

**FUJITSU**

Refrigerant  
**R410A**  
**INVERTER**



Inverter Single Split

## Comfort Performance



Model No.	Indoor Unit		ASYG09LU	ASYG12LU	ASAG09LM	ASAG12LM	ASAA09JG	ASAA12JG
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	600 / 550 / 470 / 330	660 / 600 / 530 / 330	600 / 520 / 430 / 310	660 / 560 / 450 / 310	750 / 610 / 440 / 300	750 / 610 / 440 / 300
Sound Pressure Level		dB(A)	36 / 32 / 28 / 21	37 / 34 / 31 / 21	37 / 33 / 29 / 21	40 / 36 / 30 / 21	43 / 38 / 32 / 22	43 / 38 / 32 / 22
Net Dimension H x W x D		mm	282 x 870 x 185	282 x 870 x 185	268 x 840 x 203	268 x 840 x 203	260 x 790 x 198	260 x 790 x 198
Weight		kg	9.5	9.5	8.5	8.5	7.5	7.5
Piping Connections	Liquid Ø	mm (in)	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	mm (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



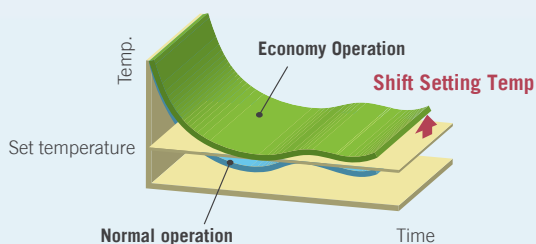
Model No.	Indoor Unit		ASAG18JFCB	ASAG24JFCB	ASAG30JFTB
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Air Flow	Cooling	H/M/L/Q	1,120 / 900 / 740 / 580	1,120 / 900 / 740 / 580	1,380 / 1,130 / 910 / 710
Sound Pressure Level		dB(A)	49 / 42 / 37 / 32	49 / 42 / 37 / 32	50 / 44 / 38 / 31
Net Dimension H x W x D		mm	320 x 998 x 238	320 x 998 x 238	340 x 1,150 x 280
Weight		kg	14	14	18
Piping Connections	Liquid Ø	mm (in)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Ø	mm (in)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Remote Control			Wireless	Wireless	Wireless



## Economy Operation

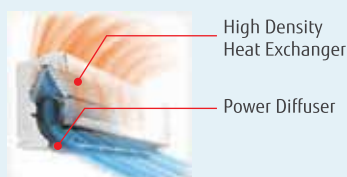
Setting temp. is shifted by 1°C automatically.

Ex.: Cooling Operation



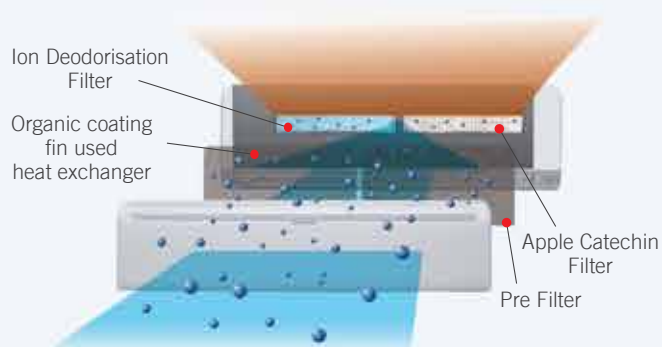
## Powerful Wall Mounted

Fujitsu General original power diffuser is mounted. Diffuser operates automatically matched to the operation mode to control the optimal airflow. Comfortable space is quickly realized.



ASAG 09 / 12LM

## Air Conditioner Filter Features



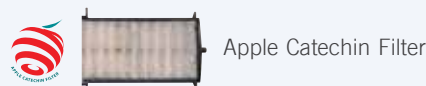
Antibacterial deodorising pre-filter with special ceramic powder

## Air Clean Filter



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

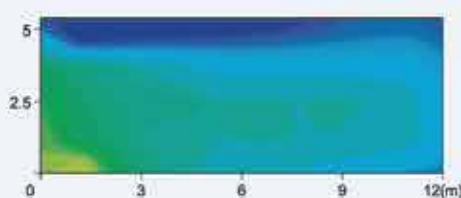
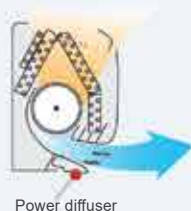
(\*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty)



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

## Healthy Horizontal Air Flow

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



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

ASAG 18 / 24JFCB  
ASAG 30JFTB

## Outdoor Units



## Specifications

Model No.	Outdoor Unit		AOYG09LU	AOYG12LU	AOAR09JG	AOAR12JG	AOAG18JFCB	AOAG24JFCB	AOAG30JFTB
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Energy Label		Ticks	4	3	2	2	3	3	3
Rated Capacity (Min-Max)	Cooling	kW	2.5 (0.5 ~ 3.2)	3.5 (0.9 ~ 4.0)	2.5 (0.5 ~ 3.2)	3.5 (0.9 ~ 4.0)	5.2 (0.9 ~ 8.0)	6.0 (0.9 ~ 8.0)	7.3 (2.9 ~ 9.0)
Sound Pressure Level		dB(A)	48	50	48	49	49	49	50
Current (Rated/Max)		A	3.1/6.0	4.6/6.5	3.5/6.0	4.9/6.5	6.0/13.5	7.1/13.5	8.4/14.5
Input Power (Rated/Max)		kW	0.555 / 1.27	0.905 / 1.40	0.7 / 1.27	1.03 / 1.40	1.33 / 3.07	1.58 / 3.07	1.92 / 3.30
Net Dimension H x W x D		mm	540 x 660 x 290	540 x 790 x 290	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		kg	25	33	28	30	41	41	61
Connection pipe	Piping	Small (Liquid) Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52(3/8)
	Connections	Large (Gas) Ø	(in)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Max. length	Total		20	15	20	30	30	50
	Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	10	15	20	30
Operation Range	Cooling	°CDB	-10 ~ 43	-10 ~ 43	18 ~ 46	18 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A	R410A
COP (Full Load)			4.64	3.96	3.59	3.41	4.01	3.82	3.85
COP (Part Load)			5.63	5.88	4.98	5.33	5.32	5.46	4.85

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)

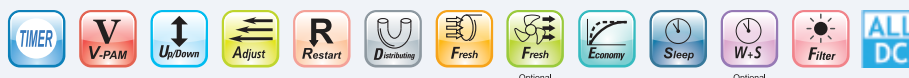
## Compact



Model No.	Indoor Unit		AUAG12LV	AUAG18LV
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50
Air Circulation	High	m³/h	600	680
	Med		530	580
	Low		470	490
	Quiet		410	410
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	38 / 34 / 30 / 26
Net Dimension	H x W x D	mm	245 x 570 x 570	245 x 570 x 570
Weight		kg/lbs	15 (33)	15 (33)
Piping Connections	Liquid Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Ø	(in)	Ø9.52 (3/8)	Ø12.7 (1/2)
Remote Control			Wired / Wireless	Wired / Wireless

### Optional Parts:

Wired Remote Controller: UTB-YUD  
Fresh Air Intake Kit: UTZ-VXAA



Model No.	Indoor Unit		AUAG24LR	AUAG30LR	AUAG36LR	AUAG36LRD	AUAG45LRD
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Air Circulation	High	m³/h	1,600	1,600	1,900	2,000	2,000
	Med		1,400	1,400	1,640	1,650	1,650
	Low		1,270	1,270	1,460	1,460	1,460
	Quiet		1,150	1,150	1,250	1,300	1,300
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	40 / 38 / 36 / 32	43 / 38 / 36 / 32	46 / 42 / 39 / 35	46 / 42 / 39 / 35
Net Dimension	H x W x D	mm	288 x 840 x 840	288 x 840 x 840	288 x 840 x 840	288 x 840 x 840	288 x 840 x 840
Weight		kg/lbs	23 (51)	23 (51)	26 (58)	29 (64)	29 (64)
Piping Connections	Liquid Ø	mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Ø	(in)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Remote Control			Wired / Wireless	Wired / Wireless	Wired / Wireless	Wired / Wireless	Wired / Wireless

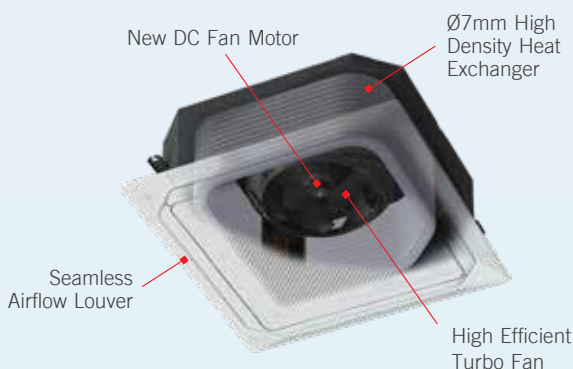
### Optional Parts:

IR Receiver Kit: UTY-LRHYA1 / UTY-LRHYA2 (24 / 36LR)  
Fresh Air Intake Kit: UTZ-VXGA  
Wired Remote Controller: UTB-YUD  
Standard Wired Remote Controller (Three Wires): UTY-RNNYM (36LRD-A / 45LRD-A)  
Human Sensor Kit: UTY-SHZXC (36LRD-A / 45LRD-A)  
Fresh Air Intake: UTZ-VXRA (36LRD-A / 45LRD-A)



## Uniform Air Distribution by the Seamless Air Opening

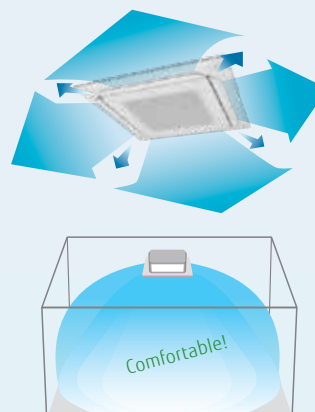
In new model, the gaps between each airflow openings are removed, which enables to distribute wider and uniform airflow to room.



AUAG36 / 45LRD-A

## Uniform Temperature Air Conditioning

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

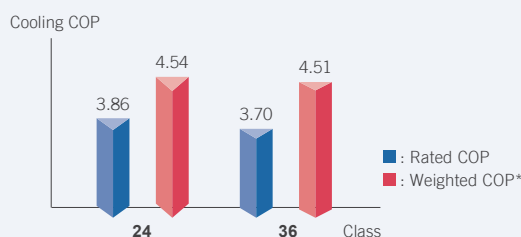


AUAG36 / 45LRD-A



## Top Class High EER

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

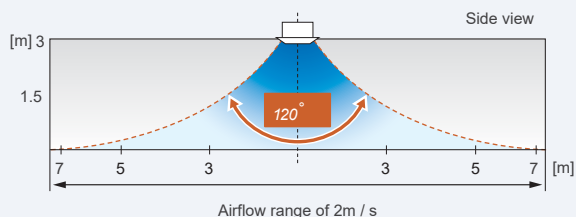


\*Weighted COP=0.4xCOP<sub>100%</sub>+0.6xCOP<sub>50%</sub>

AUAG24 / 36LR

## Long-Reach And Wide Angle Air Flow

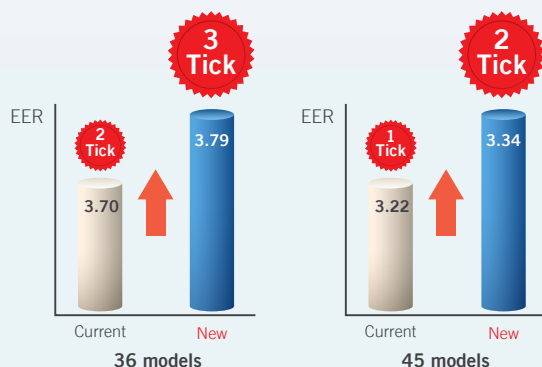
The airflow can be travelled in all directions and at far distance. It enables to produce the best performance in sizable spaces such as office and school.



AUAG24 / 36LR

## High Energy Efficiency

Achieve Highly Energy Efficiency Level (Tick) by New Indoor Unit Design and New DC Inverter Control



AUAG36 / 45LRD-A

## Wireless Remote Control

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



## Human Sensor for Energy Saving (Option)

- Human Sensor
- 2 modes can be selected.

**Auto Saving**

Power is saved while no one is around

**Auto OFF**

Operation is stopped while no one is around



AUAG36 / 45LRD-A

## Outdoor Units



## Specifications

Model No.	Outdoor Unit	AOAG12LB	AOAG18LB	AOAG24LB	AOAG30LB	AOAG36LBTC-A	AOAG45LBTC-A
Power Source	V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Energy Label	Ticks	2	2	3	2	3	2
Rated Capacity (Min-Max)	kW	0.9 / 3.5 / 4.4	0.9 / 5.2 / 5.9	2.8 / 7.1 / 10.0	2.8 / 8.5 / 10.0	4.0 / 9.7 / 13.5	4.0 / 11.7 / 14.0
Sound Pressure Level	dB(A)	47	50	51	53	53	55
Current (Rated/Max)	A	4.5 / 7.5	7.0 / 9.0	8.1 / 17.0	11.1 / 17.0	11.2 / 20.5	15.5 / 20.5
Input Power (Rated/Max)	kW	0.99 / 1.70	1.52 / 2.07	1.84 / 3.88	2.54 / 3.88	2.56 / 4.70	3.50 / 4.70
Net Dimension H x W x D	mm	578 x 790 x 300	578 x 790 x 300	830 x 900 x 330	830 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330
Weight	kg/lbs	40 (88)	40 (88)	61 (135)	61 (135)	86 (190)	86 (190)
Piping	Small (Liquid) Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Connections	Large (Gas) Ø	(in)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Max. length	Total	25	25	50	50	50	50
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	30	30	30
Operation Range	Cooling	°CDB	-10 ~ 46	-10 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
COP (Full Load)		3.71	3.47	3.96	3.43	3.90	3.43
COP (Part Load)		5.07	5.11	5.09	4.65	5.69	5.02

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 : 7.5m (AUAG 12 / 18LB), 5m (AUAG 24 / 30 / 36 / 45LR) Height difference : 0m. (Outdoor unit - Indoor unit)  
 Ceiling mode : Standard  
 \*The maximum current and the maximum input value are the maximum values when operated within the operation (temperature) range.



Indoor Unit				ABAG18LV	
Power Source			V/Ø/Hz	230 / 1 / 50	
Air Flow	Cooling	H/M/L/Q	m³/h	780 / 700 / 560 / 500	
Sound Pressure Level		High	dB(A)	44 (Floor) 43 (Ceiling)	
		med		41 (Floor) 40 (Ceiling)	
		Low		35 (Floor) 34 (Ceiling)	
		Quiet		32 (Floor) 31 (Ceiling)	
Net Dimension H x W x D			mm	199 x 990 x 655	
Weight			kg/lbs	27 (60)	
Piping Connections		Liquid Ø	mm	Ø6.35 (1/4)	
		Gas Ø	(in)	Ø12.70 (1/2)	
Remote Control				Wired / Wireless	

## Optional Parts:

Wired Remote Controller: UTY-RNNYM



Indoor Unit				ABAG30LR	ABAG36LR	ABAG45LR
Power Source			V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Air Flow	Cooling	H/M/L/Q	m³/h	1,660 / 1,500 / 1,200 / 1,000	1,900 / 1,500 / 1,200 / 1,000	2,100 / 1,700 / 1,400 / 1,100
Sound Pressure Level		High	dB(A)	45	47	49
		med		43	43	45
		Low		37	37	39
		Quiet		32	32	34
Net Dimension H x W x D			mm	240 x 1,660 x 700	240 x 1,660 x 700	240 x 1,660 x 700
Weight			kg/lbs	46 (101)	46 (101)	46 (101)
Piping Connections		Liquid Ø	mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
		Gas Ø	(in)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Remote Control				Wired / Wireless	Wired / Wireless	Wired / Wireless

## Optional Parts:

Flange (Round): UTD-RF204

Wired Remote Controller: UTB-YUD

Drain Pump Unit: UTR-DPB24T



## Flexible Installation



Example for floor installation

ABAG 18LV

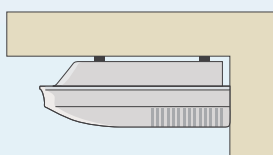


Example for ceiling installation

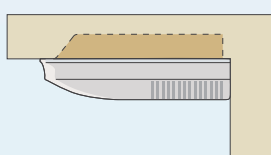
ABAG 18LV  
ABAG 30 / 36 / 45LR

## Installation

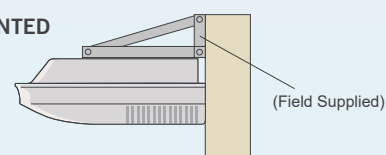
OPEN



CONCEALED



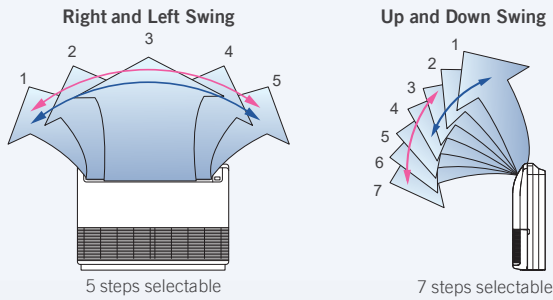
WALL MOUNTED



ABAG 30 / 36 / 45LR

## Double Auto Swing

A combination of right/left and up/down directional swing allows

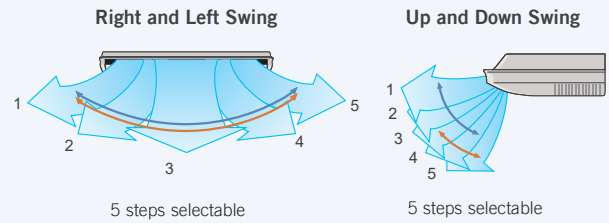


- ⇨ Steps
- ⇨ Swing: Cooling, Dry and Fan mode
- ⇨ Swing: Heating and Fan mode

ABAG 18LV

## Multi Auto Swing

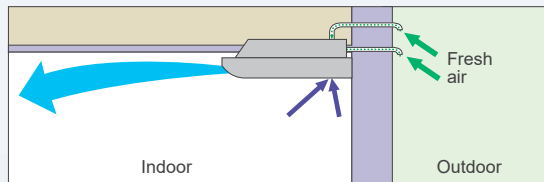
A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



- ⇨ Steps
- ⇨ Swing: Cooling, Dry and Fan mode
- ⇨ Swing: Heating and Fan mode

ABAG 30 / 36 / 45LR

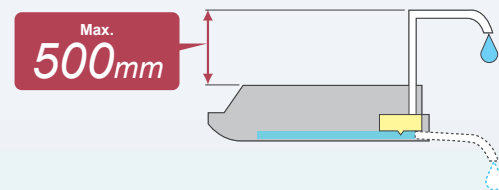
## Fresh Air Intake



ABAG 30 / 36 / 45LR

## Condensate Lift-up Mechanism (Option)

Optional drain lift-up mechanism allows flexible installation.



ABAG 30 / 36 / 45LR

## Outdoor Units



AOAG18LB



AOAG30LB



AOAG36LBT-A



AOAG45LBT-A

## Specifications

Model No.	Outdoor Unit		AOAG18LB	AOAG30LB	AOAG36LBT-A	AOAG45LBT-A
Power Source	V/Ø/Hz		230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Energy Label	Ticks		2	2	3	2
Rated Capacity (Min-Max)	Cooling	kW	0.9 / 5.2 / 5.9	2.8 / 8.5 / 10.0	4.0 / 9.7 / 13.5	4.0 / 11.7 / 14.0
Sound Pressure Level		dB(A)	50	53	53	55
Current (Rated/Max)		A	7.0 / 9.0	11.1 / 17.0	11.2 / 20.5	15.5 / 20.5
Input Power (Rated/Max)		kW	1.55 / 2.04	2.54 / 3.88	2.56 / 4.70	3.50 / 4.70
Net Dimension H x W x D		mm	578 x 790 x 300	830 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330
Weight		kg/lbs	40 (88)	61 (135)	86 (190)	86 (190)
Piping Connections	Small (Liquid) Ø	mm (in)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Large (Gas) Ø	mm (in)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Max. length	Total		25	50	50	50
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	30	30	30
Operation Range	Cooling	°CDB	-10 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Refrigerant			R410A	R410A	R410A	R410A
COP (Full Load)			3.47	3.43	3.90	3.43
COP (Part Load)			5.11	4.65	5.69	5.02

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 ( ABAG 18LV, ABAG 30 / 36LR), 7.5m ( ABAG 45LR) Height difference : 0m. (Outdoor unit - Indoor unit)

\* The maximum current and the maximum input value are the maximum values when operated within the operation (temperature) range.



Model No.	Indoor Unit		ARAG12LL	ARAG18LL
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50
Air Flow	Cooling	H/M/L/Q	650 / 600 / 550 / 480	940 / 880 / 820 / 750
Sound Pressure Level		m³/h	29 / 28 / 26 / 25	32 / 30 / 29 / 27
Net Dimension H x W x D		mm	198 x 700 x 620	198 x 900 x 620
Weight		kg/lbs	17 (37)	21 (46)
Piping Connections	Liquid Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Ø	(in)	Ø9.52 (3/8)	Ø12.7 (1/2)
Remote Control			Wired / Wireless	Wired / Wireless

## Optional Parts:

Remote Sensor Unit: UTD-RS100 / UTY-XSZX

External Control Set: UTD-ECS5A

IR Receiver Unit: UTY-LRHYM



Model No.	Indoor Unit		ARAG24LM	ARAG30LM	ARAG36LM	ARAG45LM
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Air Flow	Cooling	H/M/L/Q	1,100 / 910 / 750 / 580	1,900 / 1,620 / 1,270 / 980	1,900 / 1,620 / 1,270 / 980	2,100 / 1,750 / 1,350 / 1,070
Sound Pressure Level		dB(A)	31 / 29 / 27 / 25	39 / 35 / 30 / 26	39 / 35 / 30 / 26	42 / 38 / 32 / 28
Net Dimension H x W x D		mm	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700
Weight		kg/lbs	38 (83)	37 (82)	37 (82)	39 (86)
Piping Connections	Liquid Ø	mm	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Ø	(in)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Remote Control			Wired / Wireless	Wired / Wireless	Wired / Wireless	Wired / Wireless

## Optional Parts:

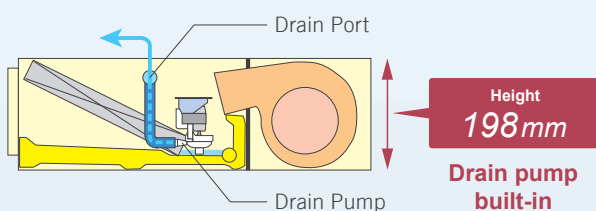
Drain Pump Unit: UTZ-PX1NBA

IR Receiver Unit: UTY-LRHY1 / UTY-LRHYM



## Slim Design

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



ARAG 12 / 18LL

## Selectable with a Wide Range of Static Pressure

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

The change of static pressure range is possible by remote controller.

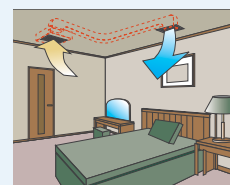
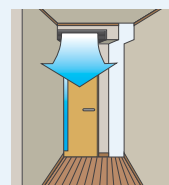


Static pressure range  
0 to 90 Pa

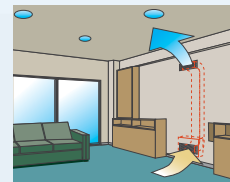
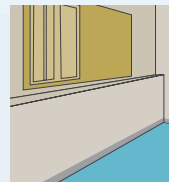
ARAG 12 / 18LL

## Flexible Installation

Ceiling Concealed



Floor Concealed



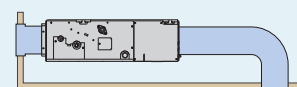
ARAG 12 / 18LL

## Air Intake

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



Bottom side



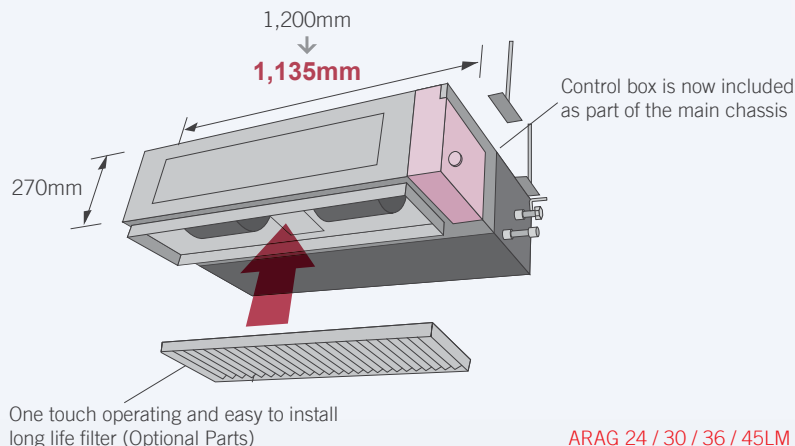
Back side

ARAG 12 / 18LL



## 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 270mm, Further space savings have been achieved by mounting the electrical control box internally inside the chassis.

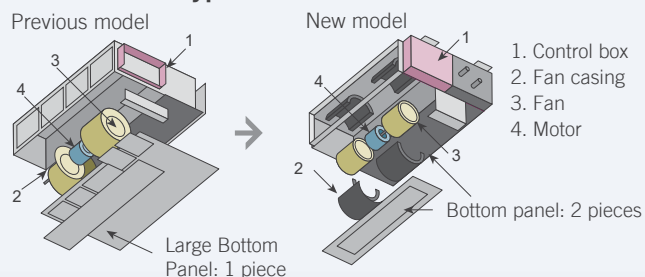


ARAG 24 / 30 / 36 / 45LM

## 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.

### Rear Suction Type



ARAG 24 / 30 / 36 / 45LM

## Outdoor Units



## Specifications

Model No.	Outdoor Unit	AOAG12LB	AOAG18LB	AOAG24LA	AOAG30LB	AOAG36LBTB-A	AOAG36LBTC-A	AOAG45LBTC-A
Power Source	V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Rated Capacity (Min-Max)	kW	3.5 (0.9 ~ 4.4)	5.2 (0.9 ~ 5.9)	6.8 (0.9 ~ 8.0)	8.5 (2.8 ~ 10.0)	9.4 (2.8 ~ 11.2)	10 (4.0 ~ 14.0)	9.7 (4.0 ~ 13.5)
Sound Pressure Level	dB(A)	47	50	52	53	54	53	55
Current (Rated/Max)	A	4.5 / 7.5	7.2 / 9.0	9.7 / 12.0	11.6 / 17.0	13.0 / 18.5	11.8 / 20.5	15.5 / 20.5
Input Power (Rated/Max)	kW	0.99 / 1.70	1.62 / 2.04	2.21 / 2.85	2.65 / 3.88	2.96 / 4.22	2.70 / 4.70	2.56 / 4.7
Net Dimension H x W x D	mm	578 x 790 x 300	578 x 790 x 300	578 x 790 x 315	830 x 900 x 330	830 x 900 x 330	1,290 x 900 x 330	1,290 x 900 x 330
Weight	kg/lbs	40 (88)	40 (88)	44 (97)	61 (135)	61 (135)	86 (190)	86 (190)
Piping Connections	Small (Liquid) Ø	mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Large (Gas) Ø	(in)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Max. length	Total	m	25	25	30	50	50	50
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	20	30	30	30
Operation Range	Cooling	°CDB	-10 ~ 46	-10 ~ 46	-10 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A

Note: Specifications are based on the following conditions.

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

Standard static pressure : 0 Pa (ARAG 12 / 18LL) : 47 Pa (ARAG 30 / 36LM)

: 30 Pa (ARAG 24LM) : 60 Pa (ARAG 45LM)

Pipe length : 7.5m (ARAG 12 / 18LL, ARAG 24 / 45LM), 5m (ARAG 30 / 36 LM), Height difference: 0m. (Outdoor unit - Indoor unit)

Sound pressure level: Install a 2m duct to the outlet port and a 1m duct to the suction port and measure (ARAG 12 / 18LL, ARAG 24 / 30 / 36 / 45LM)

\*The maximum current and the maximum input value are the maximum values when operated within the operation (temperature) range.

## Optional Parts

### Controllers

#### For Individual & Centralized Control

**Wired Remote Controller**  
UTY-RNRYZ1 **NEW**



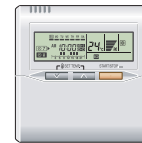
**Wired Remote Controller**  
UTY-RLRY **NEW**



**Wired Remote Controller**  
UTY-RVNYM



**Wired Remote Controller**  
UTY-RNNYM / UTB-YUD



**Simple Remote Controller**  
UTY-RSNYM / UTB-YPB



### Communication Devices

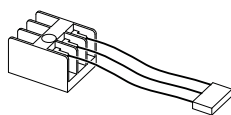
#### Communication Kit / External Input and Output PCB / Box

**Communication Kit**  
UTY-TWBXF / UTY-XCBXZ1 /  
UTY-XCBXZ2 / UTY-TWRX



For Compact  
Wall Mounted type

**Communication Kit**  
UTY-XWNX **NEW**



**External Input & Output PCB**  
UTY-XCSXZ1 **NEW**



**External Input & Output  
PCB Box**  
UTZ-GXXB **NEW**



### Others

#### For Duct Type

**Remote Sensor Unit**  
UTY-XSZX / UTD-RS100

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



**IR Receiver Kit**  
UTY-LRHYM / UTY-LRHY1 /  
UTY-LRJY1



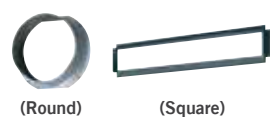
**Auto Louver Grille Kit**  
UTD-GXTA-W  
For 07 / 09 / 12 / 14 type  
UTD-GXTB-W  
For 18 type



**Long-Life Filter**  
UTD-LF60KA / UTD-LF25NA



**Flange**  
UTD-RF204 (Round)  
UTD-SF045T (Square)



(Round)

(Square)

**Drain Pump Unit**  
UTZ-PX1NBA / UTZ-PX1BBA  
For Compact / Medium  
Static Pressure Duct

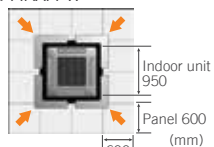


#### For Cassette Type

**IR Receiver Kit**  
UTY-LRHYA2



**Wide Panel**  
UTG-AKXA-W



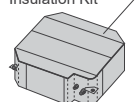
**Fresh Air Intake Kit**  
UTZ-VXAA  
For Compact Cassette type



**Fresh Air Intake Kit**  
UTZ-VXRA



**Insulation Kit For High Humidity**  
UTZ-KXGA / UTZ-KXRA  
For Compact Cassette type /  
Cassette type



**Air Outlet Shutter Plate**  
UTR-YDZB

For Compact Cassette type

Shuts the air outlet when  
only using as 3 blow out.



## Explanation of Features:



### UP / DOWN SWING FLAPS

The up / down flaps automatically swing up and down.



### DOUBLE SWING AUTOMATIC

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



### AUTOMATIC AIR FLOW ADJUSTMENT

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



### WEEKLY + SETBACK TIMER

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



### 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.



### CONNECTABLE FRESH AIR DUCT



### FRESH AIR INTAKE

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



### CONNECTABLE DISTRIBUTING DUCT



### ECONOMY MODE

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



### ENERGY SAVING MODE

This mode raises the set temperature slightly in the cooling mode to economically control the operation of the unit.



### 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

(Vector - Pulse Amplitude Modulation)



### ALL DC INVERTER TECHNOLOGY

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



### 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.



### 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.



### EASY MAINTENANCE



### WASHABLE PANEL

Note: Information are correct during time of printing. Specifications and designs are subjected to changes without prior notice for further improvements.

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