

FUJITSU

Hi-Spec Design Model



# Chill Out With The Perfect Partner!

Full flat panel matches to various interiors and energy saving operation is realised by our advanced technology.





Hi-Spec Design Model

## Multiple Award-Winning Design

The Fujitsu LU Series ultra-slim type air conditioner won the “**iF Product Design Award 2012**” and “**Good Design Award 2011**” for its outstanding design and innovation.

The “iF Design Award” is an internationally recognised design award held under the auspices of iF International Forum Design GmbH based in Hannover, Germany. Excellent designs of industrial products across the world are selected in 4 categories of “Product”, “Communication”, “Material” and “Packaging”. This year there were 4,322 entries from 48 countries.

The “Good Design Award 2011” was held and publicly released under the auspices of Japan Institute of Design Promotion. The award is selected after comprehensive scrutiny that includes evaluation of ease of use, development concept, adoption of new functions and technology based on the viewpoint of users, in addition to assessment of superior quality of design.

The double awards win is another feather in the cap for Fujitsu and puts the LU Series air conditioners in a class of its own, like none other!







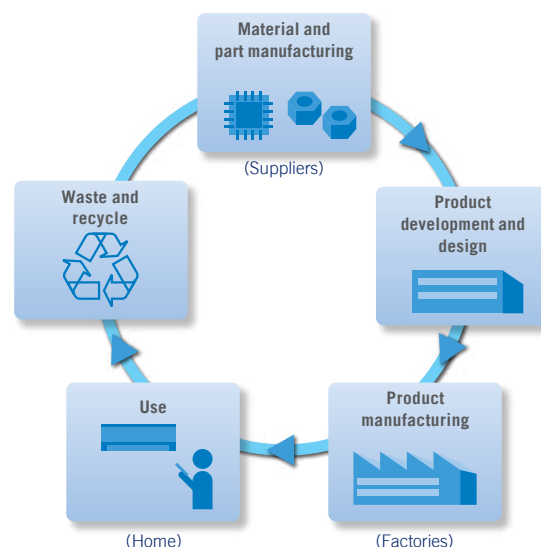


## Creation of Comfort

Fujitsu General creates high-quality and environmentally-friendly products that provide good comfort in accordance with our basic policy to “create a comfortable environment” by utilising the air conditioning technology and creativity which we have developed for more than 35 years.

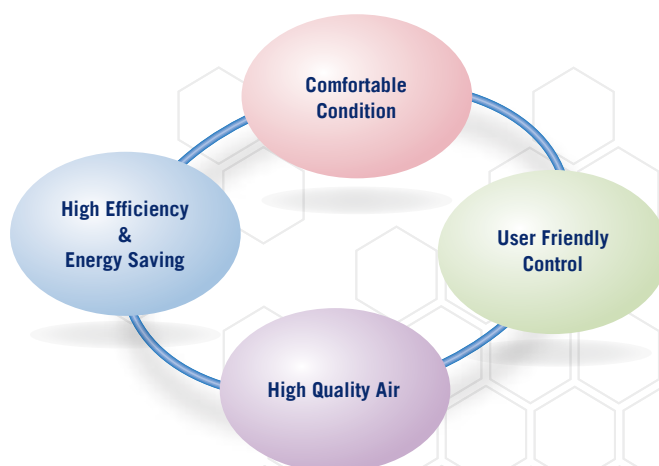
### Harmony between Global Environmental Protection and Company Activities

The Fujitsu General Group strives for business activities that achieve harmony between contributing to protecting the global environment and company activities while making environmental protection activities an important issue in company management. The Fujitsu General Group is working to improve its environmental friendliness by building an environmental management system (EMS); taking environmental protection measures throughout the product lifecycle of materials procurement, product development and design, manufacturing, and recycling; and by taking the environment into consideration during business activities such as by saving energy and resources and reducing waste.



### Creating Top-class Products with Core Technology

Fujitsu General air conditioners bring quality air to people and provide true comfort, energy saving, and clean environment through our core technology.



# Product Summary

## Inverter Multi Split Type

### 2 Rooms Multi AOAG14LAC2

Capacity: 4.7 kW (Max)



Connectable indoor units are only wall mounted type.

### 2 Rooms Multi AOAG18LAC2

Capacity: 5.8 kW (Max)



### 3 Rooms Multi AOAG24LAT3

Capacity: 8.5 kW (Max)



### 4 Rooms Multi AOAG30LAT4

Capacity: 10.1 kW (Max)



## Connectable Indoor Units



Wall Mount  
ASYG07LU /  
ASYG09LU / ASYG12LU



Wall Mount  
ASAG07LJ /  
ASAG09LJ / ASAG12LJ



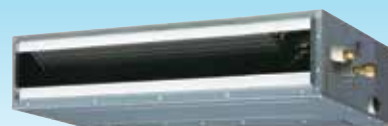
Wall Mount  
ASAG18LF / ASAG24LF



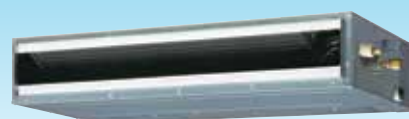
Compact Cassette  
AUAG09LV / AUAG12LV /  
AUAG14LV / AUAG18LV



Slim Duct  
ARAG09LL /  
ARAG12LL / ARAG14LL



Slim Duct  
ARAG18LL



Slim Duct  
ARAG24LL

## Inverter Single Split Type

**AOYG09LU**  
Capacity:  
3.2 kW (Max)



**AOYG12LU**  
Capacity:  
4.0 kW (Max)



**AOYG14LU**  
Capacity:  
5.0 kW (Max)



**AOAR09JG**  
Capacity:  
3.2 kW (Max)



**AOAR12JG**  
Capacity:  
4.0 kW (Max)



**AOAG18JF**  
Capacity:  
6.0 kW (Max)



**AOAG24JF**  
Capacity:  
8.0 kW (Max)



**AOAG30JF**  
Capacity:  
9.0 kW (Max)



## Connectable Indoor Units

Wall Mount - ASYG09LU



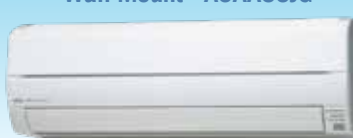
Wall Mount - ASYG12LU



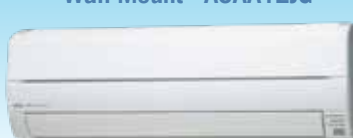
Wall Mount - ASYG14LU



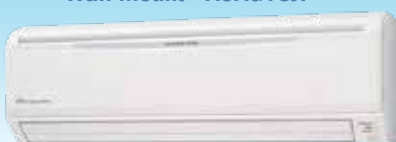
Wall Mount - ASAA09JG



Wall Mount - ASAA12JG



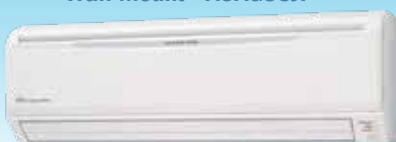
Wall Mount - ASAG18JF



Wall Mount - ASAG24JF



Wall Mount - ASAG30JF



# Energy Saving

## Top Class Energy Saving

Every single part of an air conditioner system plays an important role to ensure Top Class Energy Saving and comfort. By ALL DC inverter control, electricity loss is decreased and power consumption is substantially reduced by up to 60%.

## High Precision DC Inverter Control

### I-PAM (IPM\*+PAM)

Inverter control



**I-PAM** inverter control is a technology that 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.

Conventional inverter control

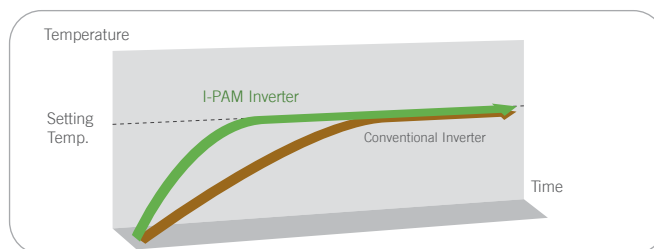


I-PAM inverter control



IPM\*: Intelligent Power Module

In addition, voltage is raised at the start of the operation and fast comfort is attained by more powerful operation.



This technology enables miniaturisation and high performance of the compressor.

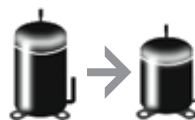
### V-PAM (Vector+I-PAM)

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 miniaturisation, higher efficiency, and better performance are attained.

More compact than conventional models

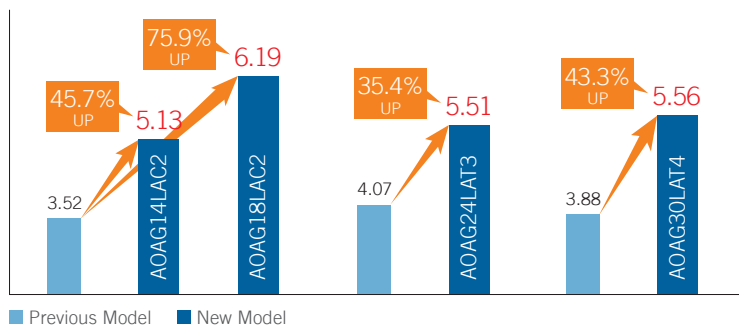


Vector I-PAM



It becomes more powerful with the newly developed high efficiency compressor motor control.

## Top Class Part Load COP



With high precision DC Inverter Control, Fujitsu Air Conditioners are able to achieve top class **Part Load COP**, which greatly increases efficiency and reduces electricity consumption tremendously.



### DC Twin Rotary Compressor

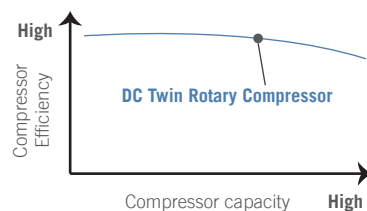
The high efficiency DC inverter type “2-cylinder rotary compressor” is used for large capacity of split system.

It achieves higher energy efficiency compared to equal class of compressors by optimising the structure inside the compressor.



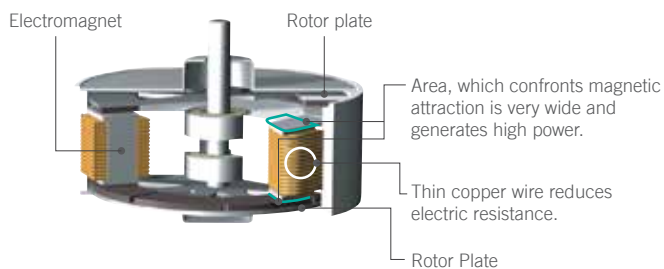
#### DC Twin Rotary Compressor

Efficiency in all load regions is good. Especially good performance from low to medium at normal operation.



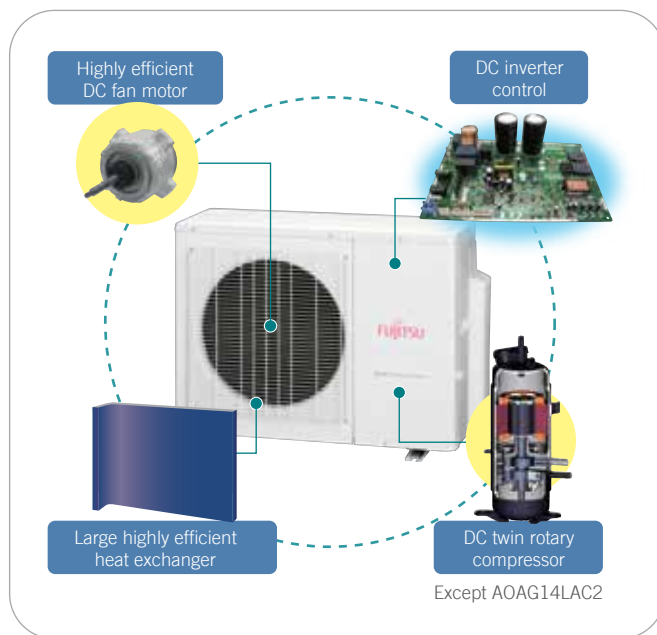
### Axial Gap Fan Motor

Compact size with 1.5 times more power output. Self-driven method increases rotating efficiency by 10%. The electromagnetic field simulation technology enables low vibration and low noise.



### DC Fan Motor

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



# High Performance

## State of the Art Energy Efficient Design

The intelligent choice in comfort

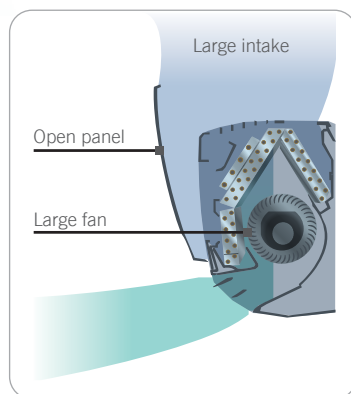
## Additional 20% Reduction in Energy Consumption

Energy Saving performance is enhanced by additional 20% compared to previous inverter models, by redesigning the structure and design of the LU Series Indoor unit.

### Large Air Intake

Large open panel air intake during operation maximises air volume exchange between the room and the indoor unit to achieve ultra fast cooling.

Together with a high efficiency DC cross blower fan design, it ensures maximum airflow rate, without compromising on energy efficiency.



### High Efficiency Heat Exchanger

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

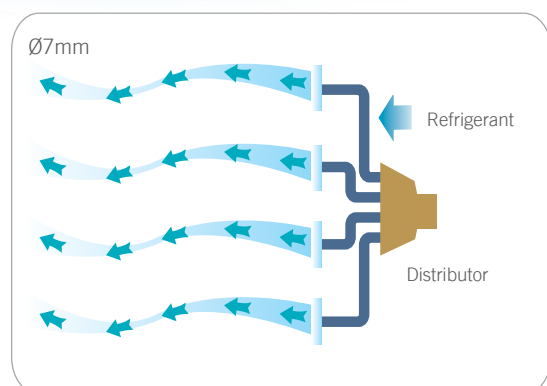
High performance grooved piping with expanded heat exchanger area is used.

### High-density Multi-path Heat Exchanger

By using a thinner heat transfer tube, from 7mm to 5mm, a high density heat transfer tube arrangement is achieved. Together with Multi-path Refrigerant Distributor, the effectiveness of the heat exchanger is greatly improved. More refrigerant flowing through the heat exchanger at any one time with this new design increases the speed of cooling tremendously. Faster cooling speed and lower energy cost is realised.

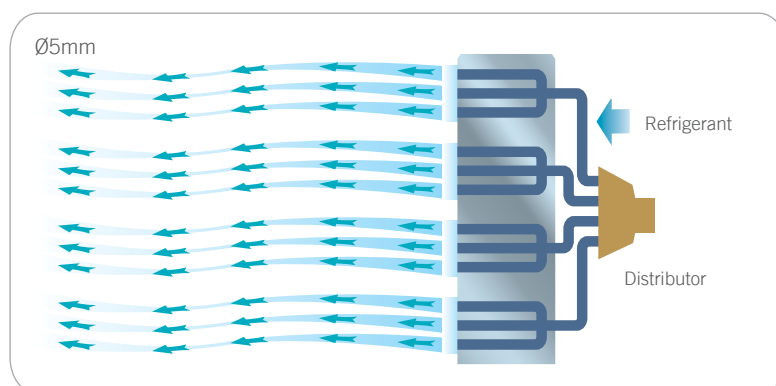


## Refrigerant Flow



Previous Model

Low Refrigerant Flow Rate



New Model

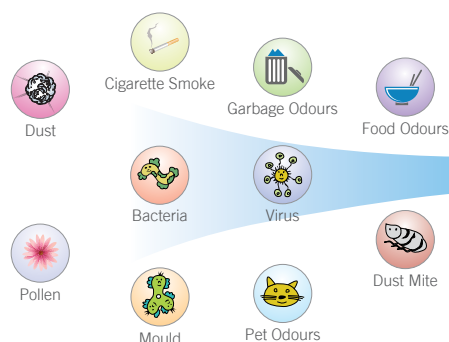
High Refrigerant Flow Rate

Remark: Higher Refrigerant Flow Rate = Faster and more efficient cooling = Smaller electricity bill size



# Clean, Safe, and Quiet

## Clean & Fresh Air



## Negative Air Ions Long-Life Deodorising Filter



**Long-life\*  
Ion Deodorisation Filter**

The filter deodorises by powerfully decomposing absorbed odours using the oxidising and reducing effects of ions generated by the ultra-fine particle ceramic.

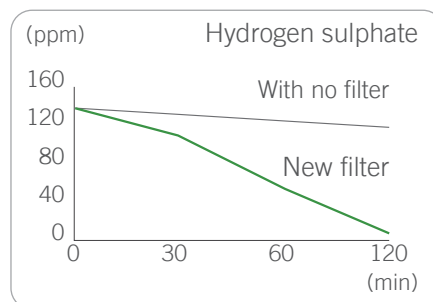
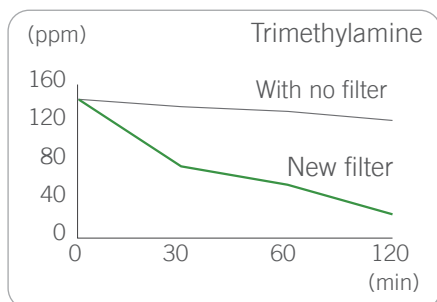
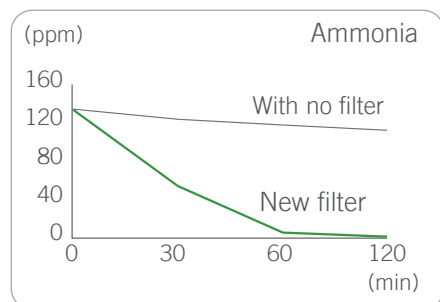
\*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.



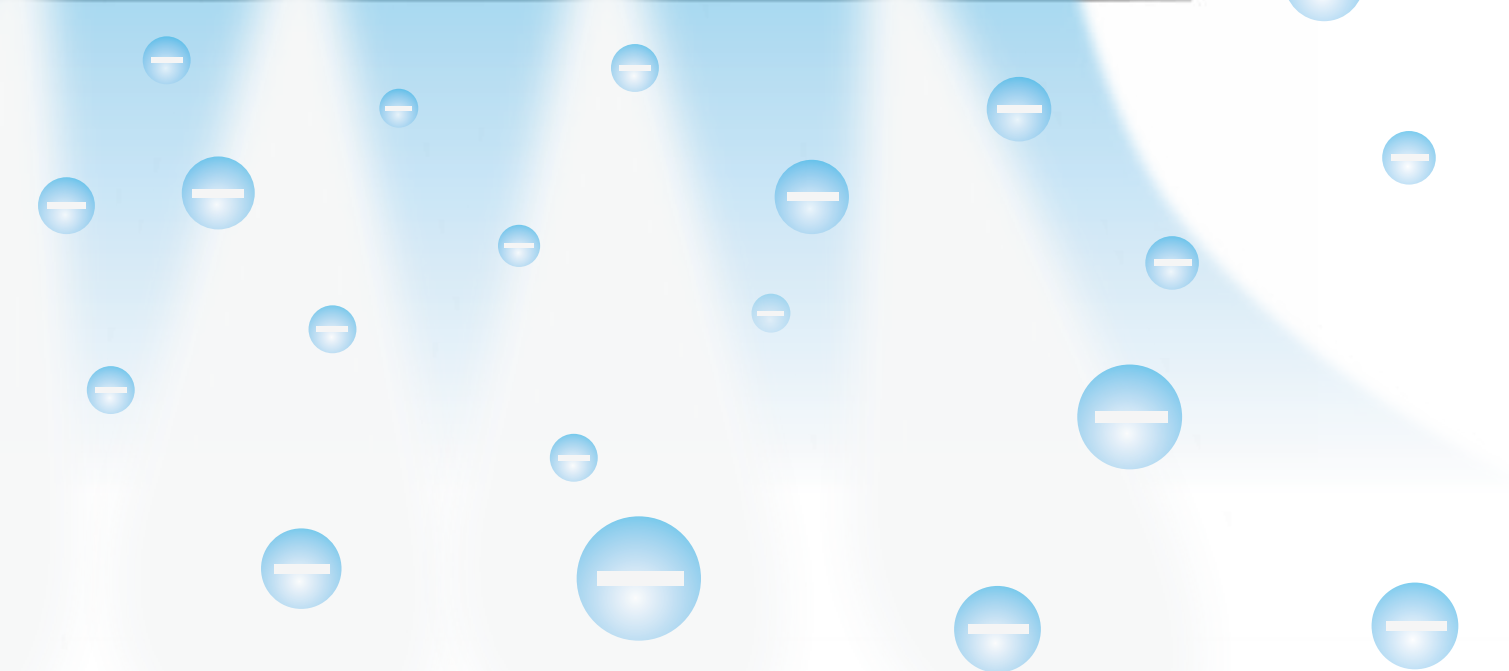
**Apple Catechin Filter**

Fine dust, invisible mould spores, and harmful micro-organisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol ingredient extracted from apples. Apple catechin offers many benefits with its deodorising, anti-bacterial and anti-viral properties. The Air Filter has been treated to resist mild dew growth, thus allowing cleaner use and easier care.

## Deodorising Effect (Odour Reduction Rate)



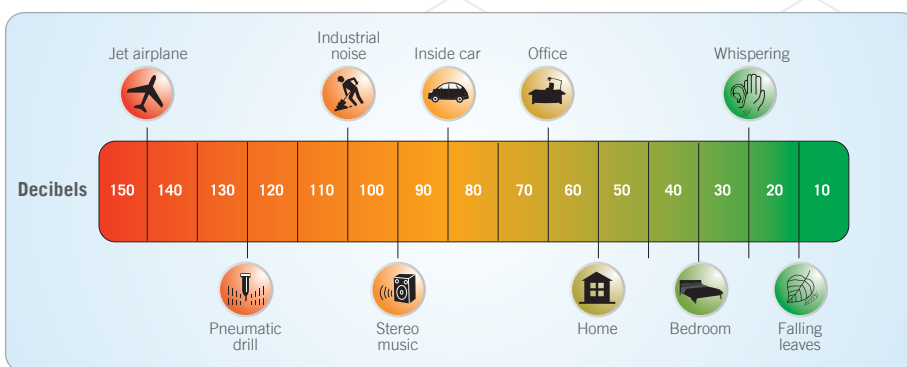
Testing organisation: Environmental Sanitary Inspection Center Test method: Deodorisation Test



Specially designed **safety blower fan guard** to prevent foreign objects from entering the cross blower fan without compromising on the airflow of the air conditioner.



**Super quiet operation of 21dB(A)** can be achieved by selecting quiet mode from remote control.



# More Comfort and Friendly for Use

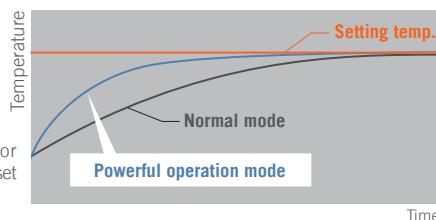
An air-con's job is not just to cool, it is to effectively regulate the temperature to ensure your comfort. That is why the Fujitsu LU series, through its smart technology and purpose-designed features, keeps the room temperature comfortable without hassling you. All you need to do is pick up the remote and select any of the user-friendly modes of your choice, and the air-con will do the rest for you!

## Powerful Operation Mode

Powerful operation is boosted with maximum full power and strong airflow. Rapid cooling and heating makes the room comfortable quickly when people come back home.

### Caution

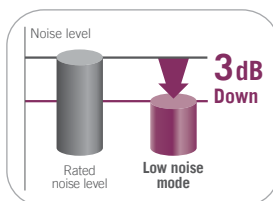
Powerful mode operates for 6 minutes or more, and stops automatically upon reaching set temperature or after 20 minutes pass.



## Low Noise Mode for Outdoor Unit

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

\*Not applicable to multi series.







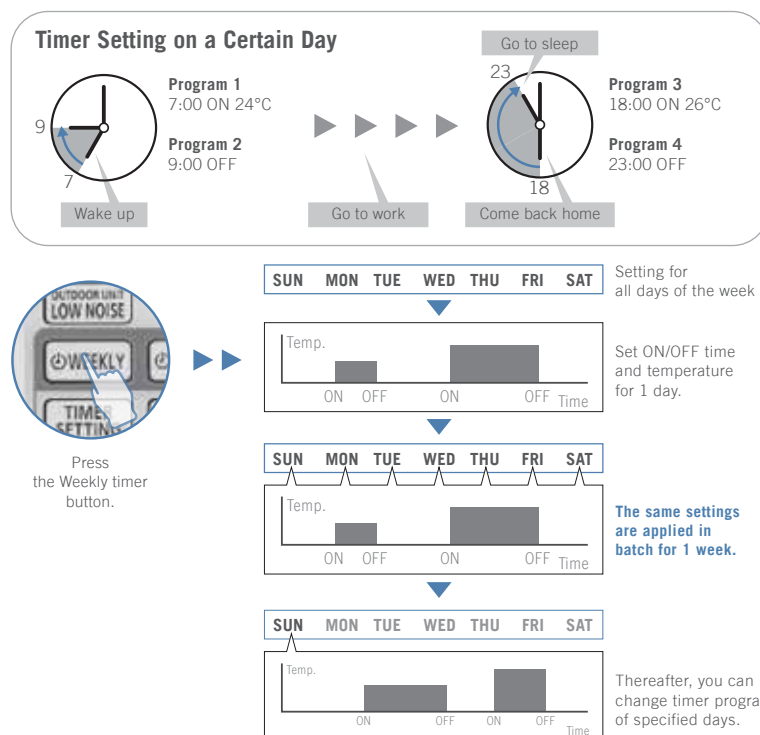
## Slim & Smart Design Remote Control

This thinnest ever remote control has an easy-to-view large LCD and a one-touch selection button in simple and easy-to-use layout to achieve a great operation feel for frequently used functions. Ease of use and design are improved.

## 3-mode Timer

Weekly timer can be easily set by wireless remote control. 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.

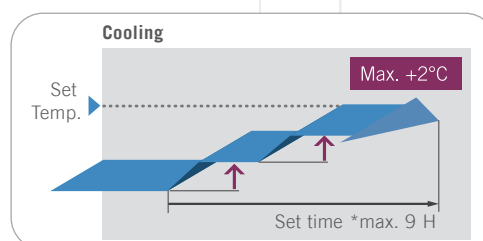
**Easier weekly timer setting:** Batch setting for all days of the week is possible and then specified day setting can be also changed. Setting the weekly timer is easier than previously setting timer for each day.



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

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

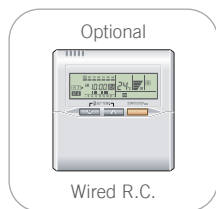
\*Sleep timer setting: 0.5, 1, 2, 3, 5, 7, 9 H



## Compact Wall Mounted Type

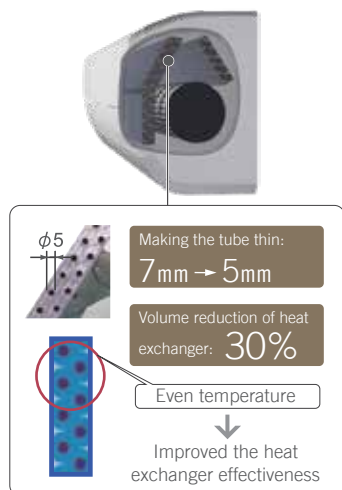


Simple design with energy saving

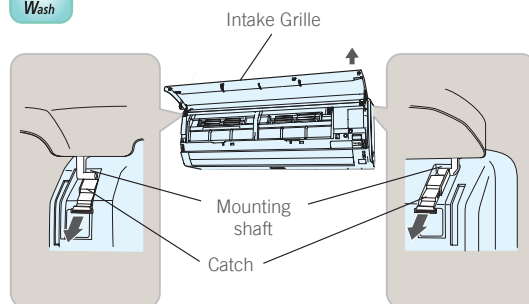


ASAG07LJ  
ASAG09LJ  
ASAG12LJ

## High Density Heat Transfer Tube Arrangement



## Easy Maintenance



Maintenance has never been easier with Fujitsu Air-con. The front intake panel can easily be removed for washing by releasing the catch. There will be no more of accidental breaking of the mounting shaft during cleaning.

## Air Clean Filter



Long-life\* Ion  
Deodorisation Filter

The filter deodorises by powerfully decomposing absorbed odours using the oxidising and reducing effects of ions generated by the ultra-fine particle ceramic.

(\*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty)



Apple Catechin Filter

Fine dust, invisible mould spores, and harmful micro-organisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.

## Optional Parts

Simple Remote Control:	UTY-RSNYM
Wired Remote Control:	UTY-RNNYM
Communication Kit:	UTY-XCBXZ1
External Connect Kit:	UTY-XWZX

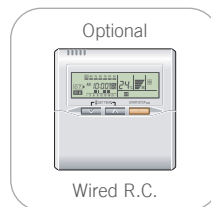


# Wall Mounted Type

Simple & elegant appearance design



Wireless R.C.



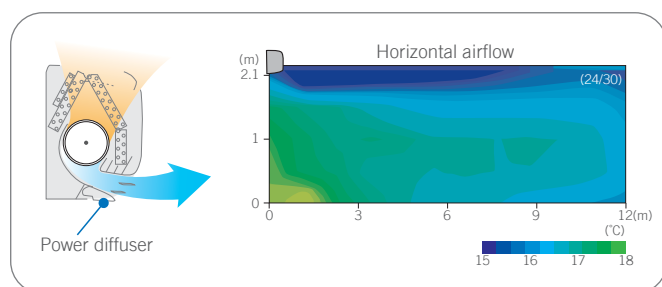
Optional

Wired R.C.

ASAG18LF  
ASAG24LF



## “Horizontal Airflow” Does Not Blow Cool Air Directly at the Occupants in the Room



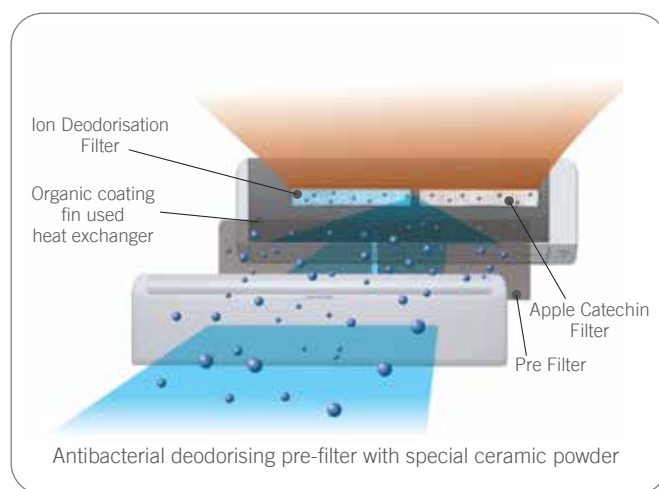
Outside air conditions: 35°C, 40% humidity  
Operation contents: Cooling  
Set temperature (Min. set temp) 18°C, Air flow Hi  
Vertical flap: Upward  
Horizontal flap: Center

With “Horizontal Airflow” design, cold air no longer blows directly at occupants. By evenly distributing the airflow across the room, it brings much-needed comfort for users.

## Easy Maintenance

Simplification of drain pan cleaning improves maintenance-ability.

## Air Conditioner Filter Features

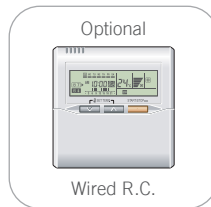


## Optional Parts

Wired Remote Control:	UTY-RNNYM
Simple Remote Control:	UTY-RSNYM
External Connect Kit:	UTY-XWZX

# Compact Cassette

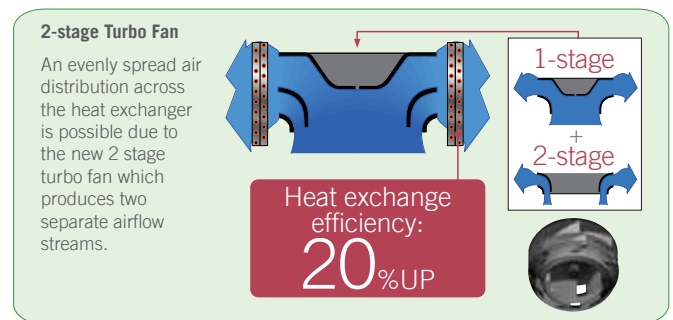
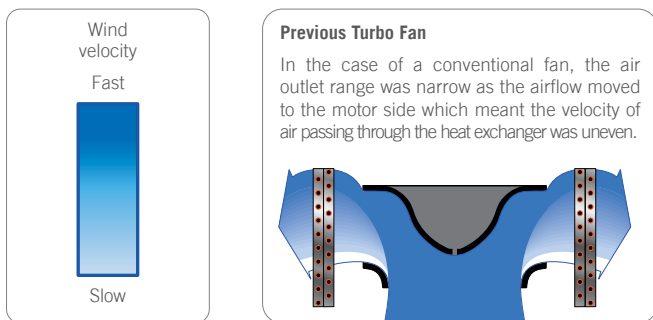
Powerful wide air flow & quiet operation



AUAG09LV  
AUAG12LV  
AUAG14LV  
AUAG18LV

## 2-stage Turbo Fan

High Efficiency Design by 2 Stage Structure



## Easy Maintenance

### ① Maintenance of Fan Motor and Fan

Maintenance of the fan motor and fan can be done easily after taking off the panel as the bell-mouth of the fan can be removed easily.

A : Fan Motor B : 2-stage Turbo Fan  
C : Bell-mouth D : Panel

### ② Long Life Filter

Standard equipment



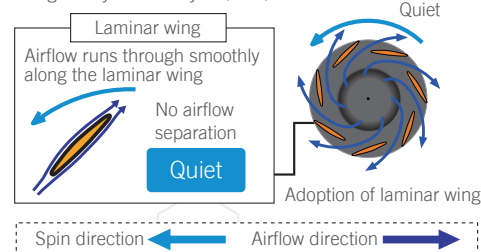
### ③ Adaptation of Transparent Drainage Parts

During installation, maintenance and operation, the drain pump and kit can be checked easily.

## Quiet Quality

Optimisation of wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations



## Optional Parts

Wired Remote Control:	UTY-RNNYM
Simple Remote Control:	UTY-RSNYM
Air Outlet Shutter Plate:	UTR-YDZB
Fresh Air Intake Kit:	UTZ-VXAA
Insulation Kit For High Humidity:	UTZ-KXGC
External Connect Kit:	UTY-XWZX

# Slim Duct

- Slim design with drain pump
- Increase static pressure range
- Dual concealed type



ARAG09LL ARAG12LL ARAG14LL



ARAG18LL



ARAG24LL

ARAG09LL  
ARAG12LL  
ARAG14LL  
ARAG18LL  
ARAG24LL



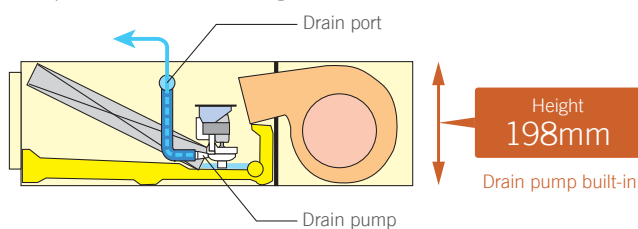
Wired R.C.



IR Receiver Kit

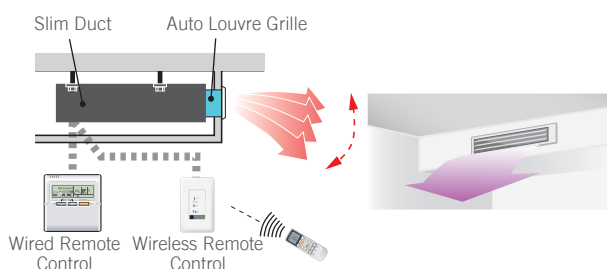
## Slim Design

This model is slim design, it can be installed at a place where the ceiling is narrow.



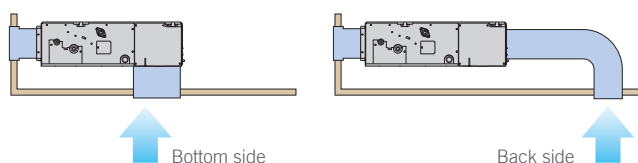
## Auto Louvre Grille Kit (Optional)

Simple flat Auto Louvre will provide comfortable airflow and harmonise with luxury interior.



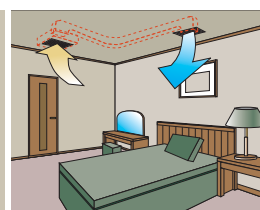
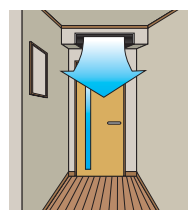
## Air Intake

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

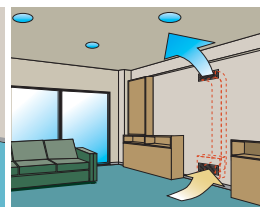
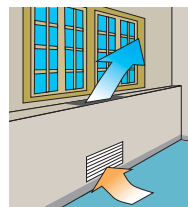


## Flexible Installation

Ceiling concealed



Floor concealed



## Selectable with a Wide Range of Static Pressure

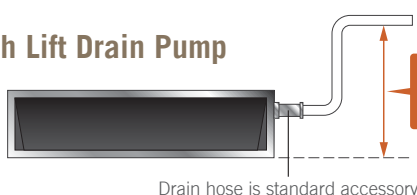
By using DC fan motor, it is possible to change static pressure range from 0 to 90Pa. The change of static pressure range is possible by remote control.



Static pressure range  
0 to 90 Pa

\*24 model is 0 to 50Pa

## High Lift Drain Pump



Drain hose is standard accessory

## Optional Parts

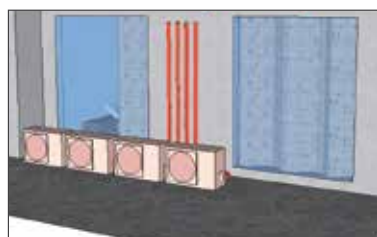
Simple Remote Control:	UTY-RSNYM
IR Receiver Unit:	UTY-LRHYM
Remote Sensor Unit:	UTY-XSZX
External Control Set:	UTD-ECS5A
Auto Louvre Grille Kit	UTD-GXSA-W (for ARAG07/09/12/14LL)
	UTD-GXSB-W (for ARAG18LL)



## Outdoor Unit's Space Saving Design Makes for a Better Looking Exterior

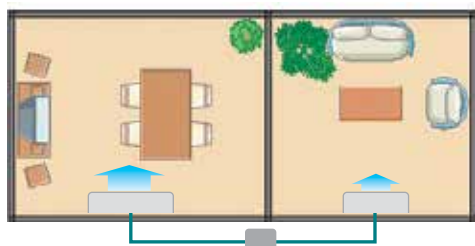
Cooling of 2 to 4 rooms is possible by only 1 outdoor unit that is nearly the same size as a single model. It makes the verandah and yard look spacious and simple.

4 rooms multi air conditioning example



## Comfortable Space That Matches Your Lifestyle

Comfortable space can be provided to match the layout and shape of the room by 1 outdoor unit.



Powerful simultaneous air conditioning even when the rooms are of different sizes.

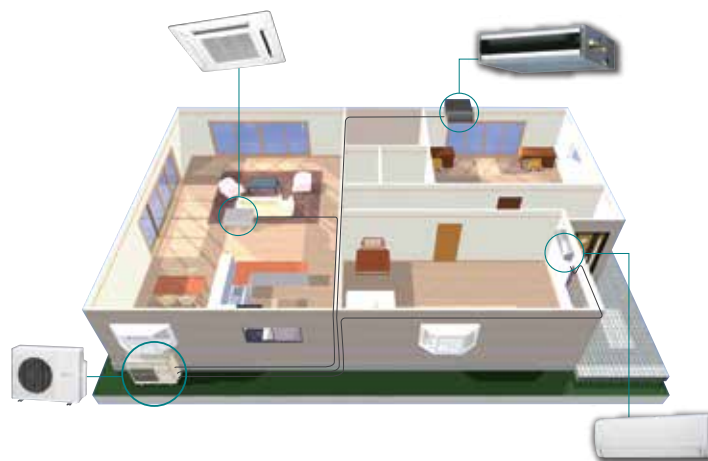


Uneven temperature is not generated due to steady air conditioning even in L-shaped rooms.

## Wide Range of Indoor Units with Various Models

3 types, 17 models are lined up in the capacity range from 2kW to 7kW class.

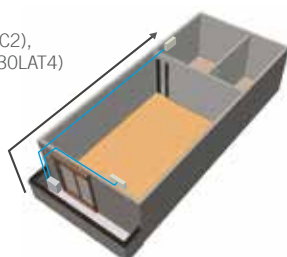
Wide capacity range meets the needs from private rooms of a home or hotel to large stores.



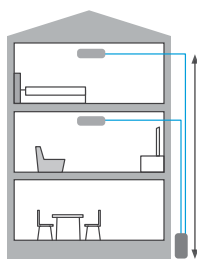
## Excellent Installability

Long piping and large height differences between the indoor and outdoor units provide a highly flexible design and make installation easy. Also, additional refrigerant charging is not required for a long distance.

**Max piping length**  
20m (AOAG14 / 18LAC2),  
25m (AOAG24LAT3 / 30LAT4)

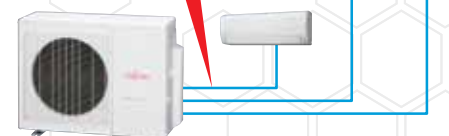


The outdoor unit can be installed in the verandah even for very oblong shaped apartments.



Indoor units can even be installed on the third floor.

**Total piping length**  
4 Rooms: 70m (Pre-charge: 50m)  
3 Rooms: 50m (Pre-charge: 30m)  
2 Rooms: 30m (Pre-charge: 20m)



# Indoor Units

## Specifications

### Wall Mounted Type



Model No.	Indoor Unit			ASAG07LJ	ASAG09LJ	ASAG12LJ	ASYG07LU	ASYG09LU	ASYG12LU
kW Class			kW	Please refer to combination table					
Power Source			V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Air Flow	Cooling	H/M/L/Q	m³/h	560 / 500 / 430 / 310	600 / 520 / 430 / 310	660 / 560 / 450 / 310	570 / 520 / 470 / 330	600 / 550 / 470 / 330	660 / 600 / 530 / 330
Sound Pressure Level			dB(A)	36 / 32 / 29 / 21	37 / 33 / 29 / 21	40 / 36 / 30 / 21	35 / 30 / 28 / 21	36 / 32 / 28 / 21	37 / 34 / 31 / 21
Net Dimension H x W x D			mm	280 x 790 x 203	280 x 790 x 203	280 x 790 x 203	282 x 870 x 185	282 x 870 x 185	
Weight			kg	8	8	8	9.5	9.5	9.5
Piping Connections		Liquid Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
		Gas Ø	(in)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Remote Control				Wireless	Wireless	Wireless	Wireless	Wireless	Wireless

### Wall Mounted Type



Model No.	Indoor Unit		ASAG18LF		ASAG24LF	
kW Class			kW	Please refer to combination table		
Power Source			V/Ø/Hz	230 / 1 / 50		230 / 1 / 50
Air Flow	Cooling	H/M/L/Q	m³/h	900 / 740 / 620 / 550		1120 / 900 / 740 / 620
Sound Pressure Level			dB(A)	43 / 37 / 33 / 26		49 / 42 / 37 / 33
Net Dimension H x W x D			mm	320 x 998 x 238		320 x 998 x 238
Weight			kg	14		14
Piping Connections		Liquid Ø	mm	Ø6.35 (1/4)		Ø6.35 (1/4)
		Gas Ø	(in)	Ø12.7 (1/2)		Ø15.88 (5/8)
Remote Control				Wireless		Wireless

### Compact Cassette Type



Model No.	Indoor Unit		AUAG09LV	AUAG12LV	AUAG14LV	AUAG18LV
kW Class			kW			
Power Source		V/Ø/Hz	Please refer to combination table			
Air Flow	Cooling	H/M/L/Q	m³/h	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Sound Pressure Level			dB(A)	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Net Dimension H x W x D	mm		245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570
Weight	kg		15	15	15	15
Panel / Dimension	mm		UTG-UFYD-W / 700 x 700			
Piping Connections	Liquid Ø	mm (in)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Ø		Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
Remote Control			Wireless	Wireless	Wireless	Wireless

### Slim Duct Type

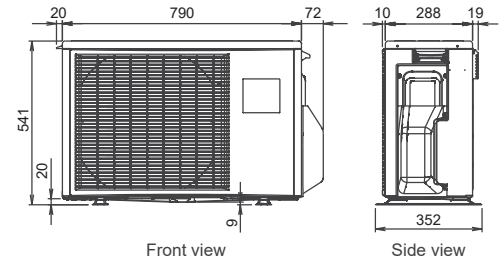
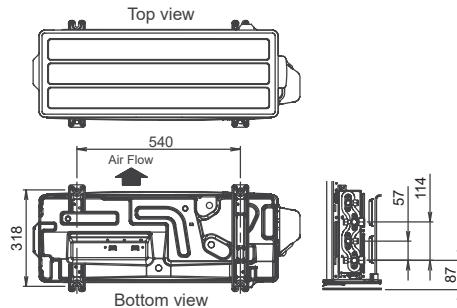


Model No.	Indoor Unit		ARAG09LL	ARAG12LL	ARAG14LL	ARAG18LL	ARAG24LL	
kW Class			Please refer to combination table					
Power Source			V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	
Air Flow	Cooling	H/M/L/Q	m³/h	600 / 550 / 500 / 450	650 / 600 / 550 / 480	800 / 700 / 600 / 480	940 / 880 / 820 / 750	1330 / 1240 / 1100 / 1030
Sound Pressure Level			dB(A)	28 / 27 / 26 / 25	29 / 28 / 27 / 26	32 / 30 / 28 / 26	32 / 31 / 30 / 29	33 / 32 / 30 / 29
Net Dimension H x W x D			mm	198 x 700 x 620	198 x 700 x 620	198 x 700 x 620	198 x 900 x 620	198 x 1100 x 620
Weight			kg	19	19	19	23	27
Piping Connections		Liquid Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
		Gas Ø	(in)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)
Static Pressure Range			Pa	0 to 90				0 to 50
Drain Pump			Built-in					
Remote Control			Wired	Wired	Wired	Wired	Wired	

## Dimensions

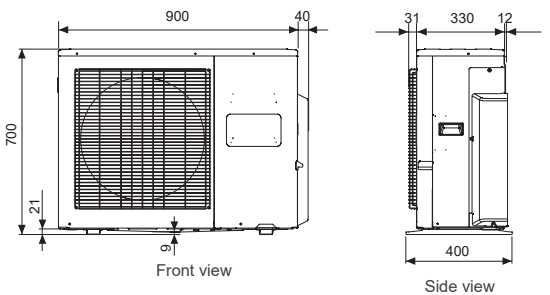
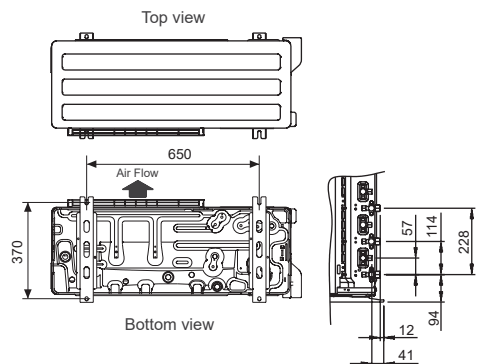
### 2 ROOMS

AOAG14LAC2 / AOAG18LAC2



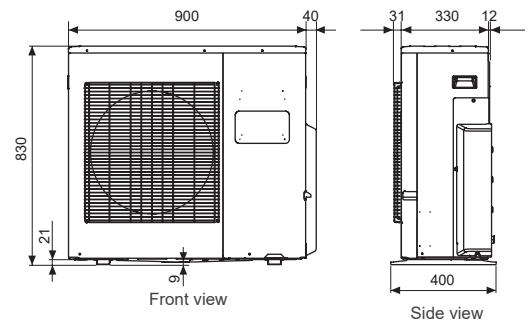
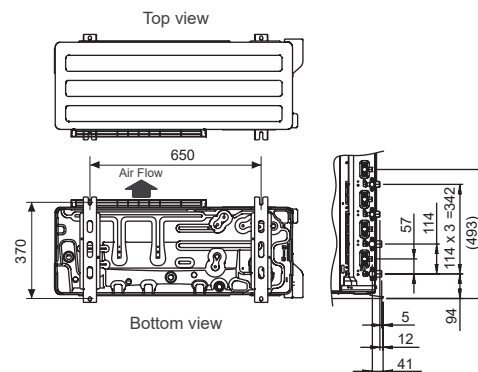
### 3 ROOMS

AOAG24LAT3



### 4 ROOMS

AOAG30LAT4



## Specifications

Model No.	Outdoor Unit		AOAG14LAC2	AOAG18LAC2	AOAG24LAT3	AOAG30LAT4
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Energy Label		Ticks	3	2	2	3
Rated Capacity (Min-Max)	Cooling	kW	4.0 (1.4 ~ 4.7)	5.0 (1.7 ~ 5.8)	6.8 (1.8 ~ 8.5)	8.0 (3.5 ~ 10.1)
Sound Pressure Level		dB(A)	47	51	48	50
Current		A	5.0 / 6.7	6.6 / 8.7	8.5 / 11.4	9.7 / 11.6
Input Power (Rated/Max)		kW	1.06 / 1.40	1.49 / 1.95	1.94 / 2.6	2.22 / 3.56
Net Dimension H x W x D		mm	540 x 790 x 290	540 x 790 x 290	700 x 900 x 330	830 x 900 x 330
Weight		kg	37	38	55	68
Piping Connections	Small (Liquid) Ø	mm	Ø6.35 (1/4) x 2	Ø6.35 (1/4) x 2	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 4
	Large (Gas) Ø	(in)	Ø9.52 (3/8) x 2	Ø9.52 (3/8) x 2	Ø9.52 (3/8) x 2, Ø12.7 (1/2)	Ø9.52 (3/8) x 2, Ø12.7 (1/2) x 2
Max. length			30 / 20	30 / 20	50 / 25	70 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	15	15
	Between Indoor Units.		10	10	10	10
Operation Range	Cooling	°CDB	10 ~ 46	10 ~ 46	10 ~ 46	10 ~ 46
Refrigerant			R410A	R410A	R410A	R410A
COP (Full Load)			4.18	3.65	3.70	3.82
COP (Part Load)			5.13	6.19	5.51	5.56

Note: • Cooling: Indoor temperature of 27°CDB/19°CWB and outdoor temperature of 35°CDB/24°CWB.

# Combination Table

## 2 Rooms Multi

AOAG14LAC2	Indoor Model for each Room			Cooling Capacity for each Indoor Unit				Total cooling capacity (kW)			Total Input (kW)			COP (kW/kW)	Connectable Capacity
				Rated (kW)		Max (kW)									
	Unit 1	Unit 2	Total	Unit 1	Unit 2	Unit 1	Unit 2	Min.	Rated	Max.	Min.	Rated	Max.		
1 Room	7	-	7	2.10	-	2.70	-	1.20	2.10	2.70	0.30	0.59	0.76	3.56	Min BTU 14
	9	-	9	2.50	-	3.20	-	1.20	2.50	3.20	0.30	0.65	1.03	3.85	
	12	-	12	3.50	-	3.70	-	1.20	3.50	3.70	0.30	1.01	1.21	3.47	
2 Room	7	7	14	2.00	2.00	2.20	2.20	1.40	4.00	4.40	0.35	1.06	1.40	3.77	Max BTU 21
	7	9	16	1.95	2.05	2.05	2.35	1.40	4.00	4.40	0.35	1.06	1.40	3.77	
	7	12	19	1.65	2.35	1.90	2.70	1.40	4.00	4.60	0.35	1.02	1.47	3.92	
	9	9	18	2.00	2.00	2.25	2.25	1.40	4.00	4.50	0.35	1.06	1.43	3.77	
	9	12	21	1.70	2.30	2.05	2.65	1.40	4.00	4.70	0.35	1.02	1.47	3.92	

Note: • Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
• Connectable indoor units are only wall mounted type.

AOAG18LAC2	Indoor Model for each Room			Cooling Capacity for each Indoor Unit				Total cooling capacity (kW)			Total Input (kW)			COP (kW/kW)	Connectable Capacity
				Rated (kW)		Max (kW)									
	Unit 1	Unit 2	Total	Unit 1	Unit 2	Unit 1	Unit 2	Min.	Rated	Max.	Min.	Rated	Max.		
1 Room	7	-	7	2.10	-	2.70	-	1.40	2.10	2.70	0.30	0.48	0.72	4.38	Min BTU 14
	9	-	9	2.50	-	3.20	-	1.40	2.50	3.20	0.30	0.64	1.05	3.94	
	12	-	12	3.50	-	3.70	-	1.40	3.50	3.70	0.30	1.02	1.34	3.43	
2 Room	7	7	14	2.10	2.10	2.60	2.60	1.70	4.20	5.20	0.35	1.24	1.68	3.39	Max BTU 24
	7	9	16	2.10	2.50	2.45	2.85	1.70	4.60	5.30	0.35	1.26	1.79	3.65	
	7	12	19	1.90	3.10	2.30	3.30	1.70	5.00	5.60	0.35	1.48	1.95	3.38	
	9	9	18	2.50	2.50	2.80	2.80	1.70	5.00	5.60	0.35	1.49	1.95	3.36	
	9	12	21	2.10	2.90	2.45	3.25	1.70	5.00	5.70	0.35	1.48	1.95	3.38	
	12	12	24	2.50	2.50	2.90	2.90	1.70	5.00	5.80	0.35	1.49	1.99	3.36	

Note: • Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).

## 3 Rooms Multi

AOAG24LAT3	Indoor Model for each Room				Cooling Capacity for each Indoor Unit						Total cooling capacity (kW)			Total Input (kW)			COP (kW/kW)	Connectable Capacity
					Rated (kW)			Max (kW)										
	Unit 1	Unit 2	Unit 3	Total	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Min.	Rated	Max.	Min.	Rated	Max.		
1 Room	7	-	-	7	2.30	-	-	2.70	-	-	1.5	2.3	2.7	0.45	0.65	0.75	3.54	
	9	-	-	9	2.70	-	-	3.30	-	-	1.5	2.7	3.3	0.45	0.80	1.09	3.38	
	12	-	-	12	3.50	-	-	3.70	-	-	1.5	3.5	3.7	0.45	1.09	1.15	3.21	
	14	-	-	14	4.20	-	-	4.80	-	-	1.5	4.2	4.8	0.45	1.16	1.41	3.62	
	18	-	-	18	5.00	-	-	5.60	-	-	1.8	5.0	5.6	0.50	1.50	1.96	3.33	
2 Room	7	7	-	14	2.30	2.30	-	2.50	2.50	-	1.8	4.6	5.0	0.50	1.20	1.40	3.83	
	7	9	-	16	2.30	2.70	-	2.62	3.08	-	1.8	5.0	5.7	0.50	1.36	1.78	3.68	
	7	12	-	19	2.38	3.42	-	2.51	3.59	-	1.8	5.8	6.1	0.50	1.70	1.97	3.41	
	7	14	-	21	2.37	4.13	-	2.63	4.57	-	1.8	6.5	7.2	0.50	1.91	2.46	3.40	
	7	18	-	25	2.08	4.52	-	2.46	5.34	-	1.8	6.6	7.8	0.50	1.91	2.87	3.46	
	9	9	-	18	2.75	2.75	-	3.10	3.10	-	1.8	5.5	6.2	0.50	1.55	2.02	3.55	
	9	12	-	21	2.79	3.41	-	3.06	3.74	-	1.8	6.2	6.8	0.50	1.90	2.45	3.26	
	9	14	-	23	2.66	3.94	-	3.10	4.60	-	1.8	6.6	7.7	0.50	1.91	2.77	3.46	
	9	18	-	27	2.35	4.35	-	2.77	5.13	-	1.8	6.7	7.9	0.50	1.91	2.87	3.51	
	12	12	-	24	3.15	3.15	-	3.60	3.60	-	1.8	6.3	7.2	0.50	1.90	2.74	3.32	
	12	14	-	26	3.03	3.67	-	3.53	4.27	-	1.8	6.7	7.8	0.50	1.91	2.87	3.51	
12	18	-	30	2.66	4.04	-	3.14	4.76	-	1.8	6.7	7.9	0.50	1.92	2.87	3.49		
3 Room	7	7	7	21	2.27	2.27	2.27	2.47	2.47	2.47	1.8	6.8	7.4	0.50	1.92	2.37	3.54	Min BTU 14
	7	7	9	23	2.14	2.14	2.52	2.46	2.46	2.88	1.8	6.8	7.8	0.50	1.93	2.60	3.52	
	7	7	12	26	1.98	1.98	2.84	2.36	2.36	3.38	1.8	6.8	8.1	0.50	1.93	2.87	3.52	
	7	7	14	28	1.82	1.82	3.16	2.25	2.25	3.91	2.0	6.8	8.4	0.60	1.94	2.87	3.51	
	7	7	18	32	1.63	1.63	3.54	2.04	2.04	4.43	2.0	6.8	8.5	0.60	1.94	2.87	3.51	
	Max BTU 36	7	9	9	25	2.03	2.38	2.38	2.45	2.88	2.88	1.8	6.8	8.2	0.50	1.93	2.87	3.52
		7	9	12	28	1.88	2.21	2.70	2.27	2.67	3.26	1.8	6.8	8.2	0.50	1.93	2.87	3.52
		7	9	14	30	1.74	2.04	3.02	2.15	2.52	3.73	2.0	6.8	8.4	0.60	1.94	2.87	3.51
		7	9	18	34	1.56	1.84	3.40	1.96	2.30	4.25	2.0	6.8	8.5	0.60	1.94	2.87	3.51
		7	12	12	31	1.76	2.52	2.52	2.12	3.04	3.04	1.8	6.8	8.2	0.50	1.94	2.87	3.51
		7	12	14	33	1.63	2.34	2.83	2.04	2.92	3.54	2.0	6.8	8.5	0.60	1.94	2.87	3.51
		9	9	9	27	2.27	2.27	2.27	2.73	2.73	2.73	1.8	6.8	8.2	0.50	1.94	2.87	3.51
		9	9	12	30	2.11	2.11	2.58	2.58	2.58	3.15	1.8	6.8	8.3	0.50	1.94	2.87	3.51
		9	9	14	32	1.95	1.95	2.89	2.44	2.44	3.62	2.0	6.8	8.5	0.60	1.94	2.87	3.51
		9	9	18	36	1.77	1.77	3.27	2.21	2.21	4.09	2.0	6.8	8.5	0.60	1.94	2.87	3.51
		9	12	12	33	1.97	2.41	2.41	2.41	2.95	2.95	1.8	6.8	8.3	0.50	1.94	2.87	3.51
		9	12	14	35	1.84	2.24	2.72	2.30	2.81	3.40	2.0	6.8	8.5	0.60	1.94	2.87	3.51
		12	12	12	36	2.27	2.27	2.27	2.77	2.77	2.77	1.8	6.8	8.3	0.50	1.94	2.87	3.51

Note: • Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).

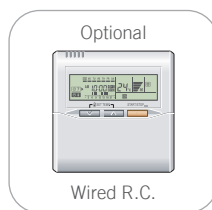


## 4 Rooms Multi

AOAG30LAT4	Indoor Model for each Room					Cooling Capacity for each Indoor Unit								Total cooling capacity (kW)			Total Input (kW)			COP (kW/kW)	Connectable Capacity
						Rated (kW)				Max (kW)											
	Unit 1	Unit 2	Unit 3	Unit 4	Total	Unit 1	Unit 2	Unit 3	Unit 4	Unit 1	Unit 2	Unit 3	Unit 4	Min.	Rated	Max.	Min.	Rated	Max.		
1 Room	7	-	-	-	7	2.30	-	-	-	2.70	-	-	-	1.6	2.3	2.7	0.56	0.78	0.99	2.95	Min BTU 27  Max BTU 49
	9	-	-	-	9	2.70	-	-	-	3.40	-	-	-	1.6	2.7	3.4	0.56	0.94	1.25	2.87	
	12	-	-	-	12	3.50	-	-	-	3.80	-	-	-	1.6	3.5	3.8	0.56	1.24	1.40	2.82	
	14	-	-	-	14	4.00	-	-	-	4.50	-	-	-	1.7	4.0	4.5	0.57	1.40	1.68	2.86	
	18	-	-	-	18	5.20	-	-	-	6.00	-	-	-	1.7	5.2	6.0	0.56	1.68	2.20	3.10	
	24	-	-	-	24	6.80	-	-	-	7.40	-	-	-	1.8	6.8	7.4	0.56	2.40	2.86	2.83	
2 Room	7	7	-	-	14	2.30	2.30	-	-	2.60	2.60	-	-	1.8	4.6	5.2	0.60	1.42	1.62	3.24	
	7	9	-	-	16	2.30	2.70	-	-	2.60	3.40	-	-	1.8	5.0	6.0	0.60	1.60	2.16	3.13	
	7	12	-	-	19	2.30	3.50	-	-	2.50	3.70	-	-	1.8	5.8	6.2	0.60	2.00	2.20	2.90	
	7	14	-	-	21	2.30	4.00	-	-	2.60	4.50	-	-	1.8	6.3	7.1	0.60	2.15	2.50	2.93	
	7	18	-	-	25	2.10	4.80	-	-	2.50	5.70	-	-	2.8	6.9	8.2	0.90	2.10	2.85	3.29	
	7	24	-	-	31	1.80	5.40	-	-	2.30	7.00	-	-	2.8	7.2	9.3	0.90	2.16	3.58	3.33	
	9	9	-	-	18	2.70	2.70	-	-	3.20	3.20	-	-	1.8	5.4	6.4	0.60	1.68	2.23	3.21	
	9	12	-	-	21	2.70	3.50	-	-	3.00	3.80	-	-	2.8	6.2	6.8	0.90	2.16	2.50	2.87	
	9	14	-	-	23	2.70	4.00	-	-	3.10	4.70	-	-	2.8	6.7	7.8	0.90	2.35	2.90	2.85	
	9	18	-	-	27	2.40	4.60	-	-	3.00	5.70	-	-	2.8	7.0	8.7	0.90	2.15	3.25	3.26	
	9	24	-	-	33	2.07	5.23	-	-	2.70	6.80	-	-	2.8	7.3	9.5	0.90	2.15	3.52	3.40	
	12	12	-	-	24	3.35	3.35	-	-	3.65	3.65	-	-	2.8	6.7	7.3	0.90	2.36	2.80	2.84	
	12	14	-	-	26	3.22	3.68	-	-	4.00	4.50	-	-	2.8	6.9	8.5	0.90	2.18	3.30	3.17	
	12	18	-	-	30	2.82	4.18	-	-	3.66	5.44	-	-	2.8	7.0	9.1	0.90	2.15	3.52	3.26	
	12	24	-	-	36	2.48	4.82	-	-	3.23	6.27	-	-	2.8	7.3	9.5	0.90	2.15	3.52	3.40	
	14	14	-	-	28	3.55	3.55	-	-	4.50	4.50	-	-	2.8	7.1	9.0	0.90	2.20	3.40	3.23	
	14	18	-	-	32	3.13	4.07	-	-	4.04	5.26	-	-	2.8	7.2	9.3	0.90	2.20	3.52	3.27	
	14	24	-	-	38	2.74	4.66	-	-	3.59	6.11	-	-	3.4	7.4	9.7	1.10	2.20	3.52	3.36	
18	18	-	-	36	3.70	3.70	-	-	4.85	4.85	-	-	3.4	7.4	9.7	1.10	2.20	3.52	3.36		
18	24	-	-	42	3.25	4.25	-	-	4.29	5.61	-	-	3.4	7.5	9.9	1.10	2.20	3.52	3.41		
3 Room	7	7	7	-	21	2.30	2.30	2.30	-	2.50	2.50	2.50	-	1.8	6.9	7.5	0.60	2.20	2.44	3.14	
	7	7	9	-	23	2.30	2.30	2.70	-	2.43	2.43	2.85	-	2.8	7.3	7.7	0.90	2.35	2.55	3.11	
	7	7	12	-	26	1.99	1.99	3.02	-	2.33	2.33	3.54	-	2.8	7.0	8.2	0.90	2.17	2.90	3.23	
	7	7	14	-	28	1.96	1.96	3.27	-	2.43	2.43	4.05	-	1.6	7.2	8.9	0.68	2.22	3.43	3.24	
	7	7	18	-	32	1.81	1.81	4.08	-	2.35	2.35	5.29	-	2.8	7.7	10.0	0.98	2.22	3.55	3.47	
	7	7	24	-	38	1.61	1.61	4.57	-	2.09	2.09	5.92	-	2.8	7.8	10.1	0.98	2.19	3.53	3.56	
	7	9	9	-	25	2.09	2.45	2.45	-	2.48	2.91	2.91	-	2.8	7.0	8.3	0.90	2.17	2.90	3.23	
	7	9	12	-	28	2.08	2.34	2.78	-	2.57	2.90	3.43	-	1.6	7.2	8.9	0.68	2.22	3.41	3.24	
	7	9	14	-	30	1.90	2.14	3.16	-	2.40	2.70	4.00	-	2.8	7.2	9.1	0.98	2.22	3.56	3.24	
	7	9	18	-	34	1.76	1.98	3.96	-	2.26	2.55	5.09	-	2.8	7.7	9.9	0.98	2.22	3.56	3.47	
	7	9	24	-	40	1.57	1.77	4.46	-	2.04	2.29	5.77	-	2.8	7.8	10.1	0.98	2.19	3.53	3.56	
	7	12	12	-	31	1.96	2.62	2.62	-	2.48	3.31	3.31	-	1.6	7.2	9.1	0.68	2.22	3.54	3.24	
	7	12	14	-	33	1.83	2.43	3.04	-	2.30	3.07	3.83	-	2.8	7.3	9.2	0.98	2.22	3.56	3.29	
	7	12	18	-	37	1.68	2.24	3.78	-	2.16	2.88	4.86	-	2.8	7.7	9.9	0.98	2.22	3.56	3.47	
	7	12	24	-	43	1.51	2.01	4.28	-	1.95	2.61	5.54	-	2.8	7.8	10.1	0.98	2.19	3.56	3.56	
	7	14	14	-	35	1.68	2.81	2.81	-	2.15	3.58	3.58	-	2.8	7.3	9.3	0.98	2.22	3.58	3.29	
	7	14	18	-	39	1.57	2.61	3.52	-	2.03	3.39	4.58	-	3.5	7.7	10.0	1.17	2.22	3.58	3.47	
	7	14	24	-	45	1.44	2.39	4.07	-	1.84	3.06	5.20	-	3.5	7.9	10.1	1.17	2.20	3.58	3.59	
	7	18	18	-	43	1.42	3.19	3.19	-	1.84	4.13	4.13	-	3.5	7.8	10.1	1.17	2.22	3.58	3.51	
	7	18	24	-	49	1.30	2.92	3.68	-	1.66	3.74	4.70	-	4.7	7.9	10.1	1.27	2.22	3.58	3.56	
	9	9	9	-	27	2.40	2.40	2.40	-	2.97	2.97	2.97	-	2.8	7.2	8.9	0.98	2.22	3.42	3.24	
	9	9	12	-	30	2.26	2.26	2.68	-	2.86	2.86	3.39	-	2.8	7.2	9.1	0.98	2.22	3.54	3.24	
	9	9	14	-	32	2.10	2.10	3.11	-	2.64	2.64	3.91	-	2.8	7.3	9.2	0.98	2.22	3.57	3.29	
	9	9	18	-	36	1.93	1.93	3.85	-	2.48	2.48	4.95	-	2.8	7.7	9.9	0.98	2.22	3.56	3.47	
	9	9	24	-	42	1.73	1.73	4.35	-	2.24	2.24	5.63	-	2.8	7.8	10.1	1.17	2.20	3.54	3.55	
	9	12	12	-	33	2.14	2.53	2.53	-	2.70	3.20	3.20	-	2.8	7.2	9.1	0.98	2.22	3.54	3.24	
	9	12	14	-	35	1.99	2.36	2.95	-	2.51	2.97	3.72	-	2.8	7.3	9.2	0.98	2.22	3.57	3.29	
	9	12	18	-	39	1.84	2.18	3.68	-	2.37	2.80	4.73	-	2.8	7.7	9.9	0.98	2.22	3.56	3.47	
	9	12	24	-	45	1.66	1.97	4.18	-	2.15	2.54	5.41	-	2.8	7.8	10.1	0.98	2.19	3.56	3.56	
	9	14	14	-	37	1.84	2.73	2.73	-	2.35	3.48	3.48	-	3.5	7.3	9.3	1.17	2.22	3.58	3.29	
9	14	18	-	41	1.74	2.58	3.48	-	2.23	3.31	4.46	-	3.5	7.8	10.0	1.17	2.22	3.58	3.51		
9	14	24	-	47	1.58	2.34	3.98	-	2.02	2.99	5.09	-	3.5	7.9	10.1	1.27	2.22	3.56	3.56		
9	18	18	-	45	1.56	3.12	3.12	-	2.02	4.04	4.04	-	4.7	7.8	10.1	1.27	2.22	3.58	3.51		
12	12	12	-	36	2.43	2.43	2.43	-	3.07	3.07	3.07	-	2.8	7.3	9.2	0.98	2.22	3.55	3.29		
12	12	14	-	38	2.28	2.28	2.85	-	2.86	2.86	3.58	-	2.8	7.4	9.3	0.98	2.22	3.58	3.33		
12	12	18	-	42	2.12	2.12	3.57	-	2.71	2.71	4.58	-	3.5	7.8	10.0	1.17	2.22	3.57	3.51		
12	12	24	-	48	1.92	1.92	4.07	-	2.45	2.45	5.20	-	3.5	7.9	10.1	1.17	2.20	3.54	3.59		
12	14	14	-	40	2.11	2.64	2.64	-	2.69	3.36	3.36	-	3.5	7.4	9.4	1.17	2.22	3.58	3.33		
12	14	18	-	44	1.98	2.48	3.34	-	2.57	3.21	4.33	-	3.5	7.8	10.1	1.17	2.22	3.58	3.51		
12	18	18	-	48	1.81	3.05	3.05	-	2.31	3.90	3.90	-	4.7	7.9	10.1	1.27	2.22	3.58	3.56		
4 Room	7	7	7	7	28	1.90	1.90	1.90	1.90	2.40	2.40	2.40	2.40	1.6	7.6	9.6	0.68	2.20	3.41	3.45	
	7	7	7	9	30	1.84	1.84	1.84	2.07	2.38	2.38	2.38	2.67	1.6	7.6	9.8	0.68	2.22	3.54	3.42	
	7	7	7																		

# Inverter Single Split





Wireless R.C.

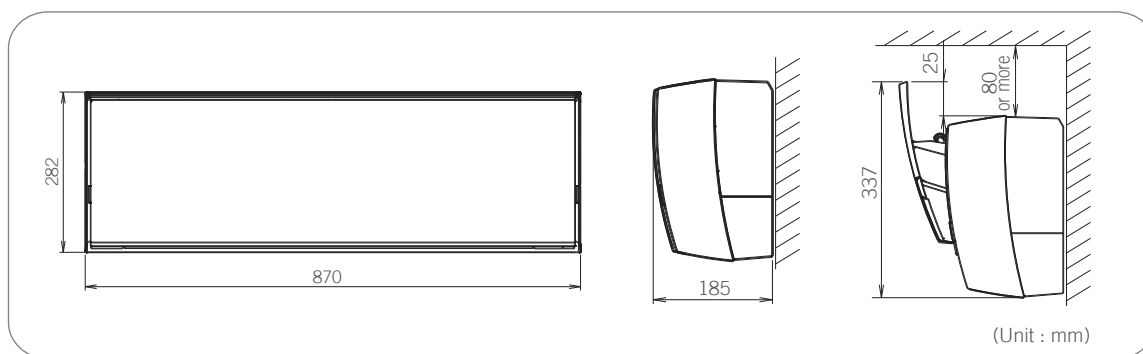


The LU series indoor units are compatible with our Multi System.

ASYG09LU  
ASYG12LU  
ASYG14LU



## Dimensions



## Optional parts

Wired Remote Control :	UTY-RNNYM
Simple Remote Control :	UTY-RSNYM
Communication Kit :	UTY-TWBXF
External Connect Kit :	UTY-XWZXZ

## Specifications

Model No.	Indoor Unit		ASYG09LU	ASYG12LU	ASYG14LU
	Outdoor Unit		A0YG09LU	A0YG12LU	A0YG14LU
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Energy Label		Ticks	4	3	2
Capacity	Cooling	kW	2.5 (0.5 ~ 3.2)	3.5 (0.9 ~ 4.0)	4.2 (0.9 ~ 5.0)
Input Power		kW	0.555	0.905	1.235
Running Current		A	3.1	4.6	5.8
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level (Indoor)	Cooling	H / M / L / Q	42 / 36 / 32 / 21	43 / 37 / 32 / 21	45 / 40 / 33 / 25
Sound Pressure Level (Outdoor)	Cooling		48	50	50
Airflow Rate (High)	Indoor / Outdoor	m³/h	800 / 1,720	850 / 1,940	900 / 1,940
Net Dimension H x W x D	Indoor	mm	282 x 870 x 185	282 x 870 x 185	282 x 870 x 185
		kg(lbs)	9.5 (21)	9.5 (21)	9.5 (21)
	Outdoor	mm	540 x 660 x 290	540 x 790 x 290	540 x 790 x 290
		kg(lbs)	25 (55)	33 (73)	34 (75)
Piping Connections (Small / Large)		mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
Drain Pipe Diameter (Inner / Outer)			16 / 29	16 / 29	16 / 29
Max Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max Height Difference			15	15	15
Operation Range	Cooling	°C	-10 ~ 43	-10 ~ 43	-10 ~ 43
Refrigerant			R410A	R410A	R410A
Remote Control			Wireless	Wireless	Wireless

# Inverter Single Split

## Simple & Elegant Apperance Design



Dimension : H260 X W790 X D198 (mm)

ASAA 09JG



ASAA 12JG



AOAR 09 / 12JG



## Elegant Apperance Design



Dimension : H320 X W998 X D238 (mm)

ASAG 18JF



ASAG 24JF



AOAG 18 / 24JF

ASAG 30JF

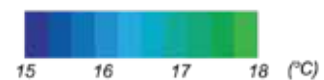
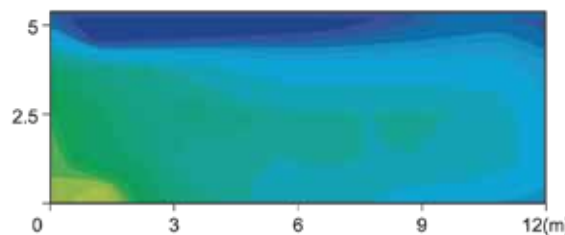
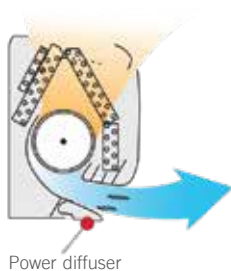


AOAG 30JF



## Healthy Horizontal Air Flow

- Cool air does not blow directly at the occupants in the room.



Outside air conditions: 35°C, 40% humidity  
Operation contents: Cooling,  
Set temperature (Min set temp)  
18°C, Air flow Hi,  
Air direction downward and front

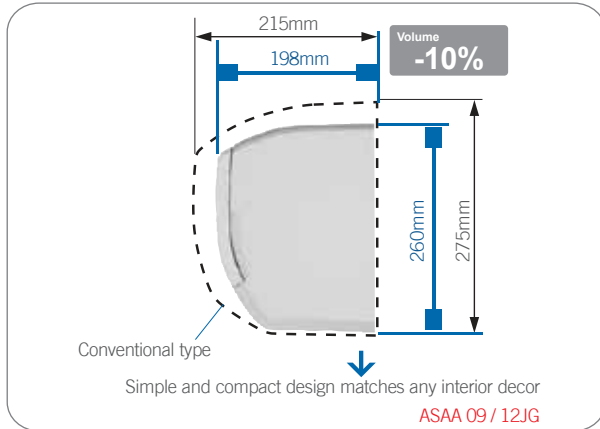
ASAG 18 / 24 / 30JF



## Convenience

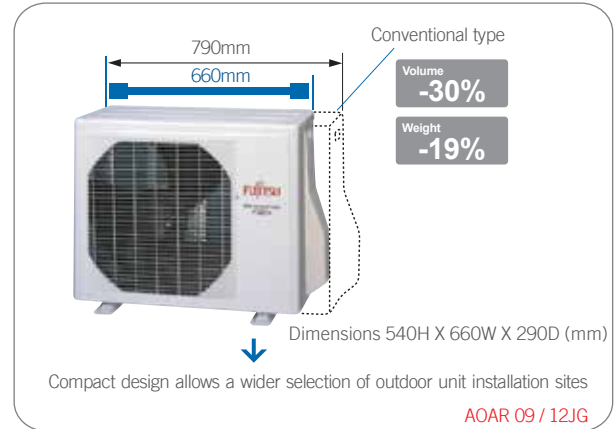
### 1. Compact Sized Indoor Unit

Top class compact size achieved by realising the highest efficiency in the industry.



### 1. Compact Sized Outdoor Unit

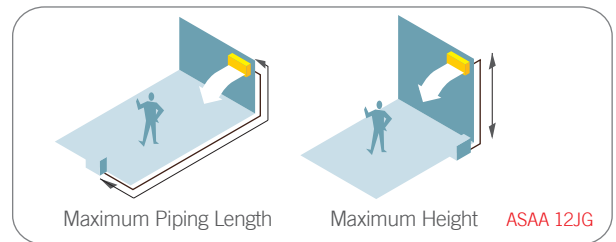
Top class compact size increases workability and installation flexibility.



## High Efficiency Layout



## Corresponds to Max. 20m Long Piping



## SPECIFICATIONS

SPECIFICATIONS				WALL MOUNT TYPE				
Model Name		Indoor		ASAA 09JG	ASAA 12JG	ASAG 18JF	ASAG 24JF	ASAG 30JF
		Outdoor		AOAR 09JG	AOAR 12JG	AOAG 18JF	AOAG 24JF	AOAG 30JF
Power Source (V/Ø/Hz)				230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Energy label				2	2	2	2	2
Capacity	Cooling	Min/Rated/Max	kW	0.5 / 2.5 / 3.2	0.9 / 3.5 / 4.0	0.9 / 5.2 / 6.0	0.9 / 6.9 / 8.0	2.9 / 7.9 / 9.0
Power Consumption			BTU/h	1,700 / 8,500 / 10,900	3,100 / 11,900 / 13,600	3,100 / 17,700 / 20,500	3,100 / 23,500 / 27,300	9,900 / 27,000 / 30,700
		kW	0.25 / 0.7 / 1.27	0.25 / 1.03 / 1.4	0.09 / 1.52 / 2.07	0.3 / 2.06 / 3.07	0.58 / 2.36 / 3.87	
Current		Rated/Max	A	3.5 / 6.0	4.9 / 6.5	6.8 / 9.0	9.1 / 13.5	10.4 / 17.0
COP	Cooling		kW	3.59	3.41	3.42	3.35	3.35
Moisture Removal			l/h (pints/h)	1.3 (2.7)	1.8 (3.8)	2.6 (4.6)	2.7 (4.8)	3.2 (5.6)
Air Circulation	Indoor		High	750	750	900	1,200	1,120
			Med	610	610	740	900	900
			Low	440	440	620	740	740
			Quiet	300	300	550	580	620
	Outdoor			1,870	1,830	2,150	2,460	3,600
Sound Pressure Level	Indoor		High	43	43	43	49	49
			Med	38	38	37	42	42
			Low	32	32	33	37	37
			Quiet	22	22	26	32	33
Outdoor			48	49	50	55	53	
Dimensions H X W X D		mm	Indoor	260 X 790 X 198	260 X 790 X 198	320 X 998 X 238	320 X 998 X238	320 X 998 X 238
Outdoor			540 X 660 X 290	540 X 660 X 290	620 X 790 X 290	620 X 790 X 290	830 X 900 X 330	
Weight	Indoor	kg	7.5	7.5	14	14	14	
	Outdoor		28	30	41	41	61	
Pipe	Connection Method			Flare	Flare	Flare	Flare	Flare
	Size	Liquid (Ø)	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
		Gas (Ø)		9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
	Max. Length		m	15	20	25	30	50
Max. Height Difference			10	15	20	20	30	
Refrigerant				R410A	R410A	R410A	R410A	R410A
Operation (Outdoor)	Cooling		℃	18-46	18-46	-10-46	-10-46	-10-46
Remote Control				Wireless	Wireless	Wireless	Wireless	Wireless

Note: Specifications are based on the following conditions  
Cooling: Indoor temperature of 27°CDB/19°CWB and outdoor temperature of 35°CDB/24°CWB.  
Pipe length: 5m (18JF), 7.5m (24/30JF) Height difference: 0m (Outdoor unit - Indoor unit).

# Feature Explanation



## ECONOMY MODE

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



## AUTOMATIC AIR FLOW ADJUSTMENT

The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.



## WEEKLY TIMER

Different on-off time can be set for each day.



## ALL DC INVERTER TECHNOLOGY

By All DC inverter control, electricity loss is decreased and power consumption is substantially reduced.



## V-PAM

(Vector - Pulse Amplitude Modulation)



## SUPER QUIET



## EASY MAINTENANCE



## R410A REFRIGERANT



## DOUBLE SWING AUTOMATIC

The up / down flaps left, right, up, and down swing.



## SLEEP TIMER

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



## PROGRAMME TIMER

The digital timer allows selection of one of four options: ON, OFF, ON-OFF, or OFF-ON. The unit can be turned on and off at the same time everyday with the touch of a button.



## AUTO RESTART

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



## FILTER SIGN

Indicates the filter cleaning period by lamp.



## LONG-LIFE ION DEODORISATION FILTER

The filter deodorises by powerfully decomposing absorbed odours using the oxidising and reducing effects of ions generated by the ultra-fine-particle ceramic.



## WASHABLE PANEL



## UP / DOWN SWING FLAPS

The up / down flaps automatically swing up and down.



## WEEKLY + SETBACK TIMER

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



## POWERFUL MODE

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



## I-PAM CONTROL MODELS

I-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform.



## LOW NOISE MODE

Sound noise level of outdoor unit can be selected.



## APPLE CATECHIN FILTER

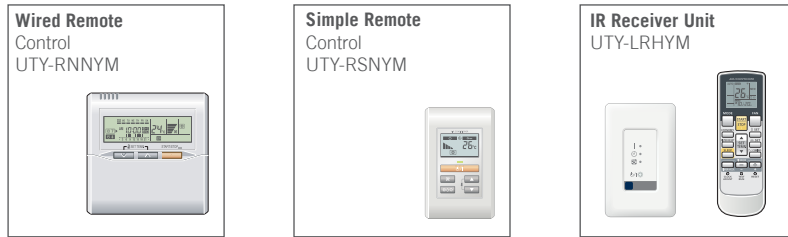
Fine dust, invisible mould spores, and harmful micro-organisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.



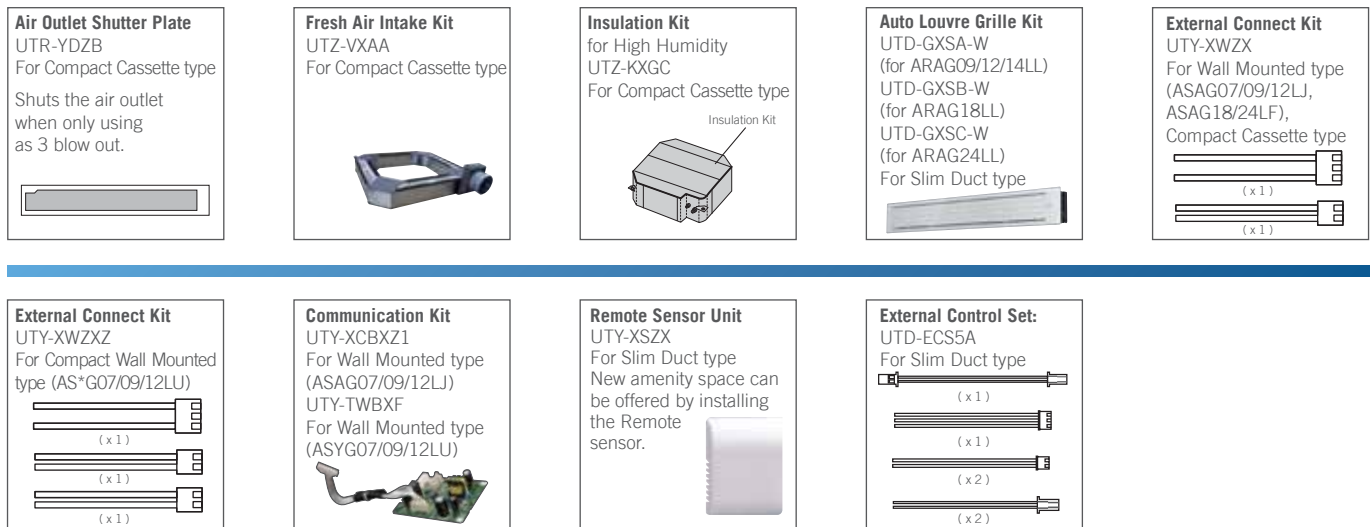
## BLUE FIN\*

\*Applicable to AOAG24LAT3 & AOAG30LAT4

## Controllers



## Others



Type	Model	Indoor Units				
		Compact Cassette	Slim Duct	Compact Wall Mounted		Wall Mounted
				LJ	LU	
Wired Remote Control	UTY-RNN*M	○	●	○*1	○*2	○
Wireless Remote Control	AR-RAH2E	—	—	—	—	●
	AR-RAH1E	●	—	●	—	—
	AR-REA2E	—	—	—	●	—
IR Receiver Unit	UTY-LRH*M	—	○	—	—	—
Simple Remote Control	UTY-RSN*M	○	○	○*1	○*2	○
Air Outlet Shutter Plate	UTR-YDZB	○	—	—	—	—
Insulation Kit For High Humidity	UTZ-KXGC	○	—	—	—	—
Fresh Air Intake Kit	UTZ-VXAA	○	—	—	—	—
External Control Set	UTD-ECS5A	—	○	—	—	—
External Connect Kit	UTY-XWZX	○	—	○*1	—	○
	UTY-XWZXZ5	—	—	—	○*2	—
Remote Sensor Unit	UTY-XSZX	—	○	—	—	—
Auto Louvre Grille Kit	UTD-GXSA-W UTD-GXSB-W UTD-GXSC-W	—	○	—	—	—
Communication Kit	UTY-XCBXZ1	—	—	○	—	—
	UTY-TWBXF	—	—	—	○	—

● : Accessory, ○ : Optional, — : It is not possible to connect it.

\*1: Optical Communication kit (UTY-XCBXZ1) is necessary for the installation.

\*2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.



FUJITSU

Sole Agent:

**WIN**finity

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