

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.



Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



19dB(A)
(07/09/12)
Only cooling
14 model is 20dB(A)

Smartphone Control (Option)

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



Wireless LAN Interface

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

Model: ASYG07KGTA / ASYG09KGTA / ASYG12KGTA / ASYG14KGTA



Specifications

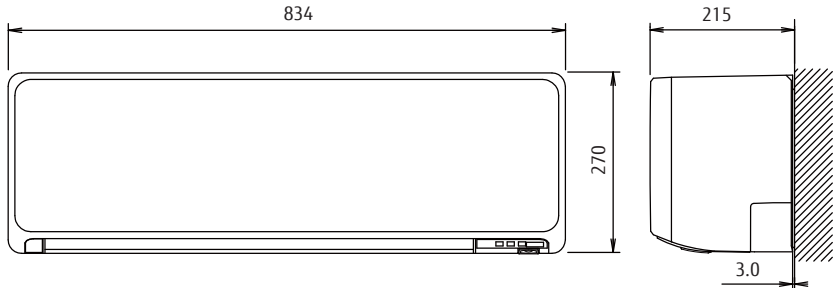
Model No.	Indoor unit		ASYG07KGTA	ASYG09KGTA	ASYG12KGTA	ASYG14KGTA
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0	2.5	3.4	4.2
	Heating	kW	2.5	2.8	4.0	5.4
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling	W/W	5.00	4.50	4.22	3.57
COP	Heating	W/W	5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	8.52	8.52	8.51	7.11
SCOP	Heating (Average)	W/W	5.12	5.11	5.10	4.31
Energy Efficiency Class	Cooling		A+++	A+++	A+++	A++
	Heating (Average)		A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	82	103	140	207
	Heating	kWh/a	628	658	685	1298
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/21	42/36/31/21	42/38/33/21	44/39/33/24
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	46/48	50/50	50/50
	Indoor(Cooling/Heating)	High	54/56	55/57	56/58	57/59
Airflow Rate	Indoor / Outdoor	High	650/1610	700/1610	700/1680	770/1680
		m³/h				
Net Dimensions H x W x D	Indoor	mm	270×834×215			
		kg(lbs)	10			
Weight	Outdoor	mm	542×799×290			
		kg(lbs)	30	30	31	32
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52			
Drain hose Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7			
Max Pipe Length (Pre-Charge)		m	20 (15)			
Max Height Difference		m	15			
Operation Range	Cooling	°CDB	-10 to 46			
	Heating	°CDB	-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg(CO2eq-T)	0.75 (0.5)	0.75 (0.5)	0.85 (0.6)	0.85 (0.6)

Optional parts

Wired Remote Controller: UTY-RNRYZ2, UTY-RLRY
External Input and Output PCB: UTY-XCSXZ2
Communication kit: UTY-TWRXZ2
Wireless LAN Interface: UTY-TFSXW1
External connect kit: UTY-XWZX

Dimensions

(Unit : mm)



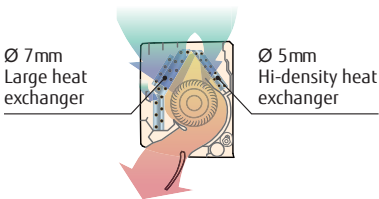
PRODUCT LINEUP: SPLIT



Slim & stylish square design

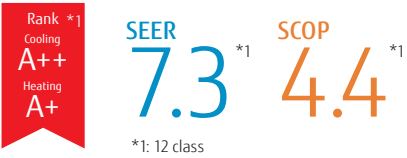
Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.

Hybrid-heat exchanger



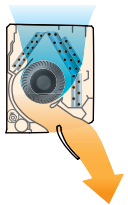
High energy saving

Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.



Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



20dB(A)
Only cooling
14 model is 20dB(A)

Smartphone Control (Option)

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



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

Model: ASYG07KMTA / ASYG09KMTA / ASYG12KMTA / ASYG14KMTA



Wireless R.C.



For ASYG07/09/12KMTA



For ASYG14KMTA

Specifications

Model No.	Indoor unit		ASYG07KMTA	ASYG09KMTA	ASYG12KMTA	ASYG14KMTA	
	Outdoor unit		AOYG07KMTA	AOYG09KMTA	AOYG12KMTA	AOYG14KMTA	
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)	
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)	
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410	
EER	Cooling	W/W	4.43	3.97	3.65	3.44	
COP	Heating		4.52	4.52	4.17	3.83	
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0	
SEER	Cooling	W/W	7.40	7.40	7.30	6.90	
SCOP	Heating (Average)		4.10	4.10	4.40	4.10	
Energy Efficiency Class	Cooling		A++	A++	A++	A++	
	Heating (Average)		A+	A+	A+	A+	
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0	
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213	
	Heating		785	819	795	1367	
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20	
	Indoor (Heating)	H/M/L/Q	41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24	
	Outdoor(Cooling/Heating)	High	46/46	46/46	50/50	50/50	
Sound Power Level	Indoor(Cooling/Heating)	High	54/56	55/57	55/58	57/59	
	Outdoor(Cooling/Heating)	High	61/61	61/62	65/65	65/66	
Airflow Rate	Indoor / Outdoor	High	m³/h	650/720	700/750	700/770	770/800
Net Dimensions H x W x D	Indoor	mm	270×834×222	270×834×222	270×834×222	270×834×222	
		kg(lbs)	10	10	10	10	
Weight	Outdoor	mm	541×663×290	541×663×290	541×663×290	542×799×290	
		kg(lbs)	23	23	25	31	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Drain hose Diameter (I.D./O.D.)			mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			mm	15	15	15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg(CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)	

*:That specification is not fixed yet.

Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

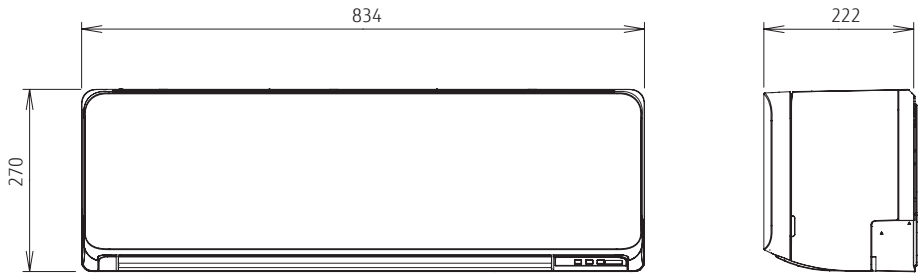
External connect kit: UTY-XWZXZ5

Communication kit: UTY-TWBXF2

Wireless LAN Interface: UTY-TFSXW1

Dimensions

(Unit : mm)





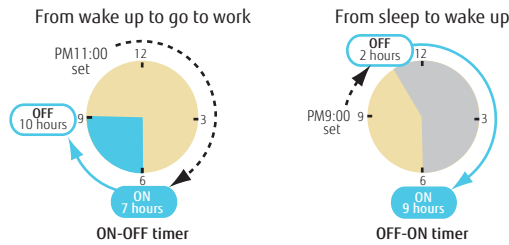
Narrow width & Compact Design

Powerful airflow is realized despite 790mm width compact design.



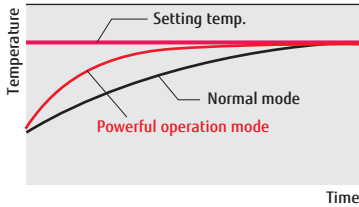
ON-OFF Programmable timer

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)



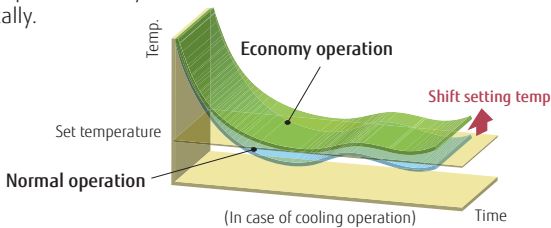
Powerful operation

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

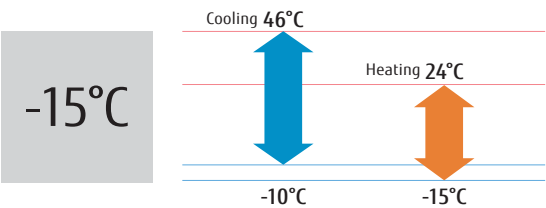


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Model: ASYG18KLCA / ASYG24KLCA



Wireless R.C.



For ASYG18KLCA



For ASYG24KLCA

Specifications

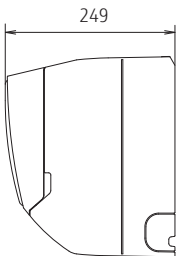
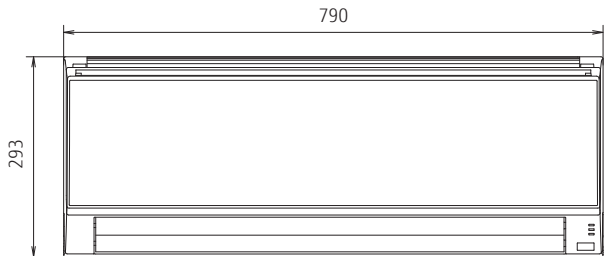
Model No.	Indoor unit		ASYG18KLCA		ASYG24KLCA		
	Outdoor unit		A0YG18KLTA		A0YG24KLTA		
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	5.2(0.9~5.5)		7.1(0.9~7.7)		
	Heating		6.3(0.6~6.6)		8.0(0.9~9.0)		
Input Power	Cooling/Heating	kW	1.685/1.80		2.42/2.225		
EER	Cooling	W/W	3.09		2.93		
COP	Heating		3.50		3.60		
Pdesign	Cooling/Heating(-10°C)	kW	5.20/4.80		7.10/7.10		
SEER	Cooling	W/W	7.20		7.10		
SCOP	Heating (Average)		4.30		4.00		
Energy Efficiency Class	Cooling		A++		A++		
	Heating (Average)		A+		A+		
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/17.5		
Annual Energy Consumption	Cooling	kWh/a	253		350		
	Heating		1563		2485		
Moisture Removal		l/h	1.9		3.1		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	47/44/40/35		51/45/38/33	
	Indoor (Heating)	H/M/L/Q		50/45/41/37		52/45/41/37	
	Outdoor(Cooling/Heating)	High		50/56		55/57	
Sound Power Level	Indoor(Cooling/Heating)	High		60/65		64/65	
	Outdoor(Cooling/Heating)	High		61/66		65/67	
Airflow Rate	Indoor / Outdoor	High	m³/h	cool:865/1830 heat:995/2265		cool:1040/2885 heat:1040/3030	
Net Dimensions H x W x D	Indoor		mm	293×790×249		293×790×249	
			kg(lbs)	9.5		9.5	
Weight	Outdoor		mm	542×799×290		632×799×290	
			kg(lbs)	33		38	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52		6.35/12.70	
Drain hose Diameter (I.D./O.D.)				13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max Pipe Length (Pre-Charge)			m	25 (15)		30 (15)	
Max Height Difference				20		25	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46		
	Heating		-15 to 24		-15 to 24		
Refrigerant	Type (Global Warming Potential)		R32(675)		R32(675)		
	Charge	kg(CO2eq-T)	0.85(0.574)		1.10(0.743)		

Optional parts

Remote Controller Holder: UTZ-RXLA

Dimensions

(Unit : mm)



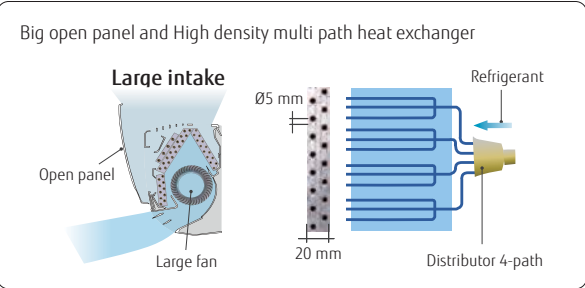
PRODUCT LINEUP: SPLIT

Wall Mounted
Designer Range
High Spec & Design



Thin & Slim design

Thin and slim design is realized by high density multi-path heat exchanger and high efficiency wind blower.



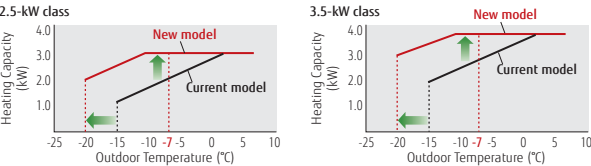
Human sensor

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.



Powerful heating

Rated heating capacity is maintained up to an outdoor temperature lower than -7 °C. This new model can operate even at -20 °C low outdoor temperature.

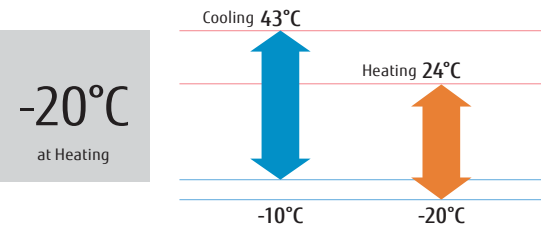


3 Mode timer
(Weekly/Program/Sleep)

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.



Low ambient operation



Model: ASYG09LTCA / ASYG12LTCA



Wireless R.C.



For ASYG09LTCA

For ASYG12LTCA

Specifications

Model No.	Indoor unit		ASYG09LTCA		ASYG12LTCA		
	Outdoor unit		AOYG09LTC		AOYG12LTC		
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.5 (0.9-3.5)		3.5 (1.1-4.0)		
	Heating		3.2 (0.9-5.4)		4.0 (0.9-6.5)		
Input Power	Cooling/Heating	kW	0.505/0.660		0.850/0.910		
EER	Cooling	W/W	4.95		4.12		
COP	Heating		4.85		4.40		
Pdesign	Cooling/Heating(-10°C)	kW	2.5/3.0		3.5/4.0		
SEER	Cooling	W/W	8.50		8.50		
SCOP	Heating (Average)		4.60		4.60		
Energy Efficiency Class	Cooling		A+++		A+++		
	Heating (Average)		A++		A++		
Max. Operating Current	Cooling/Heating	A	6.5/9.0		9.0/10.5		
Annual Energy Consumption	Cooling	kWh/a	103		144		
	Heating		912		1217		
Moisture Removal		l/h	1.3		1.8		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	42/36/32/21		43/37/32/21	
	Indoor (Heating)	H/M/L/Q		42/37/32/21		43/38/32/21	
	Outdoor(Cooling/Heating)	High		48/50		48/49	
	Indoor(Cooling/Heating)	High		59/61		60/62	
Sound Power Level	Outdoor(Cooling/Heating)	High	63/65		64/65		
Airflow Rate	Indoor / Outdoor	High	m³/h	800/1,700		850/2,050	
Net Dimensions H x W x D	Indoor		mm	282×870×185		282×870×185	
			kg(lbs)	9.5 (21)		9.5 (21)	
	Outdoor		mm	540×790×290		620×790×290	
			kg(lbs)	33 (73)		40 (88)	
Connection Pipe Diameter (Liquid / Gas)				6.35/9.52		6.35/9.52	
Drain hose Diameter (I.D./O.D.)			mm	13.8/15.8 to 16.7		13.8/15.8 to 16.7	
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		-20 to 24		-20 to 24		
Refrigerant	Type (Global Warming Potential)		R410A (2.088)		R410A (2.088)		
	Charge	kg(CO2eq-T)	1.05 (2.2)		1.20 (2.5)		

Optional parts

Wired Remote Controller: UTY-RNNYM / UTY-RVNYM

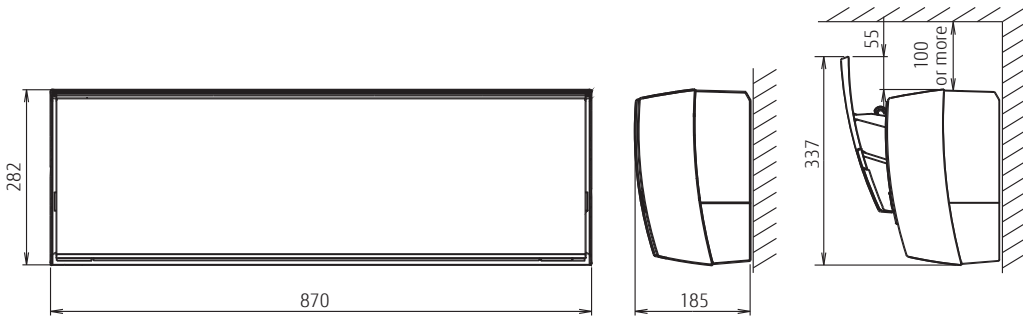
Simple Remote Controller: UTY-RSNYM

Communication kit: UTY-TWBXF1

Wireless LAN Interface: UTY-TFNXZ1

Dimensions

(Unit : mm)



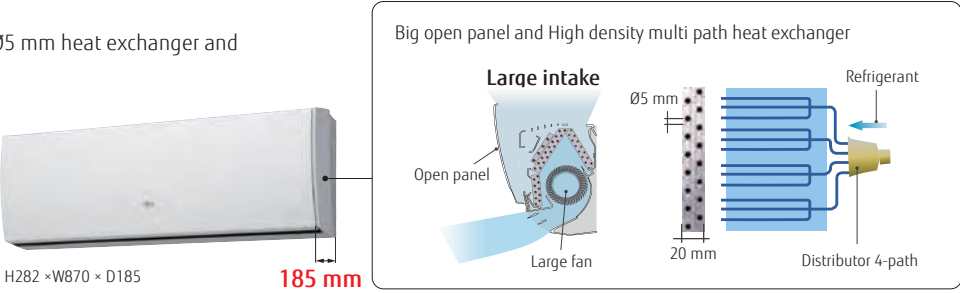
PRODUCT LINEUP: SPLIT

Wall Mounted
Designer Range
High COP



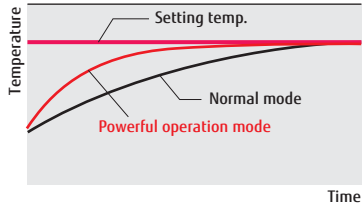
Thin & Slim design

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.



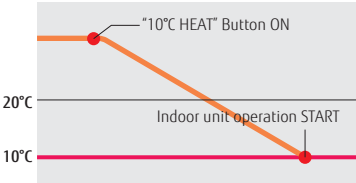
3 Mode timer (Weekly/Program/Sleep)

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.

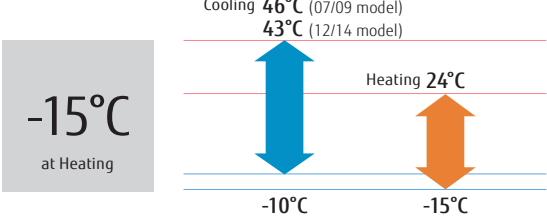


10°C HEAT Operation

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. *Only available with Wireless RC.



Low ambient operation



Model: ASYG07LUCA / ASYG09LUCA / ASYG12LUCA / ASYG14LUCA



Wireless R.C.



For ASYG07/09LUCA For ASYG12/14LUCA

Specifications

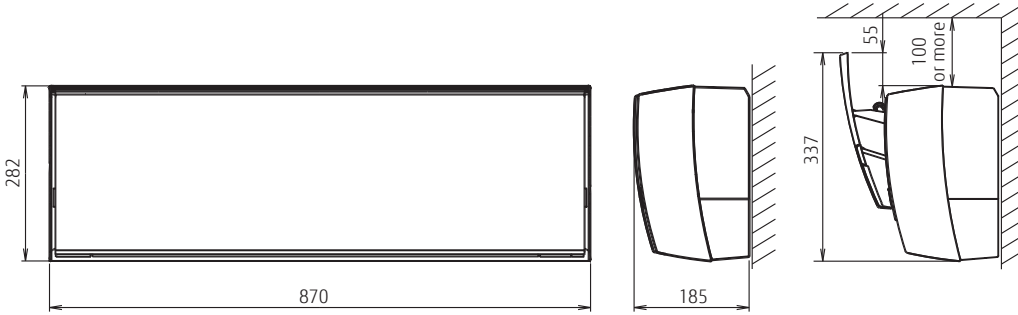
Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA	
	Outdoor unit		AOYG07LUCA	AOYG09LUCB	AOYG12LUC	AOYG14LUC	
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.0 (0.5-3.0)	2.5 (0.5-3.2)	3.5 (0.9-4.0)	4.2 (0.9-5.0)	
	Heating		3.0 (0.5-4.0)	3.2 (0.5-4.2)	4.0 (0.9-5.6)	5.4 (0.9-6.0)	
Input Power	Cooling/Heating	kW	0.460/0.740	0.555/0.680	0.905/0.930	1.235/1.380	
EER	Cooling	W/W	4.35	4.50	3.87	3.40	
COP	Heating		4.05	4.71	4.30	3.91	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.6	2.5/2.8	3.5/3.9	4.2/4.8	
SEER	Cooling	W/W	7.20	7.10	7.05	6.78	
SCOP	Heating (Average)		4.02	4.10	4.00	4.00	
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	
	Heating (Average)		A+	A+	A+	A+	
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0	9.0/10.5	
Annual Energy Consumption	Cooling	kWh/a	97	123	174	217	
	Heating		887	956	1363	1677	
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/35/31/21	42/36/32/21	43/37/32/21	45/40/33/25	
	Indoor (Heating)	H/M/L/Q	38/35/31/21	42/37/32/21	43/38/32/21	45/40/34/27	
	Outdoor(Cooling/Heating)	High	46/46	48/48	50/50	50/50	
Sound Power Level	Indoor(Cooling/Heating)	High	57/59	59/61	60/62	60/64	
	Outdoor(Cooling/Heating)	High	58/58	60/60	65/65	65/65	
Airflow Rate	Indoor / Outdoor	High	m³/h	680/1,720	800/1,720	850/1,940	900/1,940
Net Dimensions H x W x D	Indoor	mm	282×870×185	282×870×185	282×870×185	282×870×185	
		kg(lbs)	9.5 (21)	9.5 (21)	9.5 (21)	9.5 (21)	
Weight	Outdoor	mm	540×660×290	540×660×290	540×790×290	540×790×290	
		kg(lbs)	23 (51)	25 (55)	33 (73)	34 (75)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/9.52	6.35/12.7	
Drain hose Diameter (I.D./O.D.)			mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	
Max Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	
Max Height Difference			m	15	15	15	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 43	-10 to 43	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	0.70 (1.5)	0.85 (1.8)	1.05 (2.2)	1.05 (2.2)	

Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Communication kit: UTY-TWBXF1
Wireless LAN Interface: UTY-TFNXZ1

Dimensions

(Unit : mm)

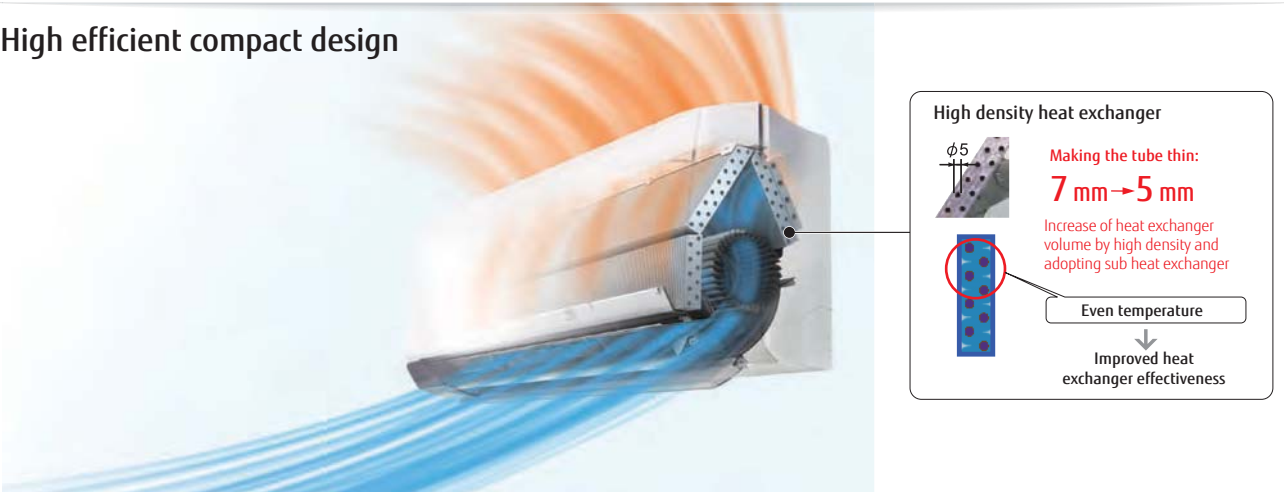


Wall Mounted Standard Range

High Efficiency & Comfort



High efficient compact design



More comfort airflow

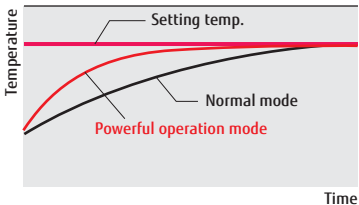


Vertical airflow provides powerful floor level heating

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

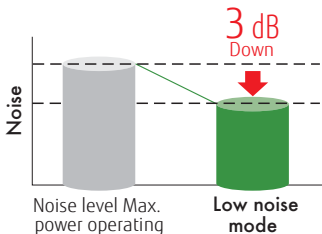
Powerful operation

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



Low noise mode for outdoor unit

Low noise mode of outdoor unit can be selected by wireless remote controller.



Model: ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE



Specifications

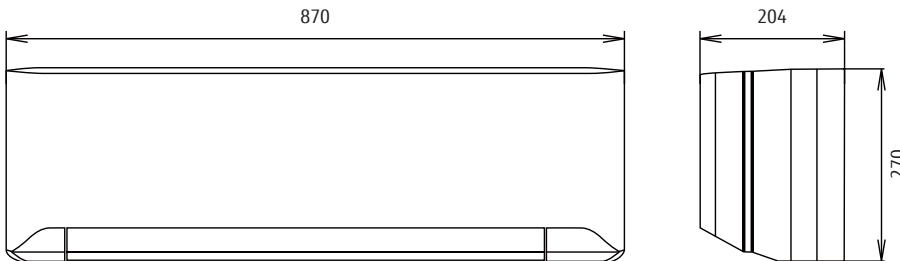
Model No.	Indoor unit		ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
	Outdoor unit		AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0(0.5-3.0)	2.5(0.5-3.2)	3.4(0.9-3.9)	4.0(0.9-4.4)
	Heating	kW	3.0(0.5-3.4)	3.2(0.5-4.0)	4.0(0.9-5.3)	5.0(0.9-6.0)
Input Power	Cooling/Heating	kW	0.465/0.685	0.65/0.73	0.97/1.02	1.135/1.365
EER	Cooling	W/W	4.30	3.85	3.50	3.52
COP	Heating	W/W	4.38	4.38	3.92	3.66
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/3.5	4.0/3.9
SEER	Cooling	W/W	6.80	7.00	7.00	6.90
SCOP	Heating (Average)	W/W	4.10	4.10	4.00	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	103	125	170	203
	Heating	kWh/a	786	820	1225	1365
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/40/32/21	43/40/32/21	43/40/32/21	44/40/33/25
	Indoor (Heating)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22	44/40/35/27
Sound Power Level	Outdoor(Cooling/Heating)	High	45/45	45/45	50/50	50/50
	Indoor(Cooling/Heating)	High	59/59	59/59	59/59	60/60
Airflow Rate	Indoor / Outdoor	High	58/56	58/56	61/61	65/65
		m³/h	750/1670	750/1670	750/1830	750/1800
Net Dimensions H x W x D	Indoor	mm	270×870×204	270×870×204	270×870×204	270×870×204
	Outdoor	kg(lbs)	8.5(19)	8.5(19)	8.5(19)	8.5(19)
Weight	Indoor	mm	535×663×293	535×663×293	535×663×293	540×790×290
	Outdoor	kg(lbs)	21(46)	21(46)	26(57)	34(75)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
Drain hose Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)		m	20(15)	20(15)	20(15)	20(15)
Max Height Difference		m	15	15	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43	-10 to 43
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A(2,088)	R410A(2,088)	R410A(2,088)	R410A(2,088)
	Charge	kg(CO2eq-T)	0.70 (1.5)	0.70 (1.5)	0.85 (1.8)	1.05 (2.2)

Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Communication kit: UTY-XCBX22
Wireless LAN Interface: UTY-TFNX21
External Connect kit: UTY-XWZX25

Dimensions

(Unit : mm)



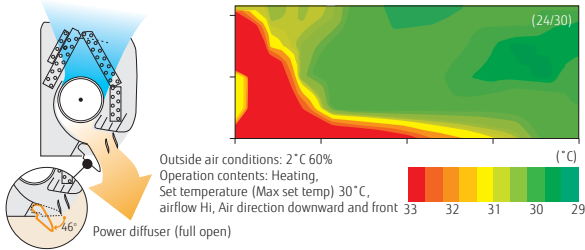
PRODUCT LINEUP: SPLIT

Wall Mounted
Standard Range
Comfort for Large Room

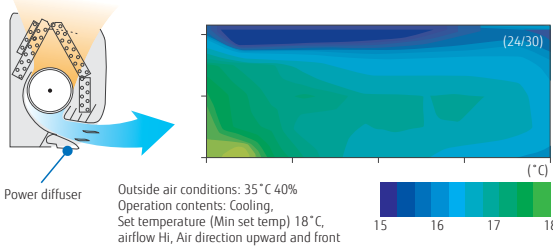
(18/30) (24)
ALL DC
I-PAM
V-PAM

Economy Diffuser HEAT 10°C Auto Changeover Double Adjust Restart Sleep Program Filter ION AF Washable Blue Fin

"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

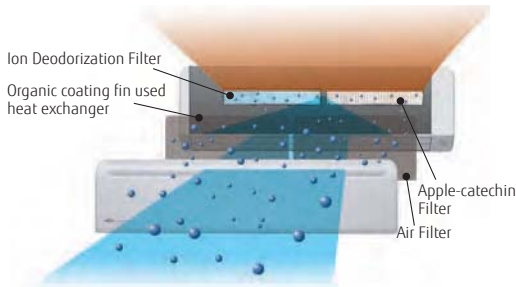


Ion Deodorization Filter

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

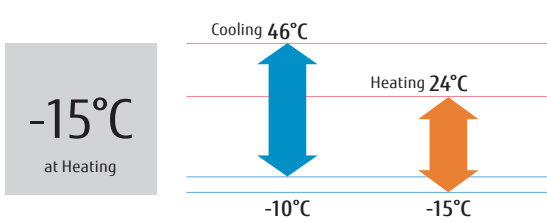
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



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



For ASYG18LFCA,
ASYG24LFCC

For ASYG30LFCA

Specifications

Model No.	Indoor unit		ASYG18LFCA	ASYG24LFCC	ASYG30LFCA	
	Outdoor unit		AOYG18LFC	AOYG24LFCC	AOYG30LFT	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	5.2 (0.9-6.0)	7.1 (0.9-8.0)	8.0 (2.9-9.0)	
	Heating		6.3 (0.9-9.1)	8.0 (0.9-10.6)	8.8 (2.2-11.0)	
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		3.68	3.61	3.61	
Pdesign	Cooling/Heating(-10°C)	kW	5.2/5.9	7.1/7.1	8.0/8.0	
SEER	Cooling	W/W	6.94	6.11	5.69	
SCOP	Heating (Average)		3.87	3.80	3.80	
Energy Efficiency Class	Cooling		A++	A++	A+	
	Heating (Average)		A	A	A	
Max. Operating Current	Cooling/Heating	A	9.0/12.5	13.5/18.5	17.0/19.0	
Annual Energy Consumption	Cooling	kWh/a	262	406	492	
	Heating		2130	2610	2941	
Moisture Removal		l/h	2.6	2.7	3.2	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	43/37/33/26	49/42/37/32	48/42/37/33
	Indoor (Heating)	H/M/L/Q		42/37/33/25	48/42/37/32	49/42/37/33
Sound Power Level	Outdoor(Cooling/Heating)	High		50/51	55/56	53/56
	Indoor(Cooling/Heating)	High		58/58	64/64	64/64
Airflow Rate	Outdoor(Cooling/Heating)	High	65/-	68/-	68/-	
	Indoor / Outdoor	High	m³/h	900/2150	1120/2460	1100/3600
Net Dimensions H x W x D	Indoor	mm	320×998×238	320×998×238	320×998×238	
		kg(lbs)	14 (31)	14 (31)	14 (31)	
Weight	Outdoor	mm	620×790×290	620×790×290	830×900×330	
		kg(lbs)	41 (90)	41 (90)	61 (135)	
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/12.7	6.35/15.88	9.52/15.88	
Drain hose 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	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.20 (2.5)	1.80 (3.8)	2.1 (4.4)	

Optional parts

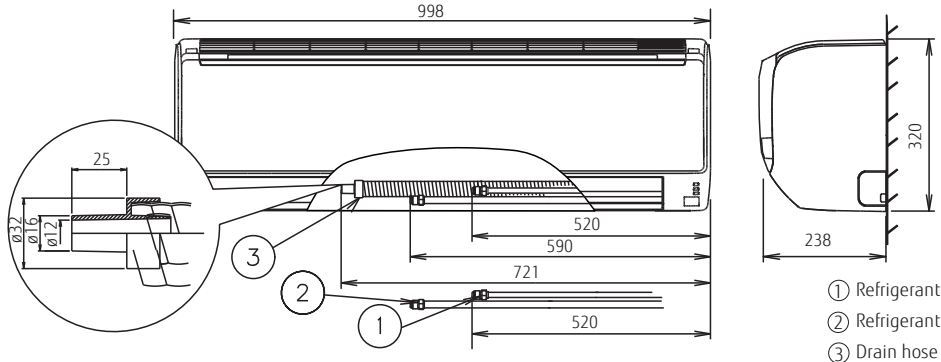
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

Wireless LAN Interface: UTY-TFNX21

Dimensions

(Unit : mm)



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

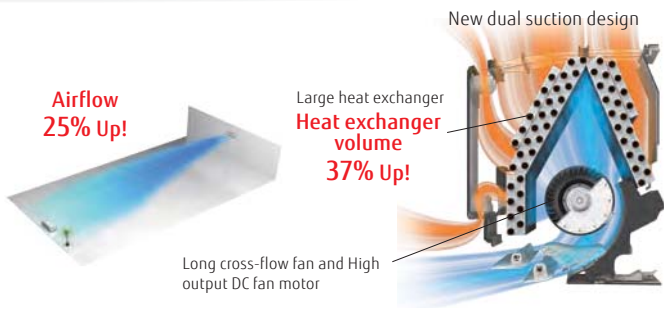
Wall Mounted Standard Range

Comfort for Large Room



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.



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.



Server room function*

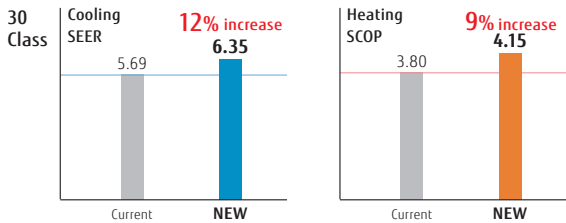
The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

- **Alternative operation:** Two units operate alternately
- **Backup operation:** When 1 unit breaks down, the other unit starts operating automatically.
- **Supporting operation:** Both units operate simultaneously when the loaded capacity is not enough with one unit

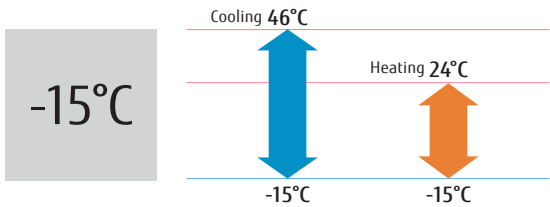
*2 x UTY-XWNX of optional parts are required.



High seasonal energy efficiency



Low ambient operation



Model: ASYG30LMTA / ASYG36LMTA



Specifications

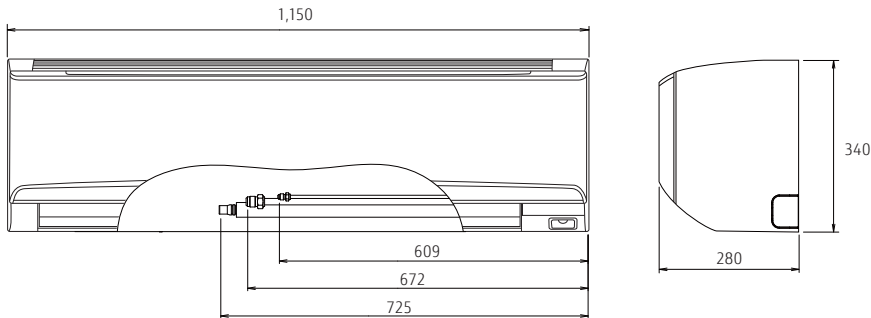
Model No.	Indoor unit		ASYG30LMTA		ASYG36LMTA		
	Outdoor unit		AOYG30LMTA		AOYG36LMTA		
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	8.0 (2.9-9.0)		9.4 (2.9-10.0)		
	Heating		8.8 (2.2-11.0)		10.1 (2.7-11.2)		
Input Power	Cooling/Heating	kW	2.33/2.41		3.16/2.96		
EER	Cooling	W/W	3.43		2.97		
COP	Heating		3.65		3.41		
Pdesign	Cooling/Heating(-10°C)	kW	8.0/6.5		9.4/7.1		
SEER	Cooling	W/W	6.35		5.73		
SCOP	Heating (Average)		4.15		4.19		
Energy Efficiency Class	Cooling		A++		A+		
	Heating (Average)		A+		A+		
Max. Operating Current	Cooling/Heating	A	14.5/14.5		19.0/19.0		
Annual Energy Consumption	Cooling	kWh/a	441		575		
	Heating		2,193		2,373		
Moisture Removal		l/h	2.7		3.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	50/44/38/31		50/44/38/31	
	Indoor (Heating)	H/M/L/Q		49/44/39/31		49/44/39/31	
Sound Power Level	Outdoor(Cooling/Heating)	High		52/55		55/56	
	Indoor(Cooling/Heating)	High		65/65		65/65	
Airflow Rate	Outdoor(Cooling/Heating)	High	67/68		68/70		
	Indoor / Outdoor	High	m³/h	1380/3600		1380/3800	
Net Dimensions H x W x D	Indoor	mm	340×1150×280		340×1150×280		
		kg(lbs)	18 (40)		18 (40)		
Weight	Outdoor	mm	830×900×330		830×900×330		
		kg(lbs)	61 (134)		61 (134)		
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88		9.52/15.88		
Drain hose Diameter (I.D./O.D.)			13.8 / 15.8 to 16.7		13.8 / 15.8 to 16.7		
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	Type (Global Warming Potential)		R410A (2.088)		R410A (2.088)		
	Charge	kg(CO2eq-T)	2.10 (4.4)		2.10 (4.4)		

Optional parts

- Wired Remote Controller: UTY-RNRYZ2, UTY-RVNYM, UTY-RLRY, UTY-RNNYM
Simple Remote Controller: UTY-RSRY, UTY-RSNYM, UTY-RSRY
Communication kit: UTY-TWRX, UTY-XWNX
External input and output PCB (with box): UTY-XCSXZ1 + UTZ-GXXB
Wireless LAN Interface: UTY-TFNXZ1
External Connect Kit: UTY-XWZX

Dimensions

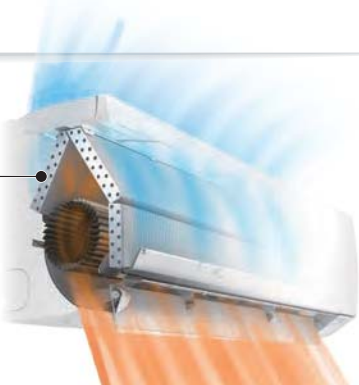
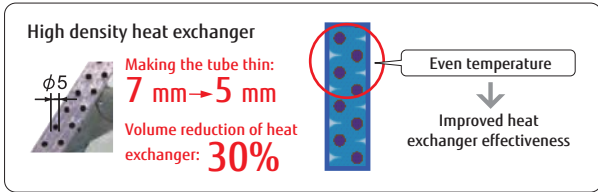
(Unit : mm)



Wall Mounted
ECO Range
Compact & Comfort

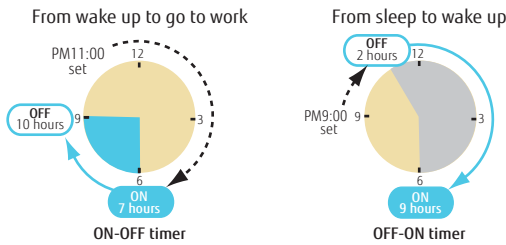


High efficient compact design



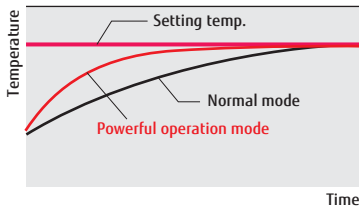
ON-OFF Programmable timer

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)



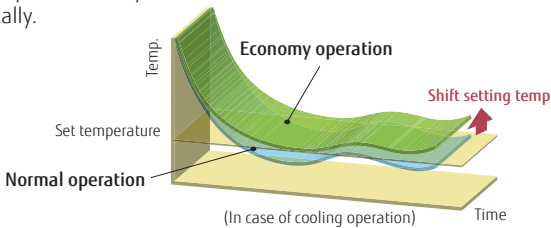
Powerful operation

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

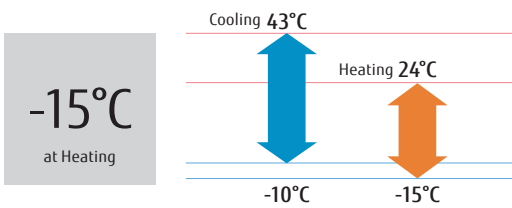


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Model: ASYG07LLCE / ASYG09LLCE / ASYG12LLCE



Wireless R.C.



Specifications

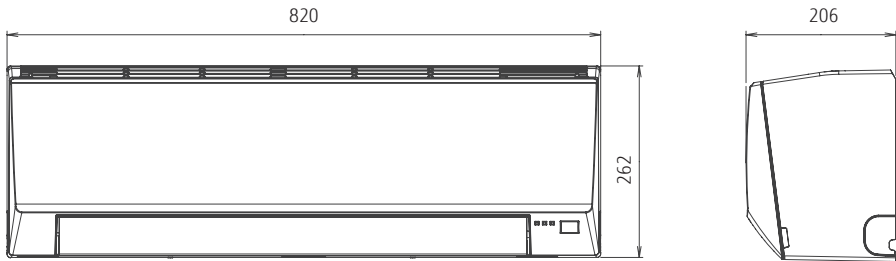
Model No.	Indoor unit		ASYG07LLCE	ASYG09LLCE	ASYG12LLCE
	Outdoor unit		AOYG07LLCE	AOYG09LLCE	AOYG12LLCE
Power Source			Single-phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.0(0.9-2.8)	2.5(0.9-3.0)	3.4(0.9-3.8)
	Heating	kW	2.7(0.9-3.6)	3.0(0.9-3.8)	4.0(0.9-5.0)
Input Power	Cooling/Heating	kW	0.470/0.620	0.730-0.740	1.080/1.130
EER	Cooling	W/W	4.26	3.42	3.15
COP	Heating	W/W	4.35	4.05	3.54
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.2	2.5/2.3	3.4/3.2
SEER	Cooling	W/W	6.70	6.90	6.60
SCOP	Heating (Average)	W/W	4.00	4.00	3.80
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	104	127	180
	Heating	kWh/a	770	805	1,179
Moisture Removal		l/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22
	Indoor (Heating)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	47/48	50/51
	Indoor(Cooling/Heating)	High	59/60	59/60	59/60
Airflow Rate	Indoor / Outdoor	High	720/1,670	720/1,670	720/1,830
		m³/h	720/1,670	720/1,670	720/1,830
Net Dimensions H x W x D	Indoor	mm	262×820×206	262×820×206	262×820×206
		kg(lbs)	7.0(15)	7.0(15)	7.0(15)
Weight	Outdoor	mm	535×663×293	535×663×293	535×663×293
		kg(lbs)	24(53)	24(53)	26(57)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain hose Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)		m	20(15)	20(15)	20(15)
Max Height Difference		m	15	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A(2,088)	R410A(2,088)	R410A(2,088)
	Charge	kg(CO2eq-T)	0.65(1.4)	0.65(1.4)	0.85(1.8)

Optional parts

Remote Controller Holder: UTZ-RXLA

Dimensions

(Unit : mm)



Compact Cassette

4-way Flow
Compact & Comfort



2-stage turbo fan

High efficiency design by 2 stage structure

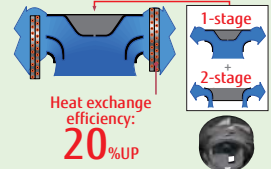
Previous turbo fan

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 new 2 stage turbo fan which produces two separate airflow streams.



Heat exchange efficiency: **20%UP**

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

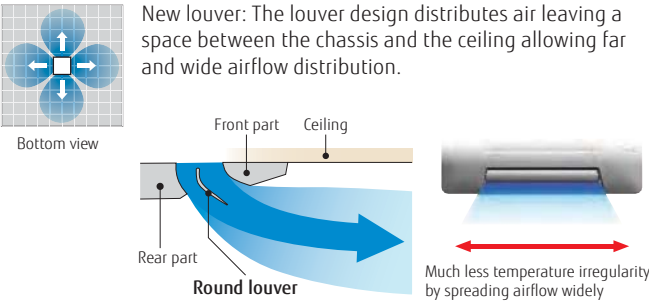
Quiet

Spin direction

Airflow direction

Improvement of the airflow distribution

New louver: 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

Low ambient operation

Cooling **46°C**

Heating **24°C**

-15°C at Heating

-10°C **-15°C**

Model : AUYG12LVLB / AUYG14LVLB / AUYG18LVLB / AUYG24LVLA



Specifications

Model No.	Indoor unit		AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB	AOYG24LBCB
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.8 (0.9-8.0)
	Heating	kW	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	8.0 (0.9-9.0)
Input Power	Cooling/Heating	kW	1.05/1.11	1.33/1.34	1.62/1.66	2.21/2.26
EER	Cooling	W/W	3.33	3.21	3.21	3.08
COP	Heating	W/W	3.69	3.71	3.61	3.54
Pdesign	Cooling/Heating(-10°C)	kW	3.5/4.2	4.3/4.5	5.2/5.2	6.8/6.0
SEER	Cooling	W/W	6.20	6.40	6.20	5.60
SCOP	Heating (Average)	W/W	4.10	4.40	4.20	3.90
Energy Efficiency Class	Cooling		A++	A++	A++	A+
	Heating (Average)		A+	A+	A+	A
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	11.5/13.5	14.7/15.7
Annual Energy Consumption	Cooling	kWh/a	198	235	293	425
	Heating	kWh/a	1431	1432	1731	2151
Moisture Removal		l/h	1.2	1.5	2.2	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	37/34/30/27	38/34/30/27	38/34/30/26	49/44/36/30
	Indoor (Heating)	H/M/L/Q	37/34/31/29	43/38/34/30	43/38/34/30	49/45/40/33
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	49/49	50/50	53/54
	Indoor(Cooling/Heating)	High	49/49	50/55	50/55	59/61
Airflow Rate	Outdoor(Cooling/Heating)	High	61/63	62/64	62/65	66/66
	Indoor / Outdoor	High	600/1780	680/1910	680/2380	930/2850
Net Dimensions H x W x D	Indoor	mm	245×570×570	245×570×570	245×570×570	245×570×570
	Outdoor	kg(lbs)	15 (33)	15 (33)	15 (33)	16 (35)
Weight	Indoor	mm	578×790×300	578×790×300	632×799×290	716×820×315
	Outdoor	kg(lbs)	40 (88)	40 (88)	36 (79)	42 (95)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88
Drain hose Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	25 (15)	30 (15)
Max Height Difference			15	15	15	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.20 (2.5)	1.50 (3.1)
Cassette Grille	Model name		UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W
	Dimensions (H × W × D)	mm	49×700×700	49×700×700	49×700×700	49×700×700
	Weight	kg(lbs)	2.6 (6)	2.6 (6)	2.6 (6)	2.6 (6)

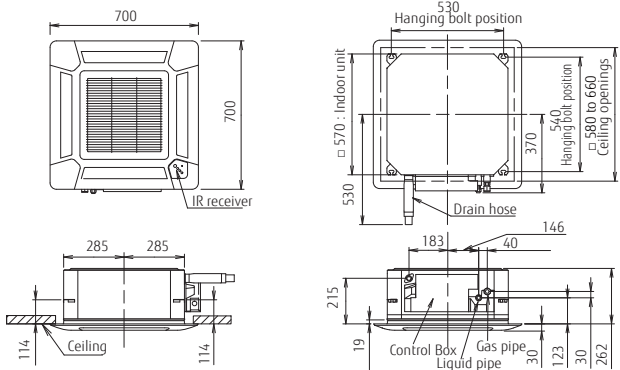
Optional parts

Air Outlet Shutter Plate: UTR-YDZB Insulation Kit For High Humidity: UTZ-KXGC
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM Fresh Air Intake Kit: UTZ-VXAA
Simple Remote Controller: UTY-RSNYM



Dimensions

(Unit : mm)



Cassette

Circular Flow

Comfort for large room



Unique Circular Flow design

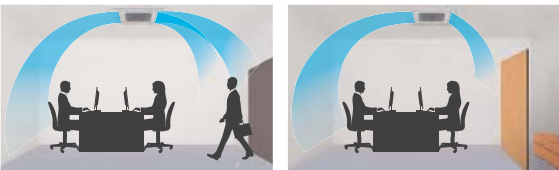
New Cassette type realizes Circular Flow to blow large airflow in 360° direction by mounting high performance DC fan motor, new turbo fan and unique seamless airflow louver design.



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-RNRYZ2)only

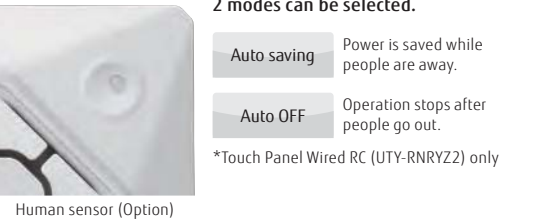


Comfortable air conditioning by preventing direct blowing of cold air and by providing swinging air flow simultaneously.

Efficient air conditioning based on the room layout

Human sensor increases more energy saving

Energy saving operation starts automatically by detecting the motion of a person. 2 modes of save operation mode and stop mode can be selected.



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-RNRYZ2) only

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.



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



Specifications

Model No.	Indoor unit		AUXG18LRLB	AUXG24LRLB	AUXG30LRLB	AUXG36LRLB	AUXG45LRLB	AUXG54LRLB
	Outdoor unit		AOYG18LBCA	AOYG24LBCA	AOYG30LBT A	AOYG36LBT A	AOYG45LBT A	AOYG54LBT A
Power Source			Single-phase, ~230V, 50Hz					
Capacity	Cooling	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)
	Heating		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)
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
Pdesign	Cooling/Heating(-10°C)	kW	5.2/4.3	6.8/6.0	8.5/8.0	9.5/8.7	-	-
SEER	Cooling	W/W	7.05	6.60	6.70	6.40	-	-
SCOP	Heating (Average)		4.40	4.20	4.30	4.30	-	-
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	-	-
	Heating (Average)		A+	A+	A+	A+	-	-
Max. Operating Current	Cooling/Heating	A	10.0/13.5	13.5/18.5	17.0/17.0	20.0/20.0	20.5/20.5	21.5/21.5
Annual Energy Consumption	Cooling	kWh/a	258	361	444	519	-	-
	Heating		1367	1999	2604	2833	-	-
Moisture Removal		l/h	2.2	2.7	2.5	3.3	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36
	Indoor (Heating)	H/M/L/Q	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36
Sound Power Level	Outdoor(Cooling/Heating)	High	51/50	55/56	53/55	54/55	55/55	55/57
	Indoor(Cooling/Heating)	High	47/47	49/49	54/54	58/58	60/60	61/61
Airflow Rate	Outdoor(Cooling/Heating)	High	64/62	68/68	67/69	68/70	68/68	69/71
	Indoor / Outdoor	High	m³/h	1050/1900	1150/2460	1600/3600	1900/3800	2000/6750
Net Dimensions H x W x D	Indoor	mm	246×840×840	246×840×840	288×840×840	288×840×840	288×840×840	288×840×840
		kg(lbs)	24 (53)	24 (53)	26 (57)	26 (57)	29 (64)	29 (64)
Weight	Outdoor	mm	620×790×290	620×790×290	830×900×330	830×900×330	1290×900×330	1290×900×330
		kg(lbs)	41 (90)	41 (90)	61 (134)	61 (134)	86 (189)	86 (189)
Connection Pipe Diameter (Liquid / Gas)		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 hose Diameter (I.D./O.D.)			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	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.80 (3.8)	1.80 (3.8)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.35 (7.0)
Cassette Grille	Variation		UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKYC-W: White Color / UTG-UKYA-B*: Black Color					
	Dimensions (H × W × D)	mm	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950
	Weight	kg(lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)

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

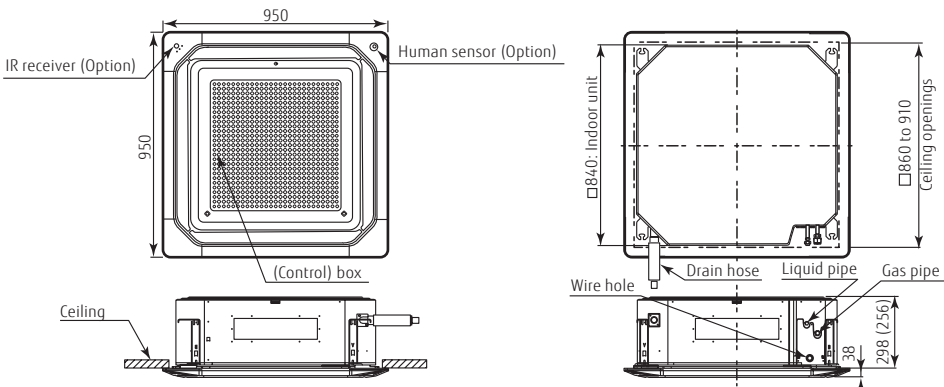
Optional parts

Wired Remote Controller:	UTY-RNRYZ2, UTY-RVNYM, UTY-RLRY, UTY-RNNYM	Air Outlet Shutter Plate:	UTR-YDZK
Simple Remote Controller:	UTY-RSNYM, UTY-RSRY	Insulation Kit For High Humidity:	UTZ-KXRA
IR Receiver Kit:	UTY-LBTYC	Flesh Air Intake Kit:	UTZ-VXRA
Human Sensor Kit:	UTY-SHZXC	External input and output PCB (with box):	UTY-XCSX + UTZ-GXRA
Wide Panel:	UTG-AKXA-W	External connect kit:	UTY-XWZXZG, UTY-XWZXZ3
Panel Spacer:	UTG-BKXA-W	Cassette Grille :	UTG-UKYA-W, UTG-UKYA-B, UTG-UKYC-W
		Wireless LAN Interface:	UTY-TFNXZ1



Dimensions

(Unit : mm)



() : AUXG18/24LRLB

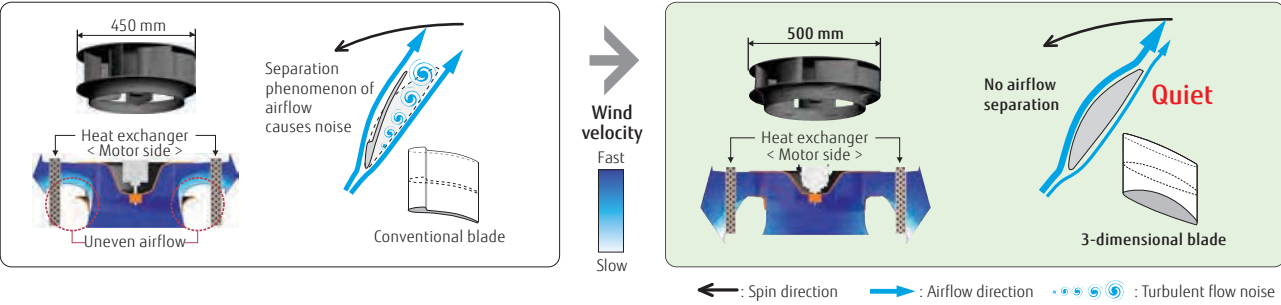
Cassette
4-way Flow
Comfort for large room



High efficiency turbo fan with 3-dimensional blade

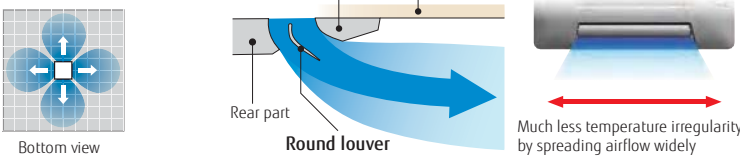
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

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

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

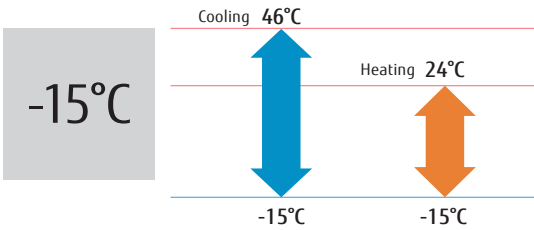


Adjustment of hanger position is possible after installation

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



Low ambient operation



Model : AUYG30LRLE / AUYG36LRLE / AUYG45LRLA / AUYG54LRLA / AUYG36LRLA [3phase] / AUYG45LRLA [3phase] / AUYG54LRLA [3phase]



Specifications

Model No.	Indoor unit		AUYG30LRLE	AUYG36LRLE	AUYG45LRLA	AUYG45LRLA	AUYG54LRLA	AUYG36LRLE	AUYG45LRLA	AUYG54LRLA
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LBT	AOYG45LETL	AOYG54LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT
Power Source			Single-phase, ~230V, 50Hz					3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	8.5 (2.8-10.0)	10.0 (2.8-11.2)	12.1 (4.0-13.5)	12.5 (4.0-14.0)	13.3 (4.5-14.5)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)
	Heating		10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.5 (4.2-15.7)	14.0 (4.2-16.2)	16.0 (4.7-16.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)
Input Power	Cooling/Heating	kW	2.65/2.77	3.12/3.02	3.89/3.85	3.88/3.77	4.42/4.69	2.44/2.56	3.54/3.58	4.36/4.43
EER	Cooling	W/W	3.21	3.21	3.11	3.22	3.01	4.10	3.53	3.21
COP	Heating		3.61	3.71	3.51	3.71	3.41	4.38	3.91	3.61
Pdesign	Cooling/Heating(-10°C)	kW	8.5/8.0	10.0/8.7	-	-	-	10.0/10.0	-	-
SEER	Cooling	W/W	6.50	6.30	-	-	-	6.50	-	-
SCOP	Heating (Average)		4.30	4.20	-	-	-	4.30	-	-
Energy Efficiency Class	Cooling	A++		A++	-	-	-	A++	-	-
	Heating (Average)	A+		A+	-	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	17.0/17.0	18.5/20.0	23.5/23.5	20.5/20.5	21.5/21.5	7.9/7.9	8.9/8.9	9.9/9.9
Annual Energy Consumption	Cooling	kWh/a	458	555	-	-	-	538	-	-
	Heating		2604	2897	-	-	-	3253	-	-
Moisture Removal		l/h	2.5	3.5	4.5	4.5	5.0	3.0	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/38/36/32	43/38/36/32	46/42/40/36	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37
	Indoor (Heating)	H/M/L/Q	40/38/36/32	43/38/36/32	46/42/40/36	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37
Sound Power Level	Outdoor(Cooling/Heating)	High	53/55	54/55	58/58	55/55	55/57	51/53	54/54	55/56
	Indoor(Cooling/Heating)	High	54/54	57/57	-	-	-	58/58	-	-
Airflow Rate	Outdoor(Cooling/Heating)	High	68/69	69/70	-	-	-	67/69	-	-
	Indoor / Outdoor	High	m³/h	1600/3600	1800/3800	1900/4650	1900/6750	2000/6750	1800/6200	1900/6750
Net Dimensions H × W × D	Indoor	mm	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840
		kg(lbs)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)
Weight	Indoor	mm	830-900x330	830-900x330	914-970x370	1290-900x330	1290-900x330	1290-900x330	1290-900x330	1290-900x330
	Outdoor	kg(lbs)	61 (135)	61 (135)	75 (165)	86 (190)	86 (190)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0	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)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	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	-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	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	2.10 (4.4)	2.10 (4.4)	2.90 (6.1)	3.35 (7.0)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)
Cassette Grille	Model name		UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W
	Dimensions (H × W × D)	mm	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950
	Weight	kg(lbs)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)

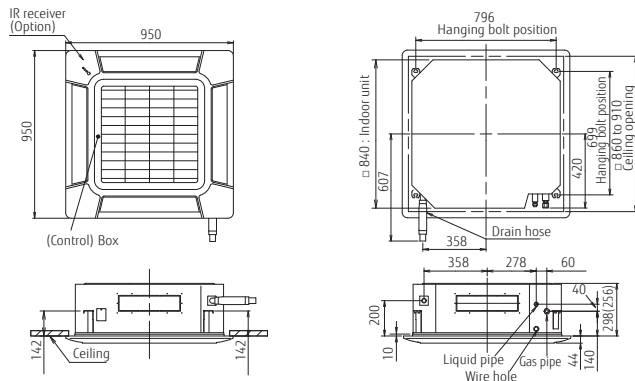
Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM	Air Outlet Shutter Plate:	UTR-YDZK
Simple Remote Controller:	UTY-RSNYM	Insulation Kit For High Humidity:	UTZ-KXRA
IR Receiver Kit:	UTY-LRHYA2	Fresh Air Intake Kit:	UTZ-VXRA
Wide Panel:	UTG-AKXA-W	Wireless LAN Interface:	UTY-TFNXZ1
Panel Spacer:	UTG-BKXA-W		



Dimensions

(Unit : mm)



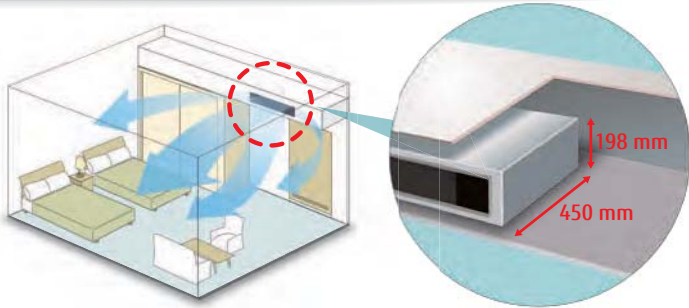
Mini Duct

Built-in Drain Pump



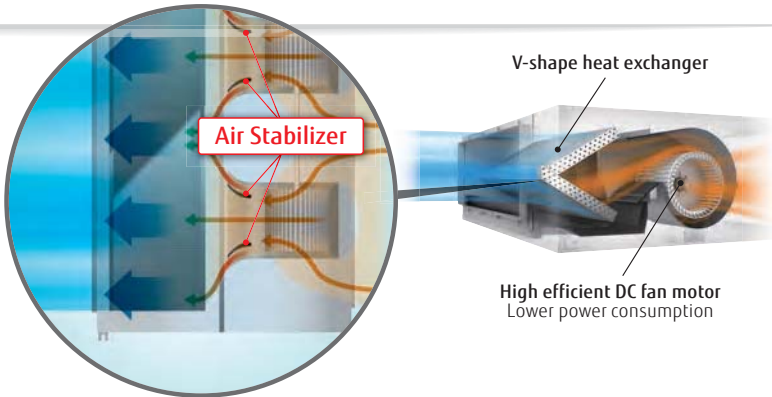
Large living space available

- Installation space can be reduced down to minimum depth 450 mm height 198 mm and compact design
- Minimum size: Depth 450 mm, Height 198 mm Volume 27% down compared with current model
- Lightweight: 15.5 kg 18% down (12/14 class)



Optimum airflow path and low noise operation

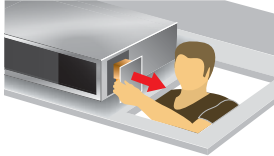
Low noise is realized drastically by stabilized airflow design



Easy design and maintenance for drain

By using the DC fan motor, it is possible to change the static pressure range from 0 to 50 Pa*. The change of static pressure range is possible by remote controller. *: 0 to 30 Pa. (12)

Built-in drain pump as standard: Maintenance is easy



Parts can be replaced from the side of the body where maintenance is easier

Auto Louver Grille Kit (Option)

- Thin design provides a comfortable living environment over a wide area.
- Automatic louver grille provides comfortable air conditioning all the way down to the floor and matches the interior design well. (Optional)



Model : ARYG12LSLAP / ARYG14LSLAP / ARYG18LSLAP



ARYG12/14LSLAP



ARYG18LSLAP



Wired R.C.



For ARYG12/14LSLAP



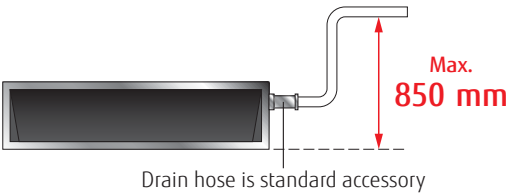
For ARYG18LSLAP

Specifications

Model No.	Indoor unit		ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB
Power Source			Single-phase, ~230V, 50Hz		
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)
Input Power	Cooling/Heating	kW	1.03/1.15	1.34/1.49	1.62/1.77
EER	Cooling	W/W	3.40	3.21	3.21
COP	Heating		3.56	3.35	3.38
Pdesign	Cooling/Heating(-10°C)	kW	3.5/4.2	4.3/4.5	5.2/5.2
SEER	Cooling	W/W	5.70	5.60	5.80
SCOP	Heating		3.90	3.80	3.80
Energy Efficiency Class	Cooling		A+	A+	A+
	Heating		A	A	A
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	11.5/13.5
Annual Energy Consumption	Cooling	kWh/a	215	269	314
	Heating		1505	1656	1913
Moisture Removal		l/h	1.2	1.4	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/27/25/23	35/30/27/23	33/29/26/23
	Indoor (Heating)	H/M/L/Q	31/27/25/23	35/30/27/23	33/29/26/23
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	49/49	50/50
	Indoor(Cooling/Heating)	High	55/57	60/62	58/59
	Outdoor(Cooling/Heating)	High	61/63	62/64	62/65
Airflow Rate	Indoor / Outdoor	High	m³/h 650/1780	800/1910	940/2380
Static pressure range (Standard)			Pa 0 - 30 (10)	0 - 50 (15)	0 - 50 (15)
Net Dimensions H x W x D	Indoor	mm	198×700×450	198×700×450	198×900×450
		kg(lbs)	15.5 (34)	15.5 (34)	18.5 (41)
Weight	Outdoor	mm	578×790×300	578×790×300	632×799×290
		kg(lbs)	40 (88)	40 (88)	36 (79)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)			25/32	25/32	5
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	25 (15)
Max Height Difference			15	15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.20 (2.5)

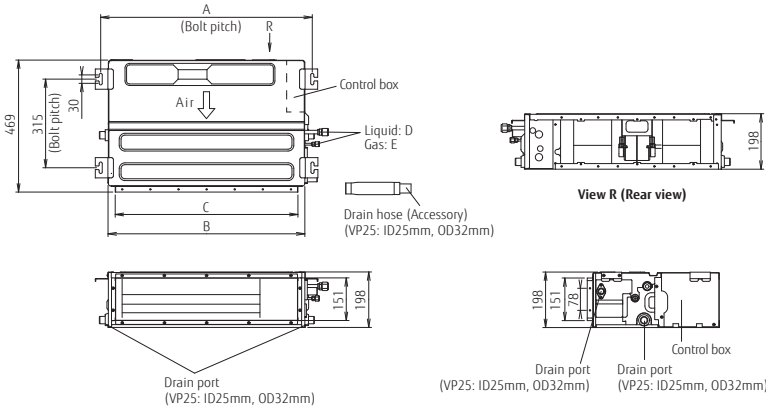
Optional parts

Wired Remote Controller: UTY-RLRY, UTY-RNRY22, UTY-RVNYM Auto Louver Grille Kit: UTD-GXTA-W (ARYG12/14LSLAP)
Simple Remote Controller: UTY-RSNYM, UTY-RSRY UTD-GXTB-W (ARYG18LSLAP)
IR Receiver Kit: UTY-LBTYM External connect kit: UTY-XWZXZG
Remote Sensor Unit: UTY-XSZX Wireless LAN Interface: UTY-TFSXZ1



Dimensions

(Unit : mm)



	ARYG12/14LSLAP	ARYG18LSLAP
A	752	952
B	700	900
C	650	850
D	6.35	9.52
E	12,7	15.88

PRODUCT LINEUP: SPLIT

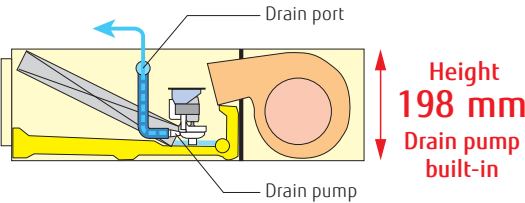
Slim Duct

Slim & Comfort



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

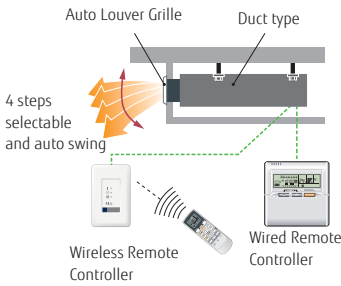
By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa. The change of static pressure range is possible by remote controller.



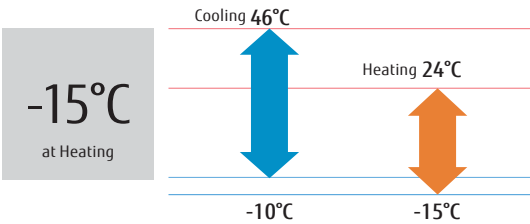
Static pressure range
0 to 90 Pa

Auto Louver Grille Kit (Option)

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



Low ambient operation



Model : ARYG12LLTB / ARYG14LLTB / ARYG18LLTB



ARYG12/14LLTB



ARYG18LLTB



Wired R.C.



For ARYG12/14LLTB



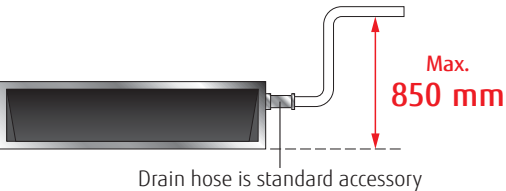
For ARYG18LLTB

Specifications

Model No.	Indoor unit		ARYG12LLTB	ARYG14LLTB	ARYG18LLTB	
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	
Input Power	Cooling/Heating	kW	1.05/1.11	1.33/1.34	1.62/1.66	
EER	Cooling	W/W	3.33	3.21	3.21	
COP	Heating		3.69	3.71	3.61	
Pdesign	Cooling/Heating(-10°C)	kW	3.5/4.2	4.3/4.5	5.2/5.2	
SEER	Cooling	W/W	5.90	5.80	6.20	
SCOP	Heating		4.00	3.90	4.10	
Energy Efficiency Class	Cooling		A+	A+	A++	
	Heating		A+	A	A+	
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	11.5/13.5	
Annual Energy Consumption	Cooling	kWh/a	207	259	294	
	Heating		1467	1614	1775	
Moisture Removal		l/h	1.3	1.5	2.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q		29/28/26/24	32/30/28/25	32/30/29/27
Sound Power Level	Outdoor(Cooling/Heating)	High		47/48	49/49	50/50
	Indoor(Cooling/Heating)	High		58/58	60/60	58/58
Airflow Rate	Outdoor(Cooling/Heating)	High	61/63	62/64	62/65	
	Indoor / Outdoor	High	m³/h	650/1780	800/1910	940/2380
Static pressure range (Standard)			Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor		mm	198×700×620	198×700×620	198×900×620
		kg(lbs)	19 (42)	19 (42)	23 (51)	
Weight	Outdoor		mm	578×790×300	578×790×300	632×799×290
		kg(lbs)	40 (88)	40 (88)	36 (79)	
Connection Pipe Diameter (Liquid / Gas)				6.35/9.52	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)			mm	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)			m	25 (15)	25 (15)	25 (15)
Max Height Difference				15	15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.20 (2.5)	

Optional parts

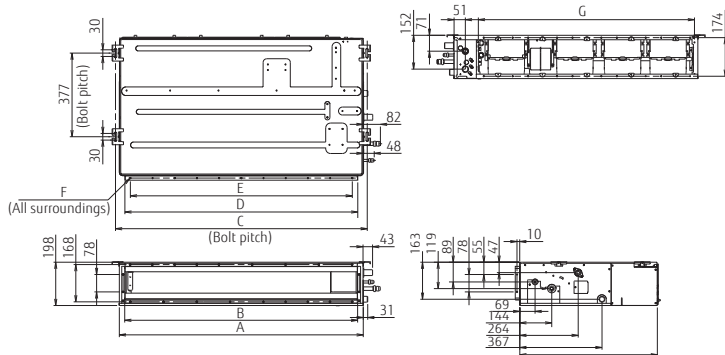
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM Auto Louver Grille Kit: UTD-GXTA-W (For ARYG12 / 14LLTB)
Simple Remote Controller: UTY-RSNYM UTD-GXTB-W (For ARYG18LLTB)
IR Receiver Kit: UTY-LRHYM External connect kit: UTD-ECS5A
Remote Sensor Unit: UTY-XSZX Wireless LAN Interface: UTY-TFNXZ1



Drain hose is standard accessory

Dimensions

(Unit : mm)



	ARYG12 / 14LLTB	ARYG18LLTB
A	700	900
B	650	850
C	734	934
D	650	850
E	P100x6=600	P100x8=800
F	18xØ5	22xØ5
G	574	774



Medium Static Pressure Duct

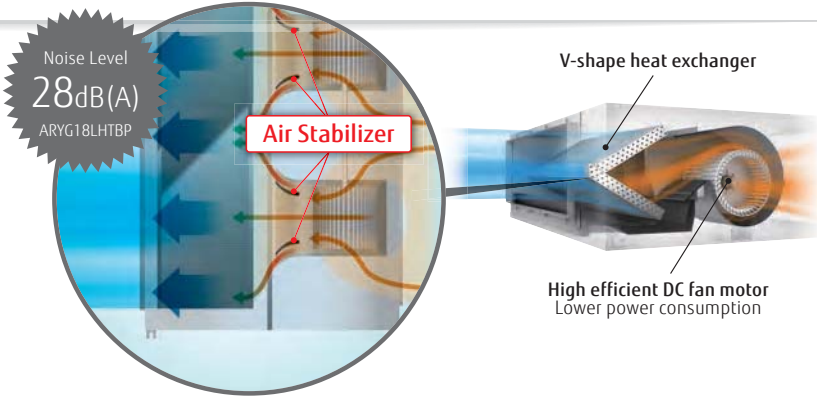
Compact & Comfort

(30/36/45/54)
(12/14/18/24)
ALL DC
I-PAM
V-PAM



High Efficiency & Quiet operation

The combination of the V-shaped heat exchanger, air stabilizer, and the high efficient DC fan motor allowed high efficiency and quiet operation.



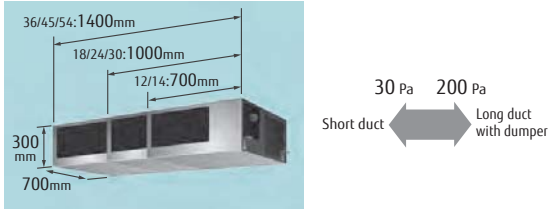
Automatic Airflow adjustment function

This unique and innovative function detects required air flow in each application case and automatically adjust the volume.



Improved installation flexibility

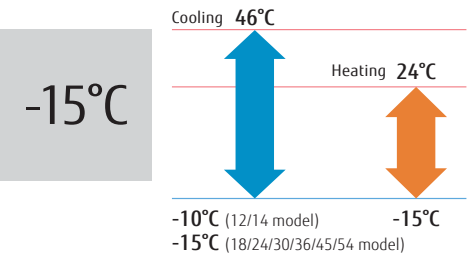
- Capable to be installed in various applications that requires static pressure of 30 Pa to 200 Pa
- Built-in drain pump, rises drain up to 850 mm
- Unified depth throughout the range enables the selection of the capacity regardless of the additional space.



Improved service and maintenance

- Drain pump is easily detachable from the side
- Easy access to electrical box
- Error code can be checked more in detail from error history

Low ambient operation



Model: ARYG12LHTBP / ARYG14LHTBP / ARYG18LHTBP / ARYG24LHTBP
ARYG30LHTBP / ARYG36LHTBP / ARYG45LHTBP / ARYG54LHTBP

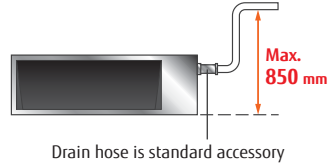


Specifications

Model No.	Indoor unit		ARYG12LHTBP	ARYG14LHTBP	ARYG18LHTBP	ARYG24LHTBP	ARYG30LHTBP	ARYG36LHTBP	ARYG45LHTBP	ARYG54LHTBP
	Outdoor unit		AOYG12LBLA	AOYG14LBLA	AOYG18LBCA	AOYG24LBCA	AOYG30LBTA	AOYG36LBTA	AOYG45LBTA	AOYG54LBTA
Power Source			Single-phase, ~230V, 50Hz							
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-6.5)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-8.0)	8.0 (0.9-9.1)	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-16.2)	16.0 (4.7-16.5)
Input Power	Cooling/Heating	kW	0.90/1.00	1.18/1.25	1.37/1.48	1.95/2.21	2.65/2.70	2.83/3.07	3.59/3.44	4.42/4.62
EER	Cooling	W/W	3.89	3.64	3.80	3.49	3.21	3.32	3.37	3.03
COP	Heating		4.10	4.00	4.05	3.62	3.70	3.65	3.87	3.46
Pdesign	Cooling/Heating(-10°C)	kW	3.5/4.2	4.3/4.5	5.2/ 4.3	6.8/ 6.0	8.5/8.0	9.4/8.7	-	-
SEER	Cooling	W/W	6.20	6.10	7.15	6.50	5.95	5.81	-	-
SCOP	Heating (Average)		4.10	4.00	4.11	4.01	3.95	3.81	-	-
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	A+	A+	-	-
	Heating (Average)		A+	A+	A+	A+	A	A	-	-
Max. Operating Current	Cooling/Heating	kWh/a	8.0/10.5	9.5/13.0	10.0/13.5	13.5/18.5	17.0/17.0	20.0/20.0	22.5/22.5	23.5/23.5
Annual Energy Consumption	Cooling		198	247	255	366	500	566	-	-
	Heating		1434	1573	1462	2092	2833	3194	-	-
Moisture Removal		l/h	0.7	0.9	1.2	1.8	2.3	2.0	2.6	2.6
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	32/28/24/21	36/33/30/29	36/31/28/26	39/35/31/29	39/35/31/29
	Indoor (Heating)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	32/28/24/21	36/33/30/29	33/31/28/26	39/35/31/29	39/35/31/29
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	49/49	50/51	55/56	53/55	54/55	55/55	55/57
	Indoor(Cooling/Heating)	High	57/58	59/60	54/54	57/57	63/65	64/63	67/69	67/69
Sound Power Level	Outdoor(Cooling/Heating)	High	60/61	64/63	64/62	68/68	68/69	69/70	69/68	69/71
Airflow Rate (High)	Indoor / Outdoor	High	m³/h	850/1780	950/1910	1050/ 1900	1360/ 2460	1700/ 3600	2050/ 3800	2550/ 6750
Static pressure range (Standard)			Pa	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (47)	30 to 200 (47)	30 to 200 (60)
Net Dimensions H x W x D	Indoor	mm	300×700×700	300×700×700	300×1000×700	300×1000×700	300×1000×700	300×1400×700	300×1400×700	300×1400×700
		kg(lbs)	27 (59)	27 (59)	36 (79)	36 (79)	36 (79)	46 (101)	46 (101)	46 (101)
Weight	Outdoor	mm	578×790×300	578×790×300	620×790×290	620×790×290	830×900×330	830×900×330	1290×900×330	1290×900×330
		kg(lbs)	40 (88)	40 (88)	41 (90)	41 (90)	61 (134)	61 (134)	86 (189)	86 (189)
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)			m	25 (15)	25 (15)	30 (15)	30 (15)	50 (20)	50 (20)	50 (20)
Max Height Difference				15	15	20	20	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-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	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.80 (3.8)	1.80 (3.8)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.35 (7.0)

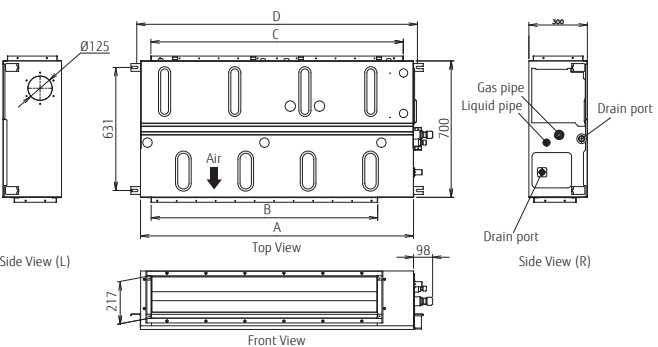
Optional parts

Wired Remote Controller:	UTY-RNRYZ2, UTY-RVNYM, UTY-RNNYM, UTY-RLRY	Long life filter:	UTD-LFNA (for ARYG36/45/54LHTBP) UTD-LFNB (for ARYG24/30LHTBP) UTD-LFNC (for ARYG12/14LHTBP)
Simple Remote Controller:	UTY-RSNYM, UTY-RSRY	Remote Sensor Unit:	UTY-XSZX
IR Receiver Unit :	UTY-LBTYM	Wireless LAN Interface:	UTY-TFNXZ1
External input and output PCB (with bracket):	UTY-XCSX + UTZ-GXNA		
External connect kit:	UTY-XWZXZG, UTY-XWZXZ3		



Dimensions

(Unit : mm)



	ARYG12/14LHTBP	ARYG18/24/30LHTBP	ARYG36/45/54LHTBP
A	700	1,000	1,400
B	462	762	1,162
C	650	895	1,295
D	740	1,040	1,440

Medium Static Pressure Duct

Standard

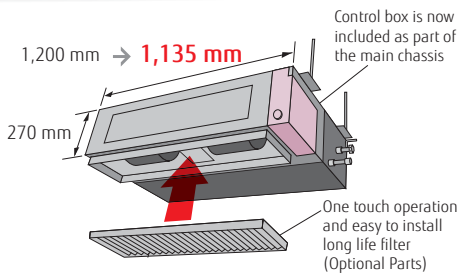
Single phase
(30/36/45) (24)

ALL DC i I-PAM V V-PAM

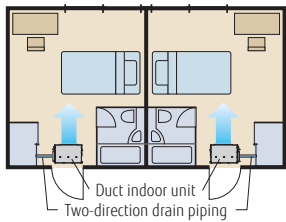


Slim & Compact design

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.



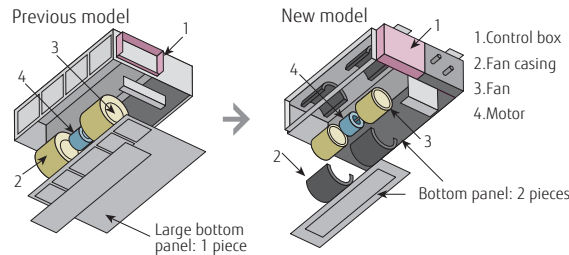
Two-direction drain piping



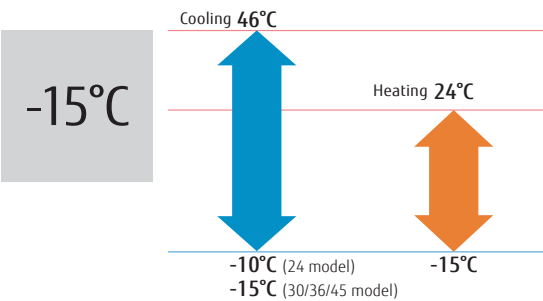
Easy maintenance

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



Low ambient operation



Model : ARYG24LMLA / ARYG30LMLE / ARYG36LMLE / ARYG45LMLA / ARYG36LMLA [3phase] / ARYG45LMLA [3phase]

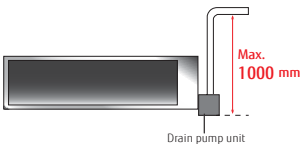


Specifications

Model No.	Indoor unit		ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA	ARYG45LMLA	ARYG36LMLA	ARYG45LMLA	
	Outdoor unit		AOYG24LBCB	AOYG30LETL	AOYG36LETL	AOYG45LBTC	AOYG45LETL	AOYG36LATT	AOYG45LATT	
Power Source			Single-phase, ~230V, 50Hz					3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.0)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	
	Heating		8.0 (0.9-9.1)	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.2)	13.1 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	
Input Power	Cooling/Heating	kW	2.21/2.26	2.65/2.68	2.96/3.10	4.29/3.84	3.77/3.68	2.84/2.87	3.89/3.88	
EER	Cooling	W/W	3.08	3.21	3.18	2.82	3.21	3.52	3.21	
COP	Heating		3.54	3.73	3.61	3.46	3.61	3.90	3.61	
Pdesign	Cooling/Heating(-10°C)	kW	6.8/6.0	8.5/8.0	9.4/8.7	-	-	10.0/10.0	-	
SEER	Cooling	W/W	5.60	5.90	5.70	-	-	5.80	-	
SCOP	Heating		3.90	3.90	3.80	-	-	4.00	-	
Energy Efficiency Class	Cooling	A	A++	A+	A+	-	-	A+	-	
	Heating		A+	A	A	-	-	A+	-	
Max. Operating Current	Cooling/Heating	kWh/a	14.7/15.7	17.0/17.0	18.5/20.0	23.5/23.5	21.0/21.0	8.5/8.5	9.5/9.5	
Annual Energy Consumption	Heating		384	504	576	-	-	603	-	
Moisture Removal		l/h	2098	2868	3202	-	-	3497	-	
			2.5	2.5	3.0	4.0	4.0	3.0	4.5	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	42/38/32/28	38/36/31/26	42/38/32/28	
	Indoor (Heating)	H/M/L/Q	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/38/32/28	40/36/31/26	42/38/32/28	
Sound Power Level	Outdoor(Cooling/Heating)	High	53/54	53/55	54/55	58/58	55/55	51/53	54/54	
	Indoor(Cooling/Heating)	High	60/62	65/69	65/70	-	-	65/67	-	
Airflow Rate	Outdoor(Cooling/Heating)	High	66/66	68/69	69/70	-	-	67/69	-	
	Indoor / Outdoor	High	m³/h	1100/2850	1900/3600	1900/3800	2100/4650	2100/6750	1800/6200	2100/6750
Static pressure range (Standard)			Pa	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30 to 150 (60)	30 to 150 (47)	30 to 150 (60)
Net Dimensions	Indoor	mm	270×1135×700	270×1135×700	270×1135×700	270×1135×700	270×1135×700	270×1135×700	270×1135×700	
		kg(lbs)	38 (84)	40 (88)	40 (88)	40 (88)	40 (88)	40 (88)	40 (88)	
H x W x D	Outdoor	mm	716-820×315	830×900×330	830×900×330	914×970×370	1290×900×330	1290×900×330	1290×900×330	
Weight		kg(lbs)	42 (-)	61 (134)	61 (134)	75 (165)	86 (190)	104 (229)	104 (229)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Drain hose Diameter (I.D./O.D.)			mm	35.7/38.1	35.7/38.1	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)	50 (20)	75 (30)	75 (30)
Max Height Difference				20	30	30	30	30	30	
Operation Range	Cooling	°CDB	-10 to 46	-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	-15 to 24	
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge		1.50 (3.1)	2.10 (4.4)	2.10 (4.4)	2.90 (6.1)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	

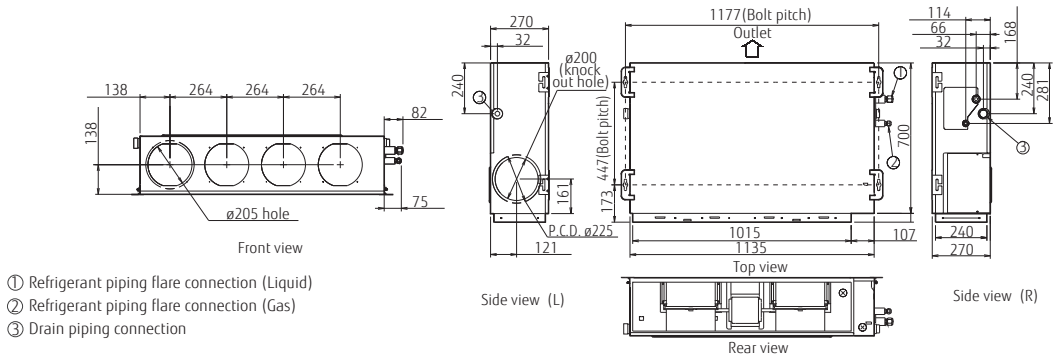
Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM	Remote Sensor Unit:	UTY-XSZX
Simple Remote Controller:	UTY-RSNYM	Drain Pump Unit:	UTZ-PX1NBA
Flange (Round):	UTD-RF204	IR Receiver Kit:	UTY-LRHYM
Flange (Square):	UTD-SF045T	External connect kit:	UTD-ECCSA
Long Life Filter:	UTD-LF25NA	Wireless LAN Interface:	UTY-TFNXZ1



Dimensions

(Unit : mm)

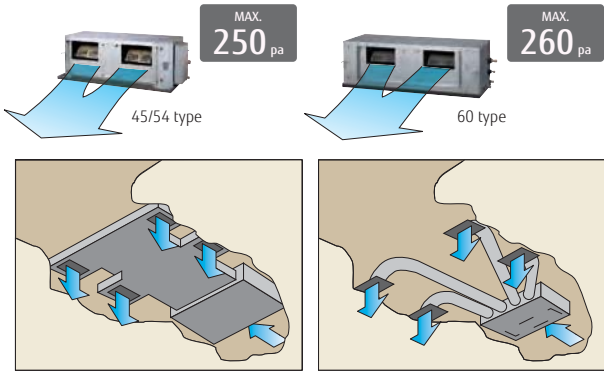




High energy efficiency

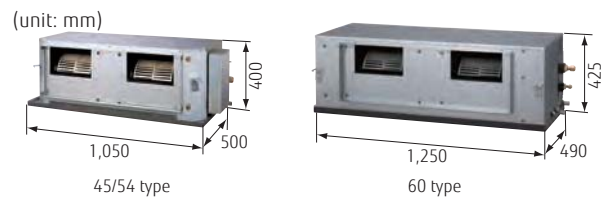
Significantly greater efficiency is realized by using all DC inverter technology. (60 type)

Design also corresponding to high static pressure



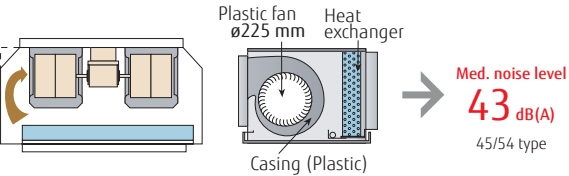
Easy installation
(Compact size & Lightweight)

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

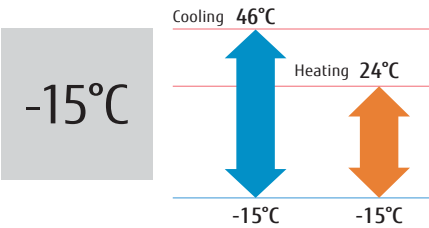


Low noise

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



Low ambient operation



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



Specifications

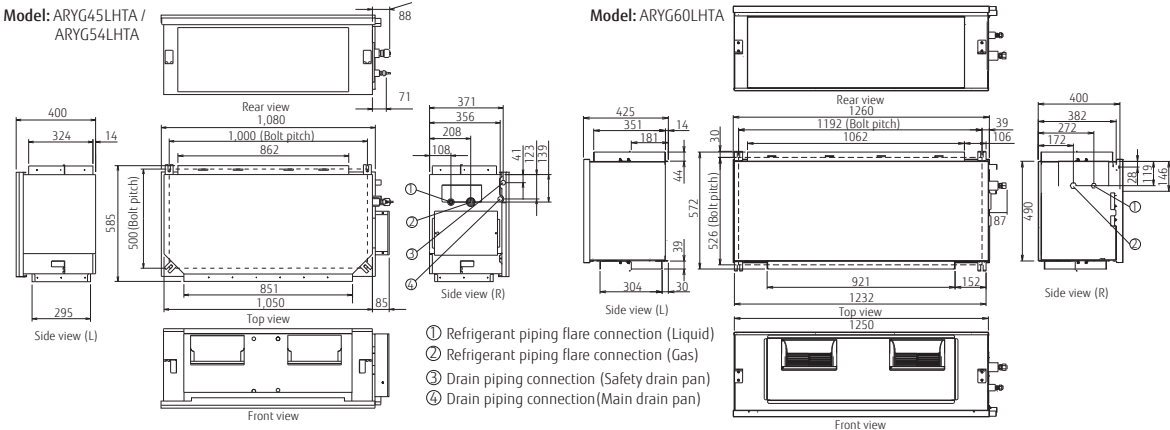
Model No.	Indoor unit		ARYG45LHTA	ARYG54LHTA	ARYG45LHTA	ARYG54LHTA	ARYG60LHTA
	Outdoor unit		AOYG45LETL	AOYG54LETL	AOYG45LATT	AOYG54LATT	AOYG60LATT
Power Source			Single-phase, ~230V, 50Hz		3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	12.5 (4.5-14.0)	13.4 (5.0-14.5)	12.5 (5.0-14.0)	14.0 (5.4-16.0)	15.0 (6.2-17.5)
	Heating		14.0 (5.0-16.2)	16.0 (5.5-18.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)	18.0 (6.2-20.0)
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
Max. Operating Current	Cooling/Heating	A	22.5/22.5	23.5/23.5	11.0/11.0	12.0/12.0	12.5/12.5
Moisture Removal		l/h	1.5	2.0	1.5	2.5	2.0
Sound Pressure	Indoor (Cooling)	H/M/L/Q	47/43/40/-	47/43/40/-	47/43/40/-	47/43/40/-	45/40/36/-
	Indoor (Heating)	H/M/L/Q	47/43/40/-	47/43/40/-	47/43/40/-	47/43/40/-	45/40/36/-
	Outdoor(Cooling/Heating)	High	55/55	55/57	54/54	55/56	56/58
Airflow Rate	Indoor / Outdoor	High	m³/h	3350/6750	3350/6750	3350/6750	3350/6900
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	60 to 260 (60)
Net Dimensions	Indoor	mm	400×1050×500	400×1050×500	400×1050×500	400×1050×500	425×1250×490
H x W x D		kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	54 (119)
Weight		mm	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
	Outdoor	kg(lbs)	86 (189)	86 (189)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)		mm	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	-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
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	3.35 (7.0)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)

Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Long-Life Filter: UTD-LF60KA (For ARYG45/54LHTA only)
Remote Sensor Unit: UTY-XSZX
IR Receiver Kit: UTY-LRHYM(For ARYG60LHTA only)
External connect kit: UTD-ECSSA, UTY-XWZXZ3
Wireless LAN Interface: UTY-TFNXZ1

Dimensions

(Unit : mm)

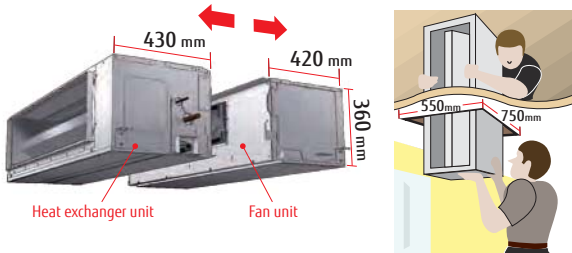


Big Duct



Separation is possible by lightweight compact design

The indoor unit can be separated into fan unit and heat-exchanger unit to assist the installation works.



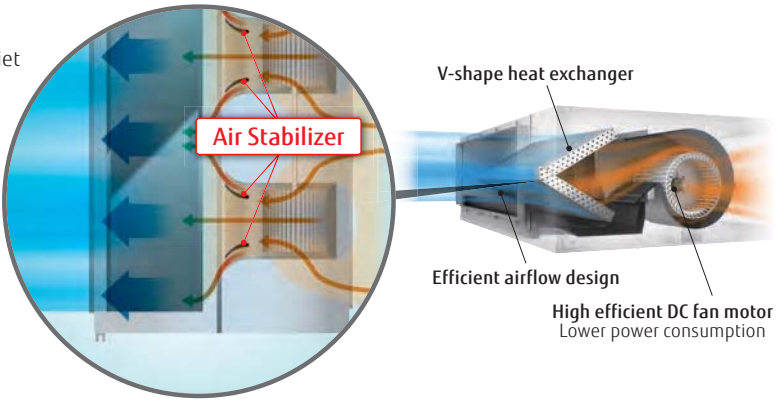
Automatic Airflow adjustment function

This function can set the optimum airflow automatically, so installation time is shortened drastically.



Quiet operation

The combination of the V-shaped heat exchanger, air stabilizer, and the high efficient DC fan motor allowed quiet operation despite of the small structural design.



Model : ARYG72LHTA / ARYG90LHTA



Specifications

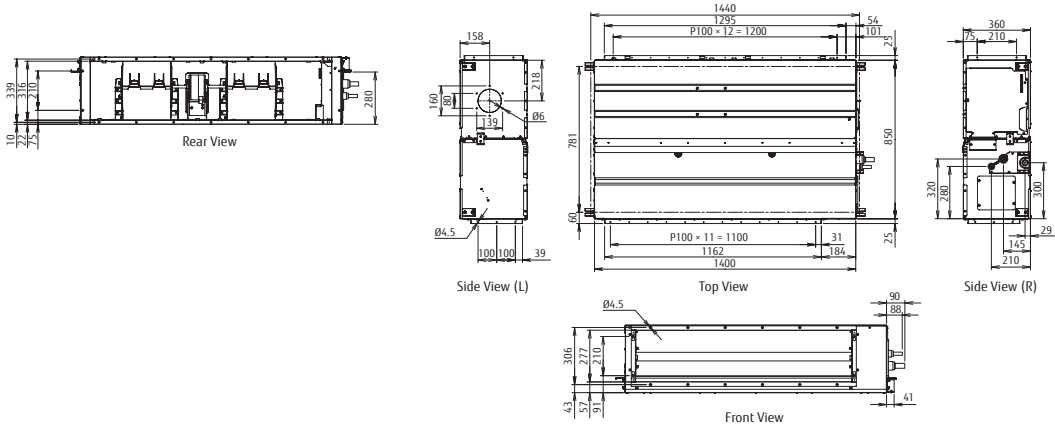
Model No.	Indoor unit		ARYG72LHTA		ARYG90LHTA		
	Outdoor unit		AOYG72LRLA		AOYG90LRLA		
Power Source	Indoor		Single-phase, ~230V, 50Hz				
	Outdoor		3-phase, ~400V, 50Hz				
Capacity	Cooling	kW	19.0 (8.4-20.9)		22.0 (10.3-24.2)		
	Heating		22.4 (7.2-24.6)		27.0 (8.5-29.7)		
Input Power	Cooling/Heating	kW	6.46 / 6.59		7.77 / 8.18		
EER	Cooling	W/W	2.94		2.83		
COP	Heating		3.4		3.3		
Max. Operating Current	Indoor(Cooling/Heating)		4.6/4.6		6.0/6.0		
	Outdoor(Cooling/Heating)		13.3/13.3		14.6/14.6		
Moisture Removal		l/h	4.5		6.0		
Sound Pressure	Indoor (Cooling)	H/M/L/Q	dB(A)	46/43/41/39		47/44/42/40	
	Indoor (Heating)	H/M/L/Q		46/43/41/39		47/44/42/40	
	Outdoor(Cooling/Heating)	High		55/55		55/57	
Airflow Rate	Indoor / Outdoor	High	m³/h	4300/8400		4300/9000	
Static pressure range (Standard)			Pa	50 to 150 (72)		50 to 200 (72)	
Net Dimensions H x W x D	Indoor		mm	360×1400×850		360×1400×850	
			kg(lbs)	69 (152)		80 (176)	
Weight	Outdoor		mm	1428×1080×480		1428×1080×480	
			kg(lbs)	165 (363)		174 (383)	
Connection Pipe Diameter (Liquid / Gas)			mm	12.7/25.4		12.7/25.4	
Drain Hose Diameter (I.D./O.D.)				23.4/25.4		23.4/25.4	
Max Pipe Length (Pre-Charge)			m	100 (30)		100 (30)	
Height Difference				30		30	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46		
	Heating		-20 to 24		-20 to 24		
Refrigerant	Type (Global Warming Potential)		R410A (2,088)		R410A (2,088)		
	Charge	kg(CO2eq-T)	5.6 (11.7)		7.1 (14.8)		

Optional parts

Wired Remote Controller:	UTY-RNRY22, UTY-RLRY, UTY-RVNYM, UTY-RNNYM	External Input and Output PCB:	UTY-XCSX
Simple Remote Controller:	UTY-RSRY, UTY-RHRY, UTY-RSNYN	Drain Pump Unit:	UTZ-PX1NAB
IR Receiver Unit:	UTY-LBTYM	Long Life filter:	UTD-LFKA
Remote Sensor Unit:	UTY-XSZX	Wireless LAN Interface:	UTY-TFSXZ1
External Connect Kit:	UTY-XWZXZG		

Dimensions

(Unit : mm)

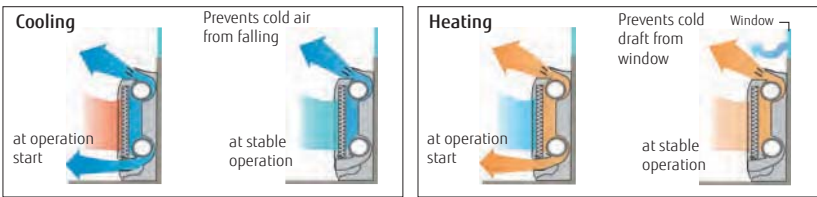


PRODUCT LINEUP: SPLIT



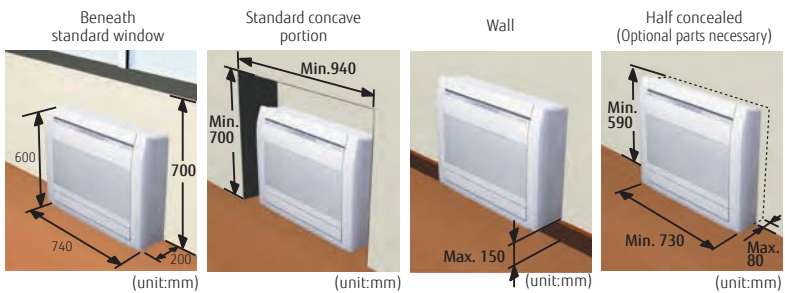
2-Fan & Wide airflow

Individual vertical airflow by 2-fan can control the whole room comfortably.



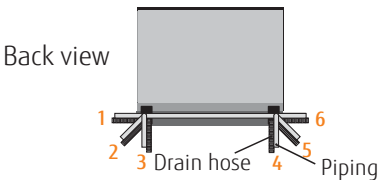
Flexible & easy installation

Due to compact and whole surface suction method model, floor, concealed, half concealed, or wall mounted installation can be available to match the room layout.



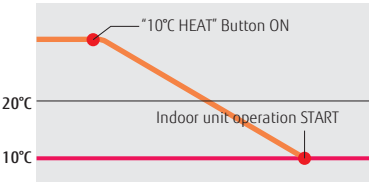
Flexible piping connection 6 direction of drain & piping

Drain horse and piping can be drawn flexibly in the right, left, side, and down directions

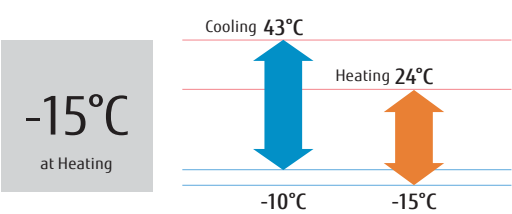


10°C HEAT Operation

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



Low ambient operation



Model: AGYG09LVCA / AGYG12LVCA / AGYG14LVCA



Specifications

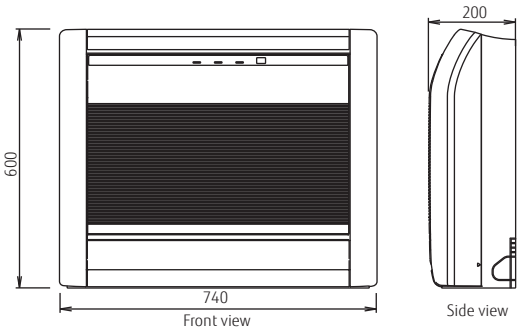
Model No.	Indoor unit		AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
	Outdoor unit		A0YG09LVCA	A0YG12LVCA	A0YG14LVLA
Power Source			Single-phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.6 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.0)
	Heating		3.5 (0.9-5.5)	4.5 (0.9-6.6)	5.2 (0.9-8.0)
Input Power	Cooling/Heating	kW	0.53/0.79	0.94/1.19	1.14/1.44
EER	Cooling	W/W	4.91	3.72	3.68
COP	Heating		4.43	3.78	3.61
Pdesign	Cooling/Heating(-10°C)	kW	2.6/2.9	3.5/3.8	4.2/4.7
SEER	Cooling	W/W	7.00	6.50	6.40
SCOP	Heating (Average)		4.20	4.00	4.00
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.0/10.0	7.0/10.0	9.0/13.5
Annual Energy Consumption	Cooling	kWh/a	130	188	230
	Heating		967	1330	1645
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/M/L/Q		40/35/29/22	43/37/29/22
	Outdoor(Cooling/Heating)	High		47/48	50/50
Sound Power Level	Indoor(Cooling/Heating)	High	55/56	55/56	58/58
	Outdoor(Cooling/Heating)	High	64/65	64/65	65/66
Airflow Rate	Indoor / Outdoor	High	m³/h	570/1680	650/1910
Net Dimensions H x W x D	Indoor	mm	600×740×200	600×740×200	600×740×200
		kg(lbs)	14 (31)	14 (31)	14 (31)
	Outdoor	mm	540×790×290	540×790×290	578×790×300
Weight		kg(lbs)	36 (79)	36 (79)	40 (88)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/12.7
Drain hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
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	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.05 (2.2)	1.05 (2.2)	1.15 (2.4)

Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Half Concealed Kit: UTR-STA
Wireless LAN Interface: UTY-TFNXZ1

Dimensions

(Unit : mm)



Floor/Ceiling

Comfort & Dual Design



Flexible installation

Example for floor installation

Floor console



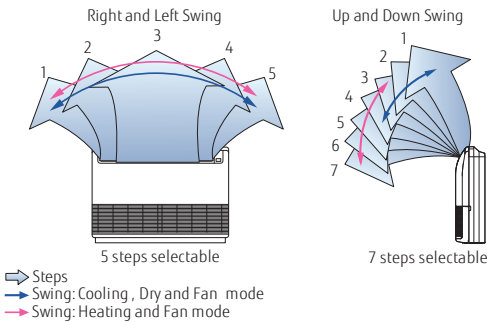
Example for ceiling installation

Under ceiling



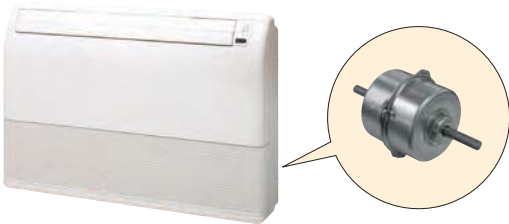
Double auto swing

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

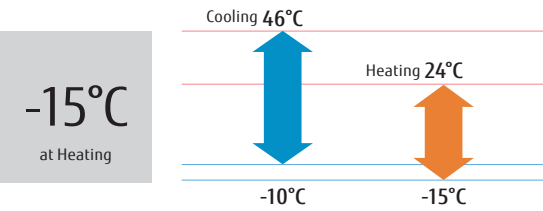


High power DC fan motor

- High power
- Wide rotation range
- High efficiency



Low ambient operation



Model : ABYG18LVTB / ABYG24LVTA



Wireless R.C.



For ABYG18LVTB



For ABYG24LVTA

Specifications

Model No.	Indoor unit		ABYG18LVTB		ABYG24LVTA		
	Outdoor unit		AOYG18LBCB		AOYG24LBCB		
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	5.2 (0.9-5.9)		6.8 (0.9-8.0)		
	Heating		6.0 (0.9-7.5)		8.0 (0.9-9.1)		
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		
Pdesign	Cooling/Heating(-10°C)	kW	5.2/5.2		6.8/6.0		
SEER	Cooling	W/W	6.10		5.60		
SCOP	Heating (Average)		4.00		3.90		
Energy Efficiency Class	Cooling		A++		A+		
	Heating (Average)		A+		A		
Max. Operating Current	Cooling/Heating	A	11.5/13.5		14.7/15.7		
Annual Energy Consumption	Cooling	kWh/a	298		425		
	Heating		1819		2153		
Moisture Removal		l/h	2.0		2.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	43/40/34/31		48/44/40/35	
	Indoor (Heating)	H/M/L/Q		43/40/34/31		48/44/40/35	
Sound Power Level	Outdoor(Cooling/Heating)	High		50/50		53/54	
	Indoor(Cooling/Heating)	High		57/57		61/61	
	Outdoor(Cooling/Heating)	High	62/65		66/66		
	Airflow Rate	Indoor / Outdoor	High	m³/h	780/2380		980/2850
Net Dimensions H x W x D	Indoor		mm	199×990×655		199×990×655	
			kg(lbs)	27 (59)		27 (59)	
Weight	Outdoor		mm	632×799×290		716×820×315	
			kg(lbs)	36 (79)		42 (93)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/12.70		6.35/15.88	
Drain hose 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	Type (Global Warming Potential)		R410A (2,088)		R410A (2,088)		
	Charge	kg(CO2eq-T)	1.20 (2.5)		1.50 (3.1)		

Optional parts

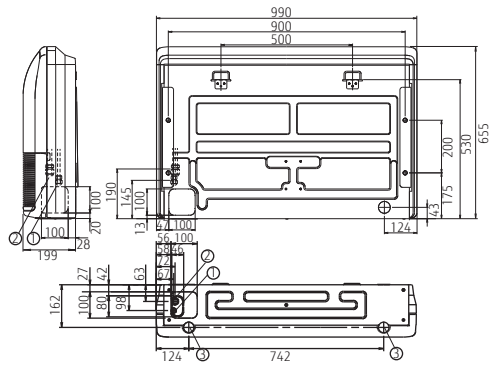
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

Wireless LAN Interface: UTY-TFNXZ1

Dimensions

(Unit : mm)



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

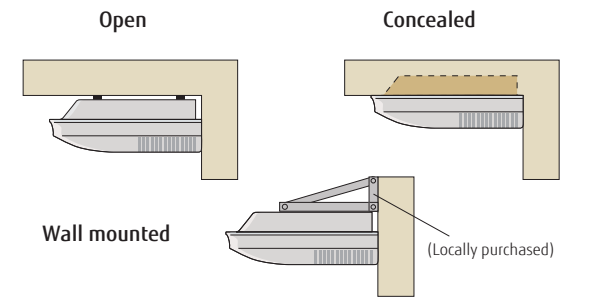
Ceiling

Comfort for Large Room



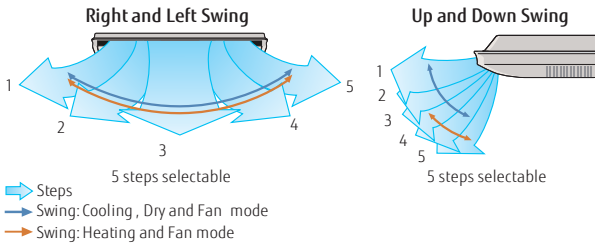
Flexible installation

Various installations are possible to match the room layout.

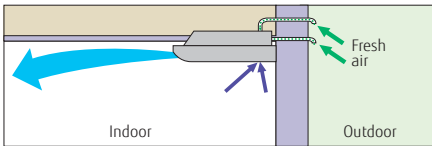


Multi auto swing

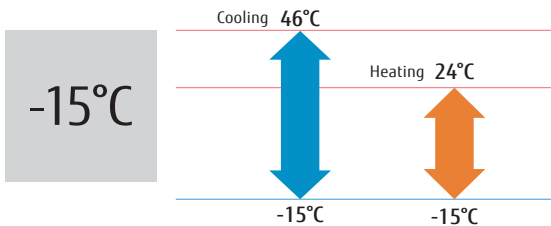
A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



Fresh air intake



Low ambient operation



Model : ABYG30LRTE / ABYG36LRTE / ABYG45LRTA /
ABYG36LRTA [3phase] / ABYG45LRTA [3phase] / ABYG54LRTA [3phase]



Wireless R.C.



For ABYG30/36LRTE



For ABYG45LRTA
(Single -phase)



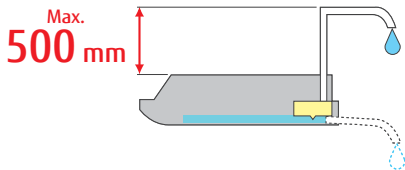
For ABYG36/45/54LRTA

Specifications

Model No.	Indoor unit		ABYG30LRTE	ABYG36LRTE	ABYG45LRTA	ABYG45LRTA	ABYG36LRTA	ABYG45LRTA	ABYG54LRTA
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LBTC	AOYG45LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT
Power Source			Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.0)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)
	Heating		10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.2)	13.3 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)
Input Power	Cooling/Heating	kW	2.65/2.77	2.93/3.02	4.29/3.84	3.77/3.68	2.84/2.87	3.89/3.88	4.65/4.67
EER	Cooling	W/W	3.21	3.21	2.82	3.21	3.52	3.21	3.01
COP	Heating		3.61	3.71	3.46	3.61	3.90	3.61	3.43
Pdesign	Cooling/Heating (-10°C)	kW	8.5/8.0	9.4/8.7	-	-	10.0/10.0	-	-
SEER	Cooling	W/W	6.10	6.00	-	-	6.10	-	-
SCOP	Heating		4.20	4.10	-	-	4.10	-	-
Energy Efficiency Class	Cooling		A++	A+	-	-	A++	-	-
	Heating		A+	A+	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	17.0/17.0	18.5/20.0	23.5/23.5	21.0/21.0	7.9/7.9	8.9/8.9	9.9/9.9
Annual Energy Consumption	Cooling	kWh/a	487	548	-	-	573	-	-
	Heating		2662	2965	-	-	3414	-	-
Moisture Removal		l/h	2.5	3.0	4.0	4.0	3.0	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/43/37/32	47/43/37/32	49/45/39/34	49/45/39/34	47/43/37/32	49/45/39/34	51/48/42/38
	Indoor (Heating)	H/M/L/Q	45/43/37/32	47/43/37/32	49/45/39/34	49/45/39/34	47/43/37/32	49/45/39/34	51/48/42/38
Sound Power Level	Outdoor (Cooling/Heating)	High	53/55	54/55	58/58	55/55	51/53	54/54	55/56
	Indoor (Cooling/Heating)	High	57/60	60/61	-	-	61/61	-	-
Airflow Rate	Indoor / Outdoor	High	1660/3600	1900/3800	2100/4650	2100/6200	1900/6200	2100/6900	2300/6900
Net Dimensions H x W x D	Indoor	mm	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700
	Outdoor	mm	830×900×330	830×900×330	914×970×370	1290×900×330	1290×900×330	1290×900×330	1290×900×330
Weight	Indoor	kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	48 (106)
	Outdoor	kg(lbs)	61 (134)	61 (134)	75 (165)	86 (189)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6
Max Pipe Length (Pre-Charge)		m	50 (20)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	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	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	2.10 (4.4)	2.10 (4.4)	2.90 (6.1)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)

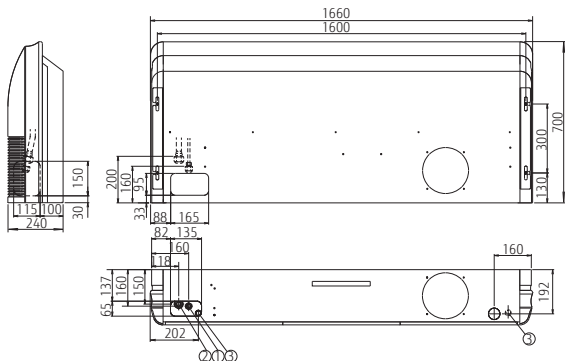
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Drain Pump Unit: UTR-DPB24T
Flange: UTD-RF204



Dimensions

(Unit : mm)



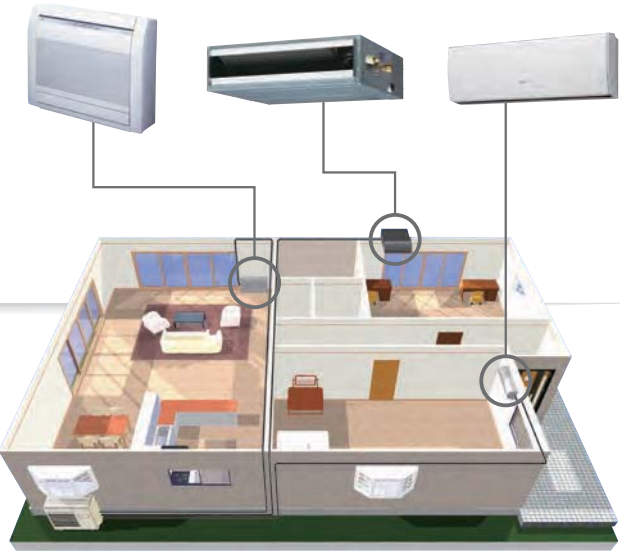
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

PRODUCT LINEUP: MULTI SPLIT

2 & 3-4 Rooms
Multi

Wide range of indoor units with various models

7 types 26 models are lined up in the capacity range from 2 kW to 7 kW class. Wide range of needs can be met from rooms of private homes to 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.

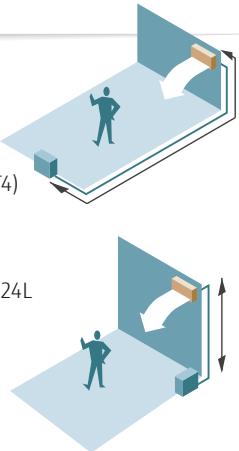
Flexible installation

Up to max. piping length of 70 m (AOYG30LAT4), max. height difference of 15 m can be supported. Multi type can be installed in large-size residence or buildings with multiple floors.

Max. Piping Length (Each Unit):
20 m (AOYG14LAC2 / 18LAC2),
25 m (AOYG18LAT3 / 24LAT3 / 30LAT4)

Max. Height:
15 m (AOYG14LAC2/18LAC2/18LAT3/24LAT3/30LAT4)

Total Piping Length:
30 m (AOYG14LAC2 / 18LAC2),
50 m (AOYG18LAT3 / 24LAT3),
70 m (AOYG30LAT4)



2 Rooms: AOYG14LAC2 / AOYG18LAC2
3 Rooms: AOYG18LAT3 / AOYG24LAT3
4 Rooms: AOYG30LAT4



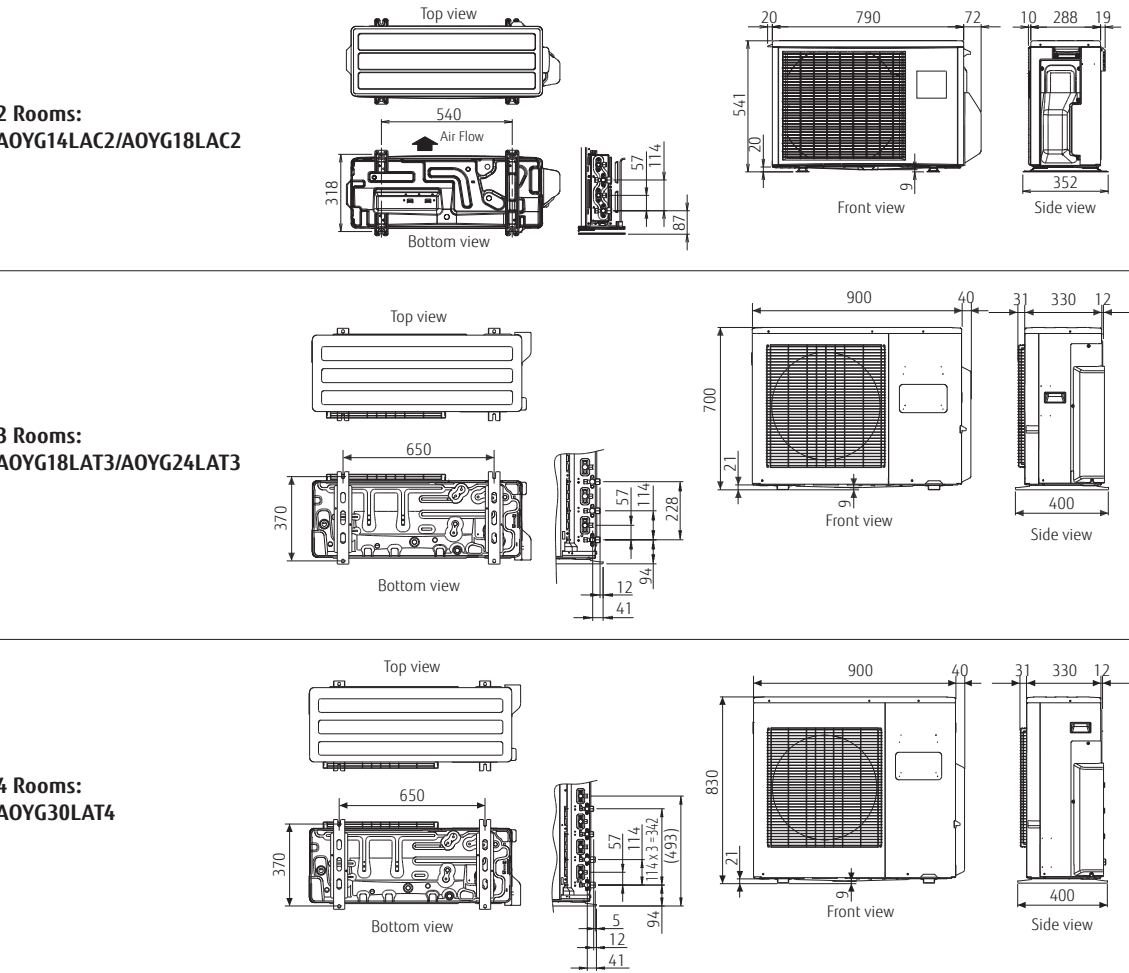
Specifications (2 ROOMS, 3 ROOMS, 4 ROOMS)

Model No.		Outdoor unit		AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4	
Power Source				Single-phase, ~230V, 50Hz					
Rated Capacity (min-max)	Cooling	kW	4.0 (1.4-4.4)		5.0 (1.7-5.6)	5.4 (1.8-6.8)	6.8 (1.8-8.5)	8.0 (3.5-10.1)	
	Heating		4.4 (1.1-5.4)		5.6 (1.8-6.1)	6.8 (2.0-8.0)	8.0 (2.0-8.8)	9.6 (3.7-12.0)	
EER	Cooling	W/W	3.67		3.21	4.00	3.51	3.60	
COP	Heating		4.27		3.97	4.20	4.00	4.00	
Sound Pressure Level (High)	Cooling	dB(A)	47		50	46	48	50	
	Heating		49		51	47	49	51	
Sound Power Level (High)	Cooling		61		63	65	68	68	
	Heating		63		64	67	70	70	
Net Dimensions H × W × D Weight		mm	540×790×290		540×790×290	700×900×330	700×900×330	830×900×330	
		kg(lbs)	37 (82)		38 (84)	55 (121)	55 (121)	68 (150)	
Connection Pipe Diameter		Liquid	mm	6.35×2		6.35×2	6.35×3	6.35×4 (*6.35×3, 9.52)	
		Gas		9.52 × 2		9.52 × 2 *(9.52, 12.7)	9.52 × 2, 12.7 *(9.52 × 3)	9.52 × 2, 12.7 *(9.52 × 3)	9.52 × 2, 12.7 × 2 *(9.52 × 3, 12.7) *(9.52 × 2, 12.7, 15.88)
Max. Pipe Length		Total / Each		30 / 20		30 / 20	50 / 25	50 / 25	70 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.		m	15		15	15	15	15
	Between Indoor Units.			10		10	10	10	10
Operation Range	Cooling	°CDB	10 to 46		10 to 46	-10 to 46	-10 to 46	0 to 46	
	Heating		-15 to 24		-15 to 24	-15 to 24	-15 to 24	-10 to 24	
Refrigerant	Type (Global Warming Potential)			R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.25 (2.6)	1.30 (2.7)	2.20 (4.6)	2.20 (4.6)	3.30 (6.9)		

* Connect to connection valve by the adapter.

Dimensions

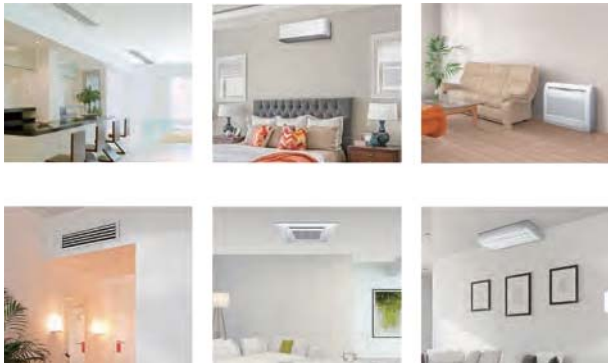
(Unit : mm)





Wide range of indoor units with various models

6 types 26 models are lined up in the capacity range from 2 kW to 7 kW class. Wide range of needs can be met from rooms of private homes to large shops and hotels.



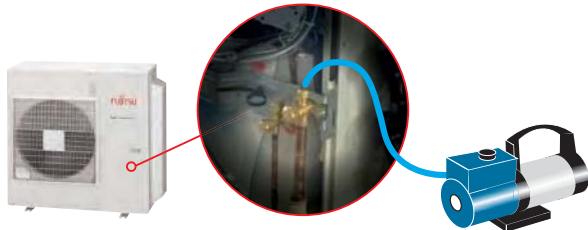
Compact design

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 8 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

Max. Controllable
1 multi system
Max. Controllable
6 indoor units



5 Rooms: AOYG36LBLA5
6 Rooms: AOYG45LBLA6

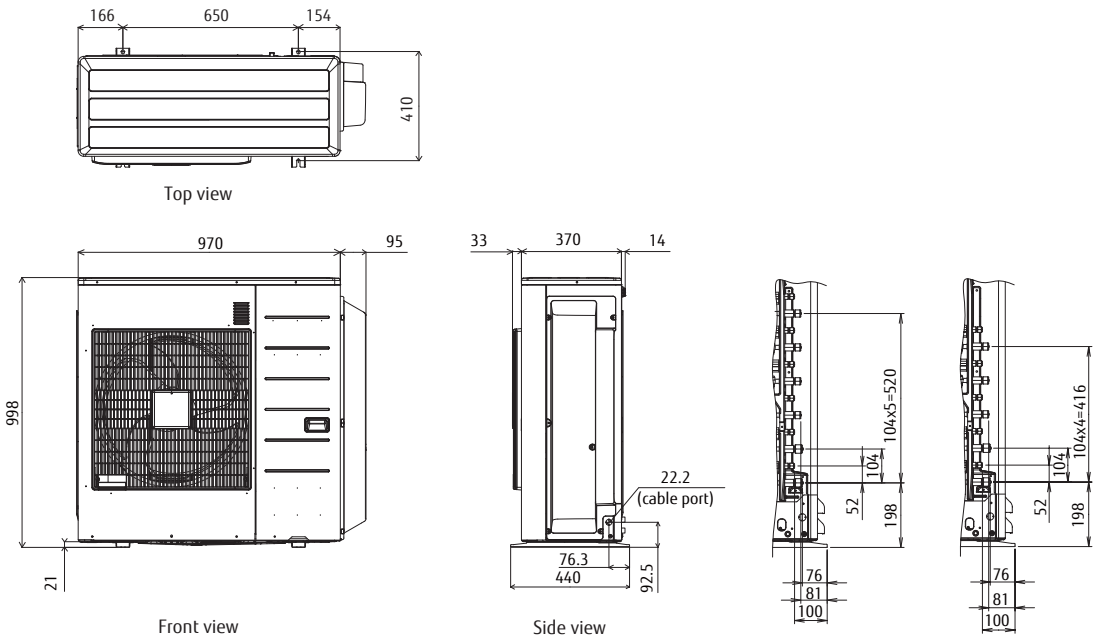


Specifications (5 ROOMS, 6 ROOMS)

Model No.		Outdoor unit		AOYG36LBLA5		AOYG45LBLA6	
Power Source				Single-phase, ~230V, 50Hz			
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)	
EER		Cooling	W/W	4.10		3.50	
COP		Heating		4.30		4.00	
Sound Pressure Level (High)		Cooling	dB(A)	53		53	
		Heating		55		55	
Sound Power Level (High)		Cooling		67		67	
		Heating		68		68	
Net Dimensions H × W × D			mm	998×970×370		998×970×370	
Weight			kg(lbs)	94 (207)		94 (207)	
Connection Pipe Diameter		Liquid	mm	6.35×5		6.35×6	
		Gas		9.52 × 3, 12.7 × 2		9.52 × 4, 12.7 × 2	
Max. Pipe Length		Total / Each	m	80 / 25		80 / 25	
Max. Height Difference		Between Outdoor Unit and Each Indoor Units.		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		Type (Global Warming Potential)		R410A (2,088)		R410A (2,088)	
		Charge	kg(CO2eq-T)	4.00 (8.4)		4.00 (8.4)	

Dimensions

(Unit : mm)





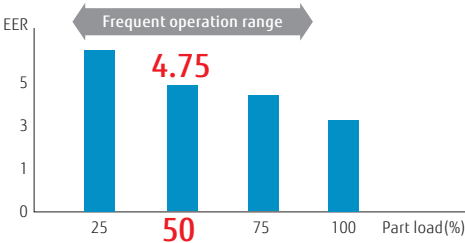
Compact outdoor unit

The compact design outdoor unit allows to be installed below a window and in a narrow space.



High seasonal efficiency

The actual performance is conducted under various outside temperatures depending on weather and seasons, furthermore, especially for multi system, not all the rooms are operated all the time. So over 90% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. Considering these, we focused on energy-saving performance which is based on actual use. Efficiency of part load performance was drastically improved by developing ALL DC and our own inverter system.



Innovated technology

High efficiency large fan:
New high efficiency fan is mounted.

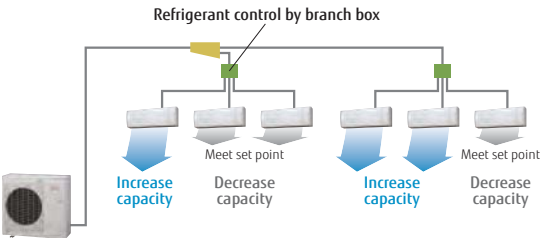
DC fan motor:
High performance and high efficiency has been realized by using a small DC fan motor.

Heat exchanger:
Reduced compact size and energy saving has been realized by utilizing high density piping design and 3-Row heat exchanger.

High efficiency DC twin rotary compressor:
A high performance, low noise, large capacity DC twin rotary compressor is used.

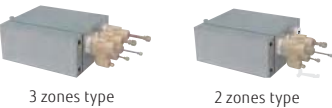
Quick comfort by optimized refrigerant control

Every room meets the set point most quickly and comfortably by optimized refrigerant control.



8 Rooms: AOYG45LBT8

Branch Box: UTP-PY03A / UTP-PY02A



Specifications

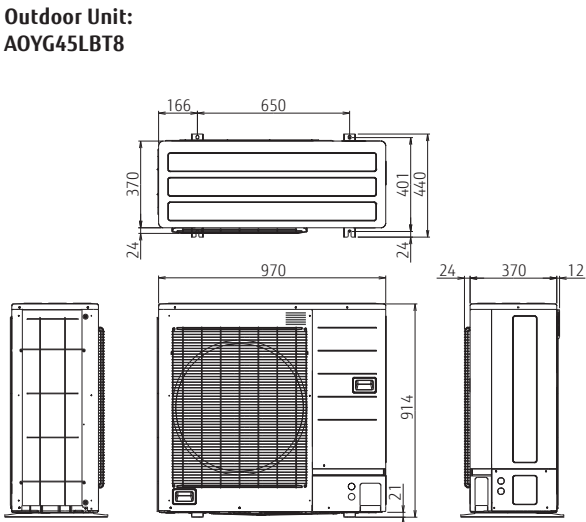
Model Name			AOYG45LBT8
Maximum Connectable Indoor Unit			8
Indoor Unit Connectable Capacity		Cooling	11.0 - 17.5
Power source			Single-phase, ~230V, 50Hz
Rated Capacity	Cooling	kW	14.0
	Heating		16.0
Input Power	Cooling	kW	5.20
	Heating		5.07
Airflow rate	Cooling	m³/h	4,650
	Heating		4,800
Sound Pressure Level	Cooling	dB(A)	56
	Heating		58
Heat Exchanger Fin			Plate fin coil
Net Dimensions H × W × D		mm	914×970×370
Weight		kg(lbs)	98 (217)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88
Max Pipe Length		m	115 (Total)
Max Height Difference (O.U ~ I.U)			30
Operating Range	Cooling	°CDB	-5 to 46
	Heating		-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)
	Charge	kg(CO2eq-T)	3.45 (7.2)

Model Name		UTP-PY03A	UTP-PY02A
Connectable Indoor Unit		1 to 3 Units	1 to 2 Units
Power source		Single-phase, ~230V, 50Hz	Single-phase, ~230V, 50Hz
Available Voltage Range		198-264V	198-264V
Power Consumption		W	10
Running Current		A	0.05
Net Dimensions H × W × D		mm	195×433×370
Weight		kg(lbs)	9 (20)
Connection pipe diameter	Liquid	°CDB	Main: 9.52×1, Branch:6.35×3
	Gas		Main: 15.88×1, Branch:12.7×3
	Method		Flare

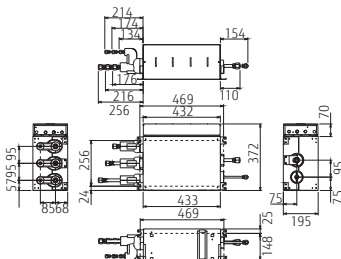
Note: Specifications are based on the following conditions.
• In case of connecting two indoor units(7 kW class).
• These are the measured values in the manufacturer's anechoic chamber.
• Cooling: Indoor temp. of 27°CDB/19°CWB, outdoor temp. of 35°CDB/24°CWB Heating: Indoor temp. of 20°CDB/15°CWB, outdoor temp. of 7°CDB/6°CWB
Pipe length: 5 m (Outdoor unit - Branch box), 3 m (Branch box - Indoor unit) Height difference : 0 m

Dimensions

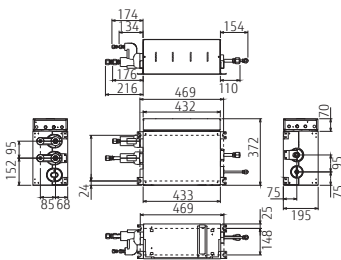
(Unit : mm)



Branch Box :
UTP-PY03A (3 branches type)



Branch Box :
UTP-PY02A (2 branches type)



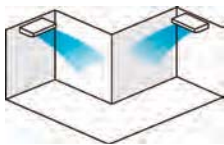
PRODUCT LINEUP: MULTI SPLIT



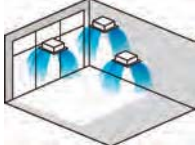
Can support various installation scenes from office to commercial space by same place multi connection of up to 3 units.

Indoor units distributed layout according to the shape and number of people and lighting conditions of the room. Ideal comfortable air flow distribution can be realized.

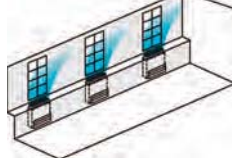
Installation according to floor layout



Installation according to lighting conditions

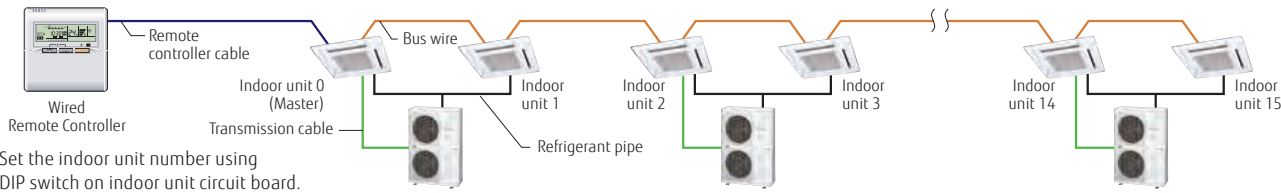


Installation according to layout and lighting conditions



Simultaneous control

Max 16 indoor units are simultaneously controlled with a wired remote controller.



Indoor unit lineup

3 types 9 models indoor units are provided, so you can select them depending on your room size and conditions.



Compact Cassette



Slim Duct



Duct



Floor/Ceiling Universal

Model : AOYG36LBTB / AOYG45LBTB / AOYG54LBTB
AOYG36LATT [3phase] / AOYG45LATT [3phase] / AOYG54LATT [3phase]



Specifications

Model No.	Indoor unit			Compact Cassette		
				AUYG18LVLB	AUYG22LVLA	AUYG24LVLA
Power Source				Single-phase, ~230V, 50Hz		
Airflow Rate (High)	Cooling	H/M/L/Q	m³/h	680/580/490/410	930/830/600/450	930/830/600/450
Net Dimension H × W × D			mm	245×570×570	245×570×570	245×570×570
Weight			kg (lbs)	15 (33)	16 (35)	16 (35)
Cassette Grille				UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W

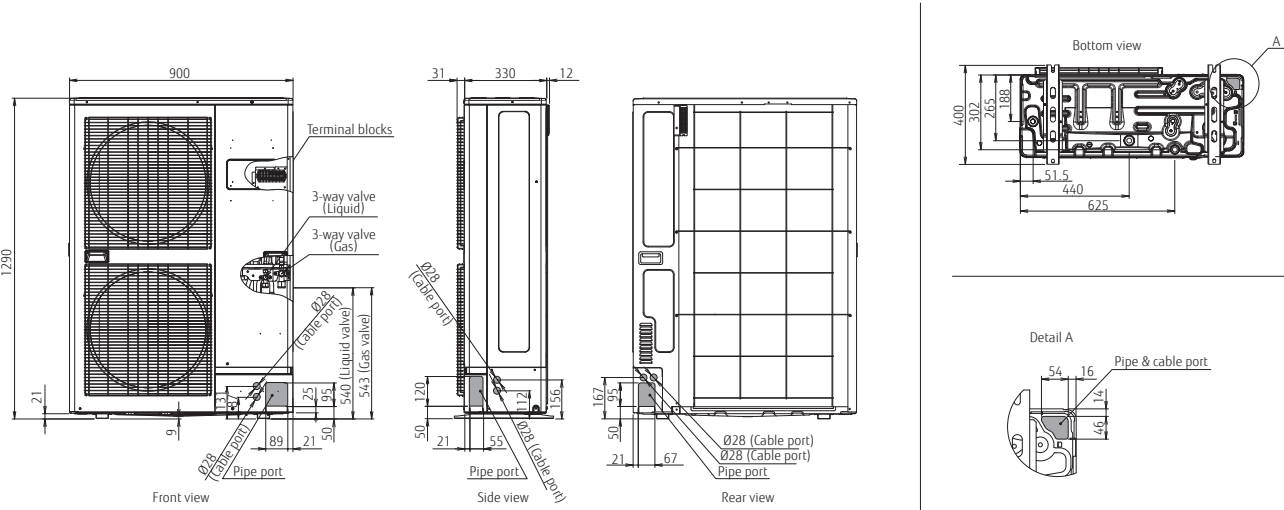
Model No.	Indoor unit			Duct			Floor/Ceiling Universal		
				ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ABYG18LVTB	ABYG22LVTA	ABYG24LVTA
Power Source				Single-phase, ~230V, 50Hz			Single-phase, ~230V, 50Hz		
Airflow Rate (High)		Cooling	H/M/L/Q	m³/h	940/880/820/750	1100/910/750/580	780/700/560/500	980/820/680/540	
Net Dimension H × W × D				mm	198 × 900 × 620	270 × 1135 × 700	199 × 990 × 655	199 × 990 × 655	
Weight				kg (lbs)	38 (84)	38 (84)	27 (60)	27 (60)	

Model No.	Outdoor unit		AOYG36LBTB	AOYG45LBTB	AOYG54LBTB	AOYG36LATT	AOYG45LATT	AOYG54LATT
Capacity	Cooling	kW	10.0	12.1	13.3	10.0	12.5	14.0
	Heating		11.2	14.0	15.0	11.2	14.0	16.0
Power Source			Single-phase, ~230V, 50Hz			3-phase, ~400V, 50Hz		
Pdesign	Cooling	kW	10.0	-	-	10.0	-	-
	Heating (-10°C)		10.0	-	-	10.0	-	-
SEER	Cooling	W/W	5.56	-	-	6.00	-	-
SCOP	Heating		3.90	-	-	4.00	-	-
Annual Energy Consumption	Cooling	kWh/a	629	-	-	583	-	-
	Heating		3588	-	-	3499	-	-
Energy Efficiency Class	Cooling		A	-	-	A+	-	-
	Heating		A	-	-	A+	-	-
Sound Pressure Level (High)	Cooling	dB(A)	52	54	55	51	54	55
Sound Power Level (High)	Heating		69	70	72	69	69	71
Net Dimension H × W × D		mm	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
Weight		kg(lbs)	93(205)	93(205)	93(205)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Max Pipe Length (Pre-Charge)		m	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)
Height Difference			30	30	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	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)
Separation tube			UTP-SX236A(Twin)	UTP-SX254A(Twin)	UTP-SX254A(Twin)/ UTP-SX354A(Triple)	UTP-SX236A (Twin)	UTP-SX254A (Twin)	UTP-SX254A (Twin) / UTP-SX354A (Triple)

*Different type and capacity indoor units can not be connected.
*The above table is the value for connecting with cassette type.

Dimensions

(Unit : mm)

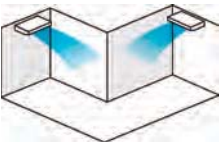




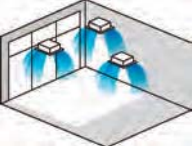
Can support various applications from large open plan offices to retail stores with up to 4 indoor units.

Indoor units distributed layout according to the shape and number of people and lighting conditions of the room even on wide floors. Ideal comfortable air flow distribution can be realized.

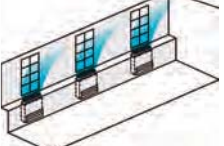
Installation according to floor layout



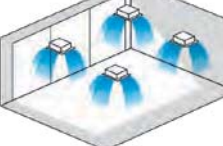
Installation according to lighting conditions



Installation according to layout and lighting conditions

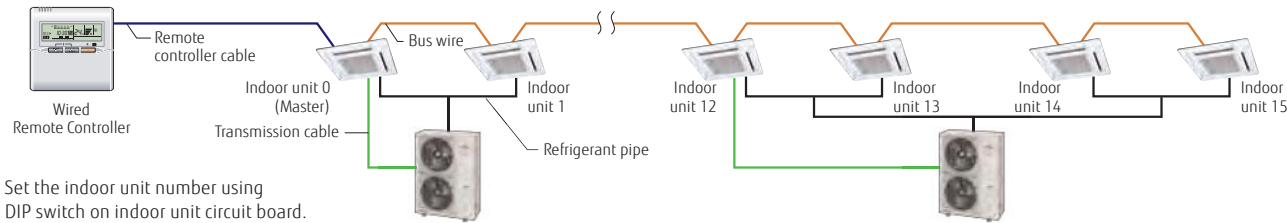


Installation according to large space



Simultaneous control

Max 16 indoor units are simultaneously controlled with a wired remote controller.



Set the indoor unit number using DIP switch on indoor unit circuit board.

*When using a wireless remote controller, the following functions cannot be used: Timer operation, Sleep Timer operation, 10°C Heat operation

Indoor unit lineup

5 types 18 models indoor units are provided, so you can select them depending on your room size and conditions.



Model: AOYG72LRLA [3phase] / AOYG90LRLA [3phase]



Specifications

Model No.	Indoor unit		Compact Cassette, Cassette					
			AUYG18LVLB	AUYG22LVLA	AUYG24LVLA	AUYG30LRL	AUYG36LRL	AUYG45LRL
Power Source			Single-phase, ~230V, 50Hz					
Airflow Rate (Cooling)	H/M/L/Q	m³/h	680/580/490/410	930/830/600/450	930/830/600/450	1600/1400/1270/1150	1800/1400/1270/1150	1900/1640/1460/1250
Net Dimension H × W × D		mm	245×570×570	245×570×570	245×570×570	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840
Weight		kg(lbs)	15 (33)	16 (35)	16 (35)	26 (57)	26 (57)	26 (57)
Cassette Grille			UTG-UFYD-W			UTG-UGYA-W		

Model No.		Indoor unit	Duct					
			ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA
Power Source			Single-phase, ~230V, 50Hz					
Airflow Rate (Cooling)	H/M/L/Q	m³/h	940/880/820/750	1100/910/750/580	1100/910/750/580	1900/1620/1270/980	1900/1620/1270/980	2100/1750/1350/1070
Net Dimension H × W × D		mm	198 × 900 × 620	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700
Weight		kg(lbs)	23 (51)	38 (84)	38 (84)	40 (88)	40 (88)	40 (88)

Model No.		Indoor unit		Floor/Ceiling, Ceiling					
				ABYG18LVTB	ABYG22LVTA	ABYG24LVTA	ABYG30LRTE	ABYG36LRTE	ABYG45LRTA
Power Source			Single-phase, ~230V, 50Hz						
Airflow Rate (Cooling)	H/M/L/Q	m³/h	780/700/560/500	980/820/680/540	980/820/680/540	1660/1500/1200/1000	1900/1500/1200/1000	2100/1700/1400/1100	
Net Dimension H × W × D		mm	199 × 990 × 655	199 × 990 × 655	199 × 990 × 655	240 × 1660 × 700	240 × 1660 × 700	240 × 1660 × 700	
Weight		kg(lbs)	27 (60)	27 (60)	27 (60)	46 (101)	46 (101)	46 (101)	

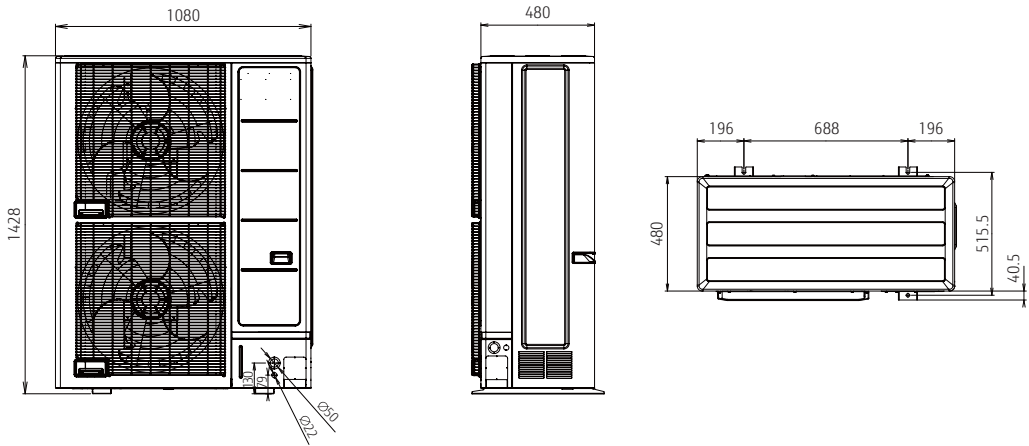
Model No.	Outdoor unit			AOYG72LRLA	AOYG90LRLA
	Cooling	Heating			
Capacity		kW		19.0	22.0
				22.4	27.0
Power Source		3-phase, ~400V, 50Hz			
Sound Pressure Level (High)	Cooling	dB(A)		55	55
Net Dimension H × W × D		mm		1428×1080×480	1428×1080×480
Weight		kg(lbs)		163 (359)	172 (378)
Connection Pipe Diameter (Liquid / Gas)		mm		12.7/25.4	12.7/25.4
Max Pipe Length (Pre-Charge)		m		100 (30)	100 (30)
Height Difference				30	30
Operation Range	Cooling	°CDB		-15 to 46	-15 to 46
	Heating			-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)			R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)		5.6 (11.7)	7.1 (14.8)

*: That specification is not fixed yet.

• Different type and capacity indoor units can not be connected.
• The above table is the value for connecting with cassette type.

Dimensions

(Unit : mm)



Connectable Indoor Units — Indoor Unit Lineup —

MULTI SPLIT Outdoor Unit	Type		2 Rooms		3 Rooms		4 Rooms	5 Rooms	6 Rooms	8 Rooms
	Model name		AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4	AOYG36LBA5	AOYG45LBA6	AOYG45LBT8
										
	Capacity (kW)	Cooling Heating	4.0 4.4	5.0 5.6	5.4 6.8	6.8 8.0	8.0 9.6	10.0 12.0	12.5 13.5	14.0 16.0

Indoor Unit	BTU	kW Class								
 ASYG07/09/12/14LMCE	7000	2.0	●	●	●	●	●	●	●	●
	9000	2.5	●	●	●	●	●	●	●	●
 ASYG07/09/12/14LUCA	12000	3.5	●	●	●	●	●	●	●	●
	14000	4.0	—	●	●	●	●	●	●	●
 ASYG18/24LF	18000	5.0	—	—	—	●	●	●	●	●
	24000	7.0	—	—	—	—	●	—	●	●
 AGYG09/12/14LV	9000	2.5	—	●	●	●	●	●	●	●
	12000	3.5	—	●	●	●	●	●	●	●
	14000	4.0	—	—	●	●	●	●	●	●
 AUYG07/09/12/14/18LV	7000	2.0	—	●	●	●	●	●	●	●
	9000	2.5	—	●	●	●	●	●	●	●
	12000	3.5	—	●	●	●	●	●	●	●
	14000	4.0	—	—	●	●	●	●	●	●
	18000	5.0	—	—	—	●	●	●	●	●
 ABYG14/18LV	14000	4.0	—	—	●	●	●	●	●	●
	18000	5.0	—	—	—	●	●	●	●	●
 ARYG07/09/12/14/18LSLAP	7000	2.0	—	●	●	●	●	●	●	—
	9000	2.5	—	●	●	●	●	●	●	—
	12000	3.5	—	●	●	●	●	●	●	—
	14000	4.0	—	—	●	●	●	●	●	—
	18000	5.0	—	—	—	●	●	●	●	—
 ARYG07/09/12/14/18LL	7000	2.0	—	●	●	●	●	●	●	●
	9000	2.5	—	●	●	●	●	●	●	●
	12000	3.5	—	●	●	●	●	●	●	●
	14000	4.0	—	—	●	●	●	●	●	●
	18000	5.0	—	—	—	●	●	●	●	●

SIMULTANEOUS MULTI Outdoor Unit	Type		4HP		5HP		6HP		8HP	10HP
	Model name		AOYG36LBTB	AOYG36LATT	AOYG45LBTB	AOYG45LATT	AOYG54LBTB	AOYG54LATT	AOYG72LRLA	AOYG90LRLA
										
	Capacity (kW)	Cooling Heating	10.0 11.2		12.1 14.0	12.5 14.0	13.3 15.0	14.0 16.0	10.0 12.0	12.5 13.5

Indoor Unit	BTU	kW Class	Twin				Triple	Twin	Triple	Double Twin	Twin	Triple	Double Twin
 AUYG18/22/24LV	18000	5.0	● ×2	—	—	—	● ×3	—	—	● ×4	—	—	—
	22000	6.5	—	● ×2	—	—	—	—	—	—	—	—	● ×4
	24000	7.0	—	—	● ×2	—	—	—	● ×3	—	—	—	—
 AUYG30/36/45LR	30000	8.8	—	—	—	—	—	—	—	—	—	● ×3	—
	36000	10.6	—	—	—	—	● ×2	—	—	—	—	—	—
	45000	12.5	—	—	—	—	—	—	—	—	● ×2	—	—
  ARYG18LL ARYG22/24/30/36/45LM	18000	5.0	● ×2	—	—	—	● ×3	—	—	● ×4	—	—	—
	22000	6.5	—	● ×2	—	—	—	—	—	—	—	—	● ×4
	24000	7.0	—	—	● ×2	—	—	—	● ×3	—	—	—	—
	30000	8.8	—	—	—	—	—	—	—	—	—	● ×3	—
	36000	10.6	—	—	—	—	—	● ×2	—	—	—	—	—
 ABYG18/22/24LV	18000	5.0	● ×2	—	—	—	● ×3	—	—	● ×4	—	—	—
	22000	6.5	—	● ×2	—	—	—	—	—	—	—	—	● ×4
	24000	7.0	—	—	● ×2	—	—	—	● ×3	—	—	—	—
 ABYG30/36/45LR	30000	8.8	—	—	—	—	—	—	—	—	—	● ×3	—
	36000	10.6	—	—	—	—	—	● ×2	—	—	—	—	—
	45000	12.5	—	—	—	—	—	—	—	—	● ×2	—	—
Separation tube			UTP-SX236A ×1		UTP-SX254A ×1		UTP-SX254 ×1	UTP-SX354A ×1	UTP-SX272A ×1	UTP-SX372A ×1	UTP-SX272A ×1, UTP-SX236A ×2	UTP-SX272A ×1	UTP-SX372A ×1, UTP-SX254A ×2

Feature Summary

Type	Wall Mounted										Cassette			Duct						Floor	Floor/Ceiling	Ceiling
Series	Flagship Range	Designer Range	Standard Range	ECO Range	Designer Range		Standard Range			ECO Range	Compact 4-way Flow	Circular Flow	4-way Flow	Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure		High Static Pressure	Big			
Model No.																						
	ASYG 09/12 KXCA	ASYG 07/09/12/14 KGTA	ASYG 07/09/12/14 KMTA	ASYG 18/24 KLCA	ASYG 09/12 LTCA	ASYG 07/09/12/14 LUCA	ASYG 07/09/12/14 LMCE	ASYG 18/30 LFCA, ASYG24 LFCC	ASYG 30/36 LMTA	ASYG 07/09/12 LLCE	AUYG 07/09/12/14/18 LVLB, AUYG 22/24LVLA	AUXG 18/24/30/36/45/54 LRLB	AUYG 30/36LRLE, AUYG 36/45/54 LRLA	ARYG 07/09/12/14/18 LSLAP	ARYG 07/09/12/14/18 LLTB	ARYG 12/14/18/24/30/36/45/54 LHTBP	ARYG 22/24/36/45LMLA, ARYG 30/36LMLE	ARYG 45/54/60 LHTA	ARYG 72/90 LHTA	AGYG 09/12/14 LVCA	ABYG 14/18LVTB, ABYG 22/24LVTA	ABYG 30/36 LRTE, ABYG 36/45/54 LRTA
																						
Energy Saving Function	Dual side fans	●																				
	Save human sensor	●	●		●				●													
	Save & Stop human sensor											○										
	Economy mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Room temperature set point limitation		○	○	○	○	○	○	○		○	●	○	●	○	●	○	○	●	○	○	○
Comfortable Function	Set temperature auto return		○	○	○	○	○	○	○		○	●	○	●	○	●	○	○	●	○	○	○
	Powerful heating				●																	
	Power diffuser	●					●	●														
	Server room operation								●													
	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											●	●			●						
	Individual airflow direction control											●										
Convenient Function	Auto off timer		○	○	○	○	○	○	○		○	●	○	●	○	●	○	○	●	○	○	○
	Sleep timer	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	●	●	●
	Program timer	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	●	●	●
	Weekly timer		●	○		●	●		●			●		●		●			●			
	Weekly + setback timer		○	○		○	○	○	○		○		●		●		●	●		○	○	○
	Filter sign		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	External error output		○	○		○	○	○	○			○		○		○			○			
	External ON/OFF input		○	○		○	○	○	○		○	●	○	●	○	●	○	○	●	○	○	○
Clean Function	Wireless LAN control	●	○	○		○	○	○	○		○	○	○	○	○	○	○	○	○	○	○	○
	Plasma air clean	●																				
	Filter auto clean	●																				
	Ion deodorization filter		○	○		●	●	●	●	●										●		
	Apple-catechin filter		○	○		●	●	●	●	●										●		
	Long life filter															○	○	○	○	●		
Installation	Washable panel			●			●	●		●								○	○			
	Automatic airflow adjustment															●			●			
	Drain pump as standard										●	●	●	●	●	●	○		○			○
	Blue fin							(30)	●			(30/36/45/54)	(45/54)			(30/36/45/54)	(45)	●	●			(45)

○: Optional function