

SPLIT

9 types 78 models

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

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



032 **INVERTER SPLIT ALL TYPE LINEUP**

034 **CONSTANT SPEED SPLIT ALL TYPE LINEUP**

036 **FEATURE EXPLANATION**

038 **INVERTER: Models by Country**

For Singapore

For Thailand

For Vietnam

060 **INVERTER: Common Models**

WALL MOUNTED

COMPACT CASSETTE

CASSETTE

FLOOR / CEILING UNIVERSAL

CEILING

SLIM DUCT

MEDIUM STATIC PRESSURE DUCT

077 **CONSTANT SPEED: Models by Country**

For Thailand

080 **CONSTANT SPEED: Common Models**

WALL MOUNTED

COMPACT CASSETTE

CASSETTE

FLOOR / CEILING UNIVERSAL

CEILING

COMPACT DUCT

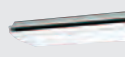
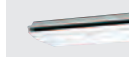
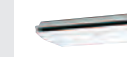
MEDIUM STATIC PRESSURE DUCT

HIGH STATIC PRESSURE DUCT

INVERTER : Models by Country		2.5	3.5	4.1	5.3	7.1	8.8	10.5	13.2	15.8	16.5	25.0
Capacity (kW)		9	12	14	18	24	30	36	45	54	60	90
Model Code												
 for Singapore	WALL MOUNTED	Heating & Cooling  >> Page 38	 ASYG09LUCA	 ASYG12LUCA	 ASYG14LUCA							
		Cooling only  >> Page 40	 ASAA09JGC	 ASAA12JGC								
		Cooling only  >> Page 42			 ASAG18JFCA	 ASAG24JFCA	 ASAG30JFCA					
	CASSETTE	Heating & Cooling  >> Page 44				 AUAG24LRLA-A		 AUAG36LRLC-A				
		Heating & Cooling  >> Page 46						 AUAG36LRD-A	 AUAG45LRD-A			
 for Thailand	WALL MOUNTED	Cooling only  >> Page 48, 50	 ASMG09CMCA	 ASMG12CMCA	 ASMG18CMCA	 ASMG24CMCA	 ASMG30CMTA					
		Cooling only  >> Page 52	 ASMA09JET	 ASMA12JET								
		Cooling only  >> Page 54	 ASMG09JLTA	 ASMG12JLTA								
 for Vietnam	WALL MOUNTED	Heating & Cooling  >> Page 56	 ASAG09LLTB-V	 ASAG12LLTA-V								
		Cooling only  >> Page 58	 ASAG09JLTB-V	 ASAG12JLTB-V								

INVERTER : Common Models		2.5	3.5	4.1	5.3	7.1	8.8	10.5	13.2	15.8	16.5	25.0
Capacity (kW)		9	12	14	18	24	30	36	45	54	60	90
Model Code												
WALL MOUNTED	Cooling only  >> Page 60	 ASAG09JLCA	 ASAG12JLCA									
	Cooling only  >> Page 62				 ASAA18JCC	 ASAA24JCC	 ASAA30JCC					
COMPACT CASSETTE CASSETTE	Heating & Cooling  >> Page 64, 66		 AUAG12LVLB		 AUAG18LVLB	 AUAG24LVLA	 AUAG30LRLA	 AUAG36LRLA	 AUAG45LRLA	 AUAG54LRLA		
FLOOR / CEILING UNIVERSAL CEILING	Heating & Cooling  >> Page 68, 70				 ABAG18LVTA	 ABAG24LVTA	 ABAG30LRTA	 ABAG36LRTA	 ABAG45LRTA			
SLIM DUCT	Heating & Cooling  >> Page 72		 ARAG12LLLB		 ARAG18LLLB							
MEDIUM STATIC PRESSURE DUCT	Heating & Cooling  >> Page 74					 ARAG24LMTA	 ARAG30LMLA	 ARAG36LMLA	 ARAG45LMLA			

CONSTANT SPEED : Models by Country											
Capacity (kW)	2.5	3.5	4.1	5.3	7.1	8.8	10.5	13.2	15.8	16.5	25.0
Model Code	9	12	14	18	24	30	36	45	54	60	90
for Thailand WALL MOUNTED	Cooling only  >>> Page 76	 ASMA09BETA	 ASMA12BETA								
	Cooling only  >>> Page 78			 ASMA18FUTA	 ASMA24FUTA	 ASMA30FUTA					

CONSTANT SPEED : Common Models											
Capacity (kW)	2.5	3.5	4.1	5.3	7.1	8.8	10.5	13.2	15.8	16.5	25.0
Model Code	9	12	14	18	24	30	36	45	54	60	90
WALL MOUNTED	Cooling only  >>> Page 80	 ASAA09BMTA-A	 ASAA12BMTA-A								
	Cooling only  >>> Page 82			 ASAA18FMTA-A	 ASAA24FMTA-A						
	Cooling only >>> Page 84			 ASYA18AET	 ASYA24AET						
COMPACT CASSETTE CASSETTE	Heating & Cooling / Cooling only >>> Page 86, 88			 AUY18ABAB AUY18RBAB	 AUY25ABAR AUY25RLD-W	 AUY30ABAR AUY30RLD-W		 AUY45ABAS [3phase] AUY45RLB3W [3phase]	 AUY54ABAS [3phase] AUY54RLB3W [3phase]		
FLOOR / CEILING UNIVERSAL CEILING	Heating & Cooling / Cooling only >>> Page 90, 92			 ABY18ABAJ ABY18RBAJ	 ABY24ABAJ ABY24RBAJ	 ABY30ABA-W ABY30RBA-W	 ABY36ABA3W [3phase] ABY36RBA3W [3phase]	 ABY45ABA3W [3phase] ABY45RBA3W [3phase]	 ABY54ABA3W [3phase] ABY54RBA3W [3phase]		
COMPACT DUCT	Cooling only  >>> Page 94			 ARY18FUAL							
MEDIUM STATIC PRESSURE DUCT	Heating & Cooling / Cooling only >>> Page 96				 ARY25ALC ARY25RLC	 ARY30ALC ARY30RLC	 ARY36ALD3 [3phase] ARY36RLC3 [3phase]	 ARY45ALC3 [3phase] ARY45RLC3 [3phase]			
HIGH STATIC PRESSURE DUCT	Heating & Cooling / Cooling only >>> Page 98								 ARY60AUAK [3phase] ARY60RUAK [3phase]	 ARY90ELC3 [3phase] ARY90TLC3 [3phase]	

○ : Optional function



Model : ASYG09LUCA / ASYG12LUCA / ASYG14LUCA



Wireless R.C.



GOOD DESIGN
reddot design award
winner 2012



AOYG09LUC



AOYG12LUC
AOYG14LUC



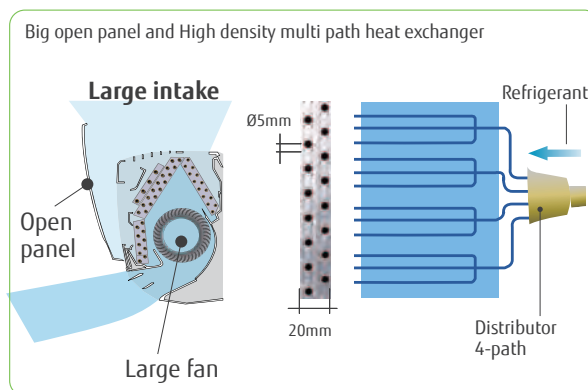
Thin & Slim design

Thin and slim design is realized by Ø5mm heat exchanger and high efficiency wind blower.



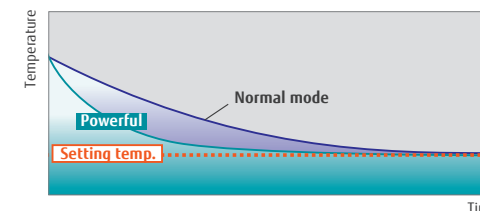
185mm

H282 X W870 X D185



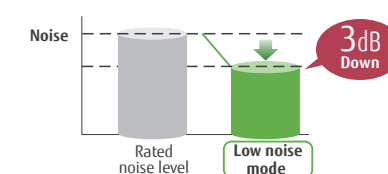
Powerful operation

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

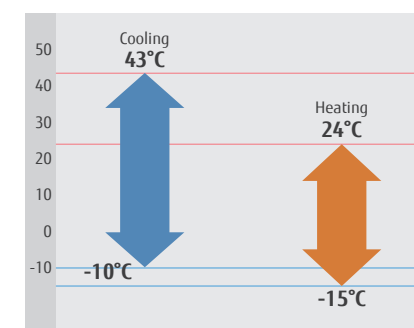


Low noise mode for outdoor unit

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

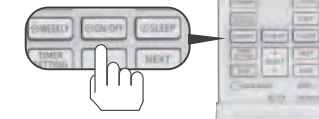


Low ambient operation



3 Mode timer (Weekly/Program/Sleep)

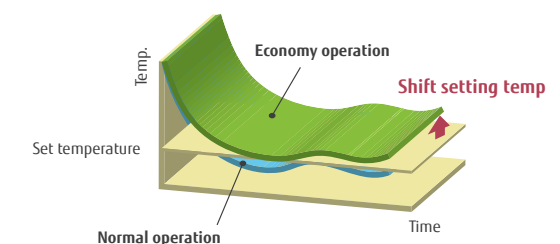
Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, program timer and sleep timer can be also selected by one push.



Economy operation

Setting temp. is shifted by 1°C automatically.

Ex. : Cooling operation



Optional parts

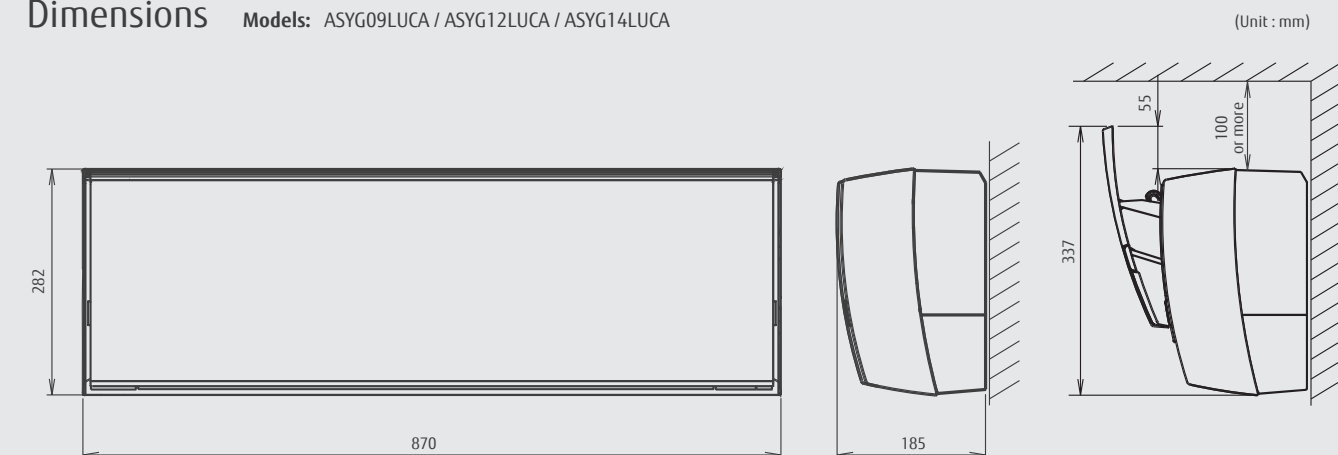
Wired Remote Controller:	UTY-RNNYM
	UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Communication Kit:	UTY-TWBXF
External Connect Kit:	UTY-XWZXZ5

Specifications

Model No.	Indoor unit		ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
	Outdoor unit		AOYG09LUC	AOYG12LUC	AOYG14LUC
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	2.5(0.5~3.2)	3.5(0.9~4.0)	4.2(0.9~5.0)
		BTU/h	8,500(1,700-10,900)	11,900(3,100-13,600)	14,300(3,100-17,100)
	Heating	kW	3.2(0.5~4.2)	4.0(0.9~5.6)	5.4(0.9~6.0)
		BTU/h	10,900(1,700-14,300)	13,600(1,700-19,100)	18,400(1,700-20,500)
Input Power	Cooling/Heating	kW	0.555/0.680	0.905/0.930	1.235/1.380
EER	Cooling		4.50	3.87	3.40
COP	Heating	W/W	4.71	4.30	3.91
Running Current	Cooling/Heating	A	3.1/3.4	4.6/4.7	5.8/6.3
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure	Indoor (High)	dB(A)	42	43	45
	Outdoor		48	50	50
Airflow Rate (High)	Indoor	m³/h	800	850	900
	Outdoor		1,720	1,940	1,940
Net Dimension H×W×D	Indoor	mm	282x870x185	282x870x185	282x870x185
		kg (lbs)	9.5(21)	9.5(21)	9.5(21)
Net Weight	Outdoor	mm	540x660x290	540x790x290	540x790x290
		kg (lbs)	25.0(55)	33.0(73)	34.0(75)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)		mm	16.0/29.0	16.0/29.0	16.0/29.0
Max Pipe Length (Pre-Charge)		m	20(15)	20(15)	20(15)
Max Height Difference			15	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

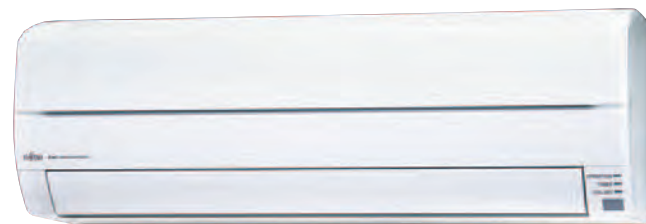
Dimensions

Models: ASYG09LUCA / ASYG12LUCA / ASYG14LUCA





Model : ASAA09JGC / ASAA12JGC



Wireless R.C.

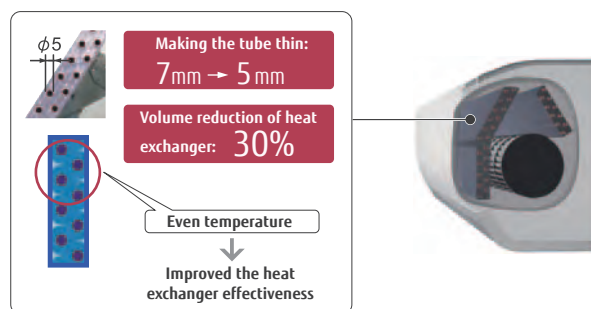


AOAR09JGC
AOAR12JGC



High Efficient Compact Design

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



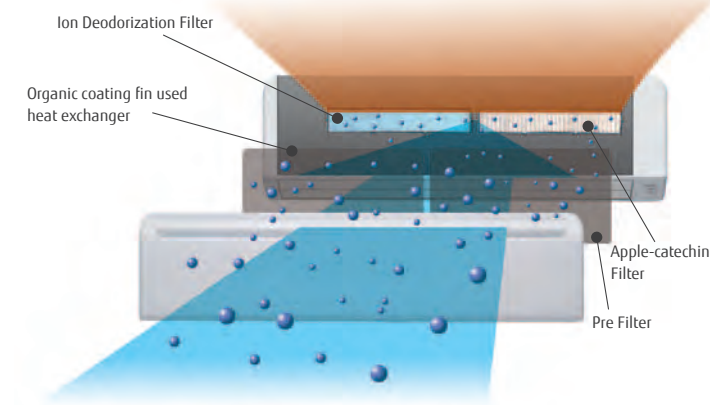
Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bed room and a study room, etc.

Fan speed
Quiet

Noise level
22dB(A)

Air conditioner filter features



Antibacterial deodorizing pre-filter with special ceramic powder

Air conditioner filter features



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.

+ Using different filters at both sides

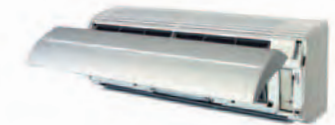


Apple-catechin Filter

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

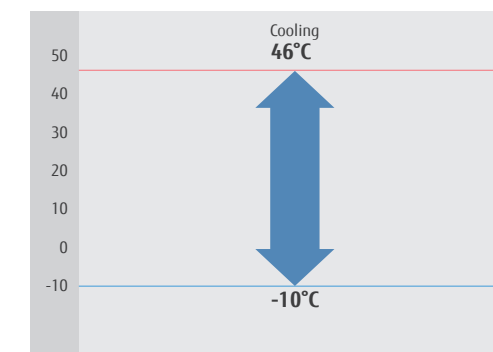
Easy maintenance

Removable & washable panel



Low ambient operation

(Heat pump type)



Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
Sub Interface Board:	UTY-XCBXE
External Connect Kit:	UTY-XWZX

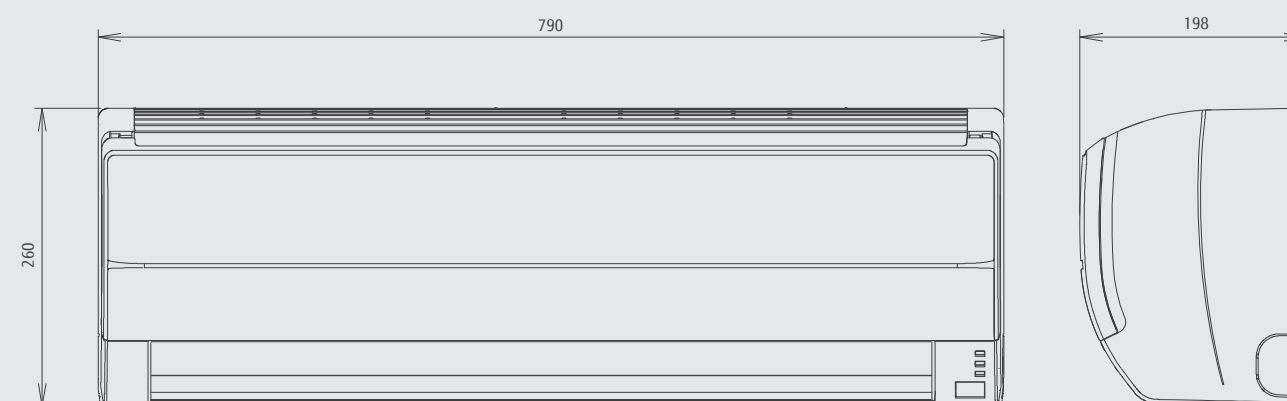
Specifications

Model No.	Indoor unit		ASAA09JGC	ASAA12JGC
	Outdoor unit		AOAR09JGC	AOAR12JGC
Power Source	V/ Ø/Hz		230/1/50	230/1/50
Capacity	Cooling	kW	2.5	3.5
		BTU/h	8,500	11,900
Input Power	Cooling	kW	0.7	1.03
EER	Cooling	W/W	3.57	3.4
Running Current	Cooling	A	3.5	4.9
Moisture Removal	l/h		1.3	1.8
Sound Pressure	Indoor (High)	dB(A)	43	43
	Outdoor		48	49
Airflow Rate (High)	Indoor	m³/h	750	750
	Outdoor		1,870	1,830
Net Dimension HxWxD	Indoor	mm	260x790x198	260x790x198
		kg (lbs)	7.5 (17)	7.5 (17)
Net Weight	Outdoor	mm	540x660x290	540x660x290
		kg (lbs)	28.0 (62)	30.0 (66)
Piping Connections (Small / Large)	mm		6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)	mm		16.0/29.0	16.0/29.0
Max Pipe Length (Pre-Charge)	m		15(10)	20(15)
Max Height Difference			10	15
Operation Range	Cooling	°CDB	18 to 46	18 to 46
Refrigerant			R410A	R410A

Dimensions

Models: ASAA09JGC / ASAA12JGC

(Unit : mm)





Model : ASAG18JFCA / ASAG24JFCA / ASAG30JFCA



AOAG18JFC
AOAG24JFC



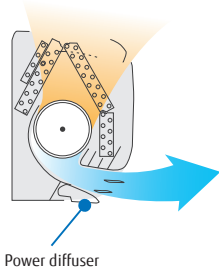
AOAG30JFT



Comfort airflow

Power diffuser

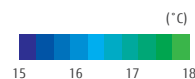
"Horizontal airflow" does not blow cool air directly at the occupants in the room



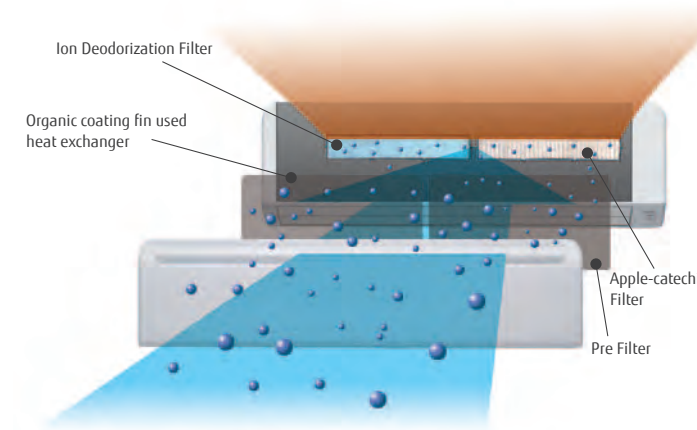
Power diffuser



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



Air conditioner filter features



Antibacterial deodorizing pre-filter with special ceramic powder

Air conditioner filter features



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.

✚ Using different filters at both sides



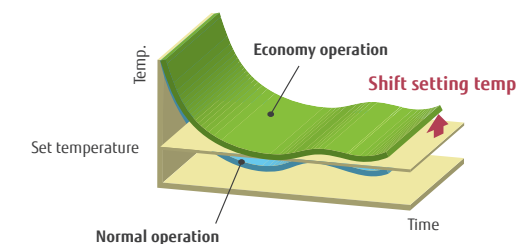
Apple-catechin Filter

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

Economy operation

Setting temp. is shifted by 1°C automatically.

Ex. : Cooling operation



Flexible Installation

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

Easy maintenance

Simplification of drain pan cleaning improves maintenance-ability.

Optional parts

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

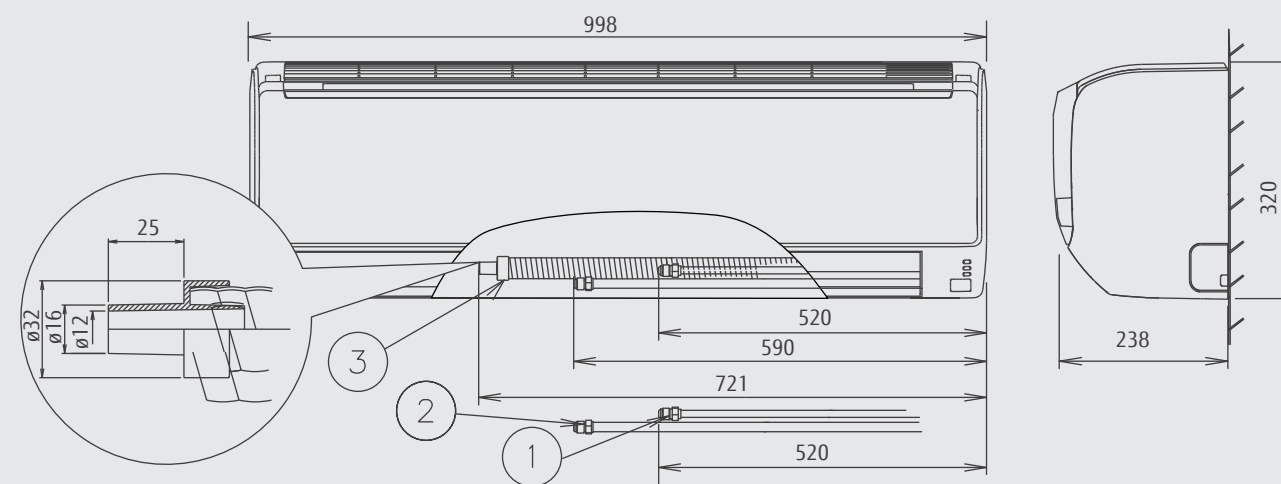
Specifications

Model No.	Indoor unit		ASAG18JFCA	ASAG24JFCA	ASAG30JFCA
	Outdoor unit		AOAG18JFC	AOAG24JFC	AOAG30JFT
Power Source	V/ Ø/Hz		230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	5.2(0.9-6.0)	6.9(0.9-8.0)	7.9(2.9-9.0)
		BTU/h	17,700	23,500	27,000
Input Power	Cooling	kW	1.52	2.06	2.36
EER	Cooling	W/W	3.42	3.35	3.35
Running Current	Cooling	A	6.8	9.1	10.4
Moisture Removal	l/h		2.6	2.7	3.2
Sound Pressure	Indoor (High)	dB(A)	43	49	49
	Outdoor		50	55	53
Airflow Rate (High)	Indoor	m³/h	900	1,120	1,120
	Outdoor		2,150	2,460	3,600
Net Dimension HxWxD	Indoor	mm	320x998x238	320x998x238	320x998x238
		kg(lbs)	14.0(31)	14.0(31)	14.0(31)
Net Weight	Outdoor	mm	620x790x290	620x790x290	830x900x330
		kg(lbs)	41.0(90)	41.0(90)	61.0(135)
Piping Connections (Small / Large)	mm		6.35/12.7	6.35/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)	mm		12.0/16.0	12.0/16.0	12.0/16.0
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
Refrigerant			R410A	R410A	R410A

Dimensions

Models: ASAG18JFCA / ASAG24JFCA / ASAG30JFCA

(Unit : mm)



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



Model : AUAG24LRLA-A / AUAG36LRLC-A



Wired R.C.



AOAG24LBTA-A

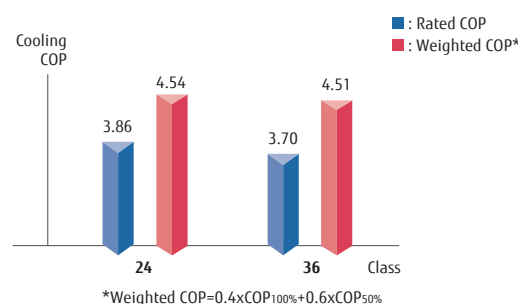


AOAG36LBTB-A



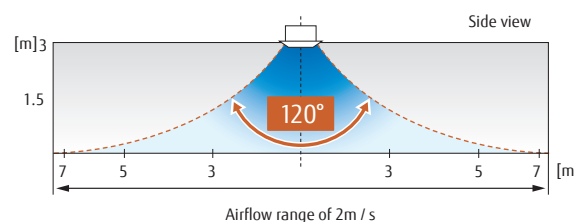
Top Class High EER

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.



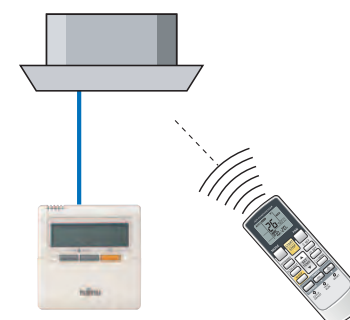
Long-Reach And Wide Angle Air Flow

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.



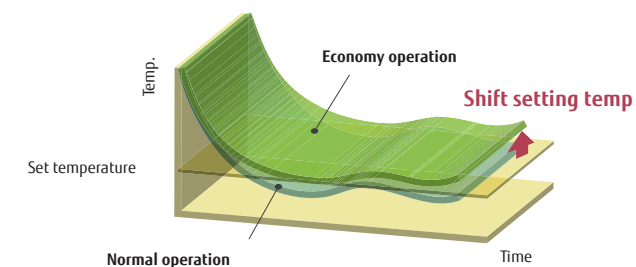
Simultaneous use of Wireless and Wired Remote Controller

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



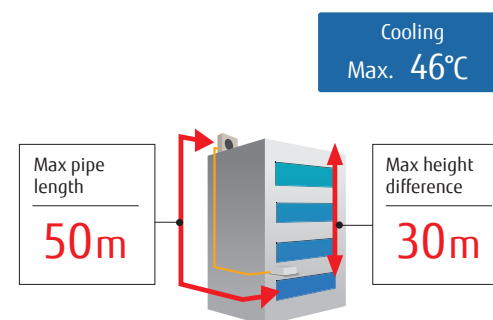
Economy Operation

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



Flexible Installations

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



Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
IR Receiver Kit:	UTY-LRHYA2 (For AUAG36LRLC-A)
Wide Panel:	UTG-AGYA-W (For AUAG36LRLC-A)
Panel Spacer:	UTG-BGYA-W (For AUAG36LRLC-A)
Air Outlet Shutter Plate:	UTR-YDZB (For AUAG24LRLA-A) UTR-YDZC (For AUAG36LRLC-A)
Insulation Kit For High Humidity:	UTZ-KXGC (For AUAG24LRLA-A) UTZ-KXGA (For AUAG36LRLC-A)
External Connect Kit:	UTY-XWZX UTY-ZWZX2 (For AUAG36LRLC-A) UTY-ZWZX3 (For AUAG36LRLC-A)
External Control Set:	UTD-ECS5A
Fresh Air Intake Kit:	UTZ-VXAA (For AUAG24LRLA-A) UTZ-VXGA (For AUAG36LRLC-A)

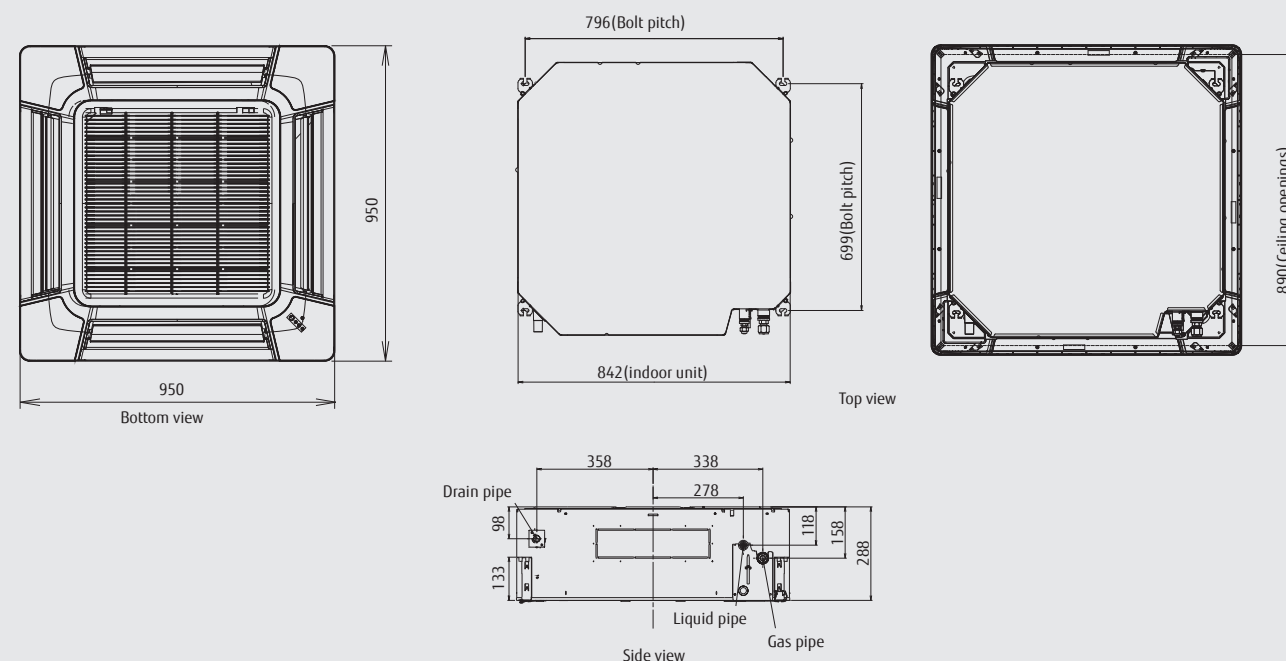
Specifications

Model No.	Indoor unit		AUAG24LRLA-A		AUAG36LRLC-A	
	Outdoor unit		AOAG24LBTA-A		AOAG36LBTB-A	
Power Source	V/ Ø /Hz		230/1/50		230/1/50	
Capacity	Cooling	kW (Min-Max)	7.10 (2.80-10.00)		10.00 (4.00-14.00)	
		Btu/h (Min-Max)	24,200 (9,500-34,100)		34,100 (13,700-47,800)	
	Heating	kW (Min-Max)	8.00 (2.70-11.20)		11.20 (4.20-16.20)	
		Btu/h (Min-Max)	27,200 (9,200-38,200)		38,200 (14,300-55,300)	
Input Power	Cooling/Heating	kW (Max)	1.84 (3.88) / 1.86 (3.88)		2.70 (4.70) / 2.60 (4.70)	
EER	Cooling		3.86		3.70	
COP	Heating	W/W	4.30		4.31	
Running Current	Cooling/Heating	A (Max)	8.1 (17.0) / 8.2 (17.0)		11.8 (20.5) / 11.4 (20.5)	
Moisture Removal		l/h	2.1		3.6	
Sound Pressure (Cooling)	Indoor (High)	dB(A)	40		46	
	Outdoor		51		53	
Airflow Rate (Cooling)	Indoor (High)	m³/h	1,600		1,900	
	Outdoor		3,600		6,750	
Net Dimension HxWxD	Indoor unit	mm	288x840x840 / 50x950x950		288x840x840 / 50x950x950	
		kg (lbs)	23.0(50) / 5.5(12)		26.0(57) / 5.5(12)	
Net Weight	Outdoor unit	mm	830 x 900 x 330		1,260 x 900 x 330	
		kg (lbs)	61.0(135)		86.0(190)	
Piping Connections (Small / Large)		mm	9.52/15.88		9.52/15.88	
Drain Pipe Diameter (I.D./O.D.)		mm	25/32		25/32	
Max Pipe Length (Pre-Charge)		m	50 (20)		50 (20)	
Max Height Difference			30		30	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant			R410A		R410A	
Cassette Grille			UTG-UGYA-W		UTG-UGYA-W	

Dimensions

Models: AUAG24LRLA-A / AUAG36LRLC-A

(Unit : mm)



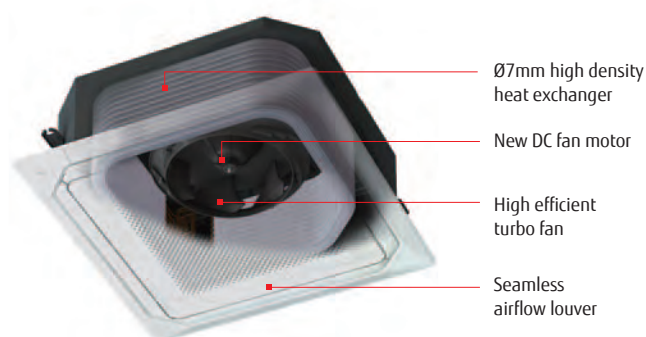


NEW Model : AUAG36LRD-A / AUAG45LRD-A



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.



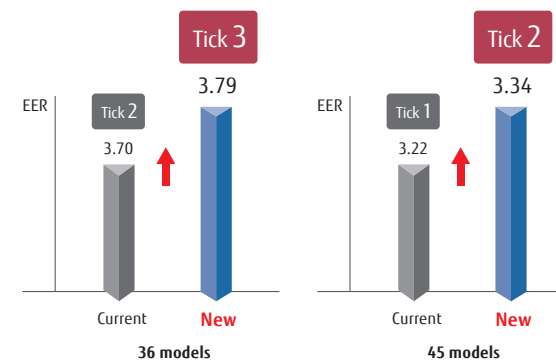
Uniform temperature air conditioning

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



High energy efficiency

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



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



Wireless remote control

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



Optional parts

- Touch Panel Wired Remote Controller (Two wires): UTY-RNRYZ1
- High Grade Wired Remote Controller (Three wires): UTY-RVNYM
- Standard Wired Remote Controller (Three wires): UTY-RNNYM
- Simple Remote Controller (Three wires): UTY-RSNYM
- Human Sensor Kit: UTY-SHZXC
- External input and output PCB: UTY-XCSX
- External input and output PCB box: UTZ-GXRA
- External Connect Kit: UTY-XWZXZG
- Fresh Air Intake Kit: UTZ-VXRA
- Insulation Kit for High Humidity : UTZ-KXRA
- Air Outlet Shutter Plate: UTR-YDZK
- Wide Panel: UTG-AKXA-W
- Panel Space Kit: UTG-BKXA-W

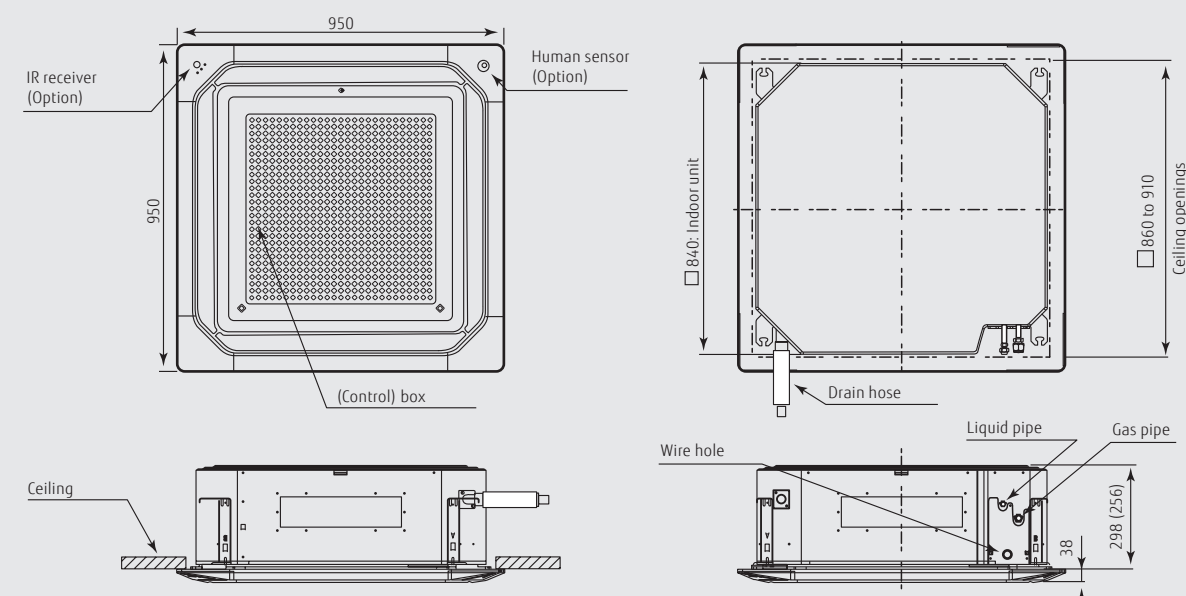
Specifications

Model No.	Indoor unit		AUAG36LRD-A		AUAG45LRD-A	
	Outdoor unit		AOAG36LBT-A		AOAG45LBT-A	
Power Source	V/ Ø /Hz		230/1/50		230/1/50	
Capacity	Cooling	kW (Min-Max)	9.70 (4.00-13.50)		11.70 (4.00-14.00)	
		Btu/h (Min-Max)	33,100 (13,600-46,100)		39,900 (13,600-47,800)	
	Heating	kW (Min-Max)	11.2 (4.20-15.70)		14.0 (4.20-16.20)	
		Btu/h (Min-Max)	38,200 (14,300-53,600)		47,800 (14,300-55,300)	
Input Power	Cooling/Heating	kW (Max)	2.56 (4.70) / 2.45 (4.70)		3.50 (4.70) / 3.73 (4.70)	
EER	Cooling		3.79		3.34	
COP	Heating	W/W	4.41		3.75	
Running Current	Cooling/Heating	A	11.2 / 10.9		15.5 / 16.5	
Moisture Removal		l/h	2.00		3.50	
Sound Pressure (Cooling)	Indoor (High)	dB(A)	46		46	
	Outdoor		53		55	
Airflow Rate (Cooling)	Indoor (High)	m ³ /h	2,000		2,000	
	Outdoor		6,200		6,750	
Net Dimension H×W×D	Indoor unit / Grille	mm	288×840×840 / 53×950×950		288×840×840 / 53×950×950	
		kg	29 / 6		29 / 6	
Net Weight	Outdoor unit	mm	1,290×900×330		1,290×900×330	
		kg	86		86	
Piping Connections (Small / Large)		mm	9.52 / 15.88		9.52 / 15.88	
Drain Pipe Diameter (I.D./O.D.)		mm	25 / 32		25 / 32	
Max Pipe Length (Pre-Charge)		m	50 (20)		50 (20)	
Max Height Difference			30		30	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant			R410A		R410A	
Cassette Grille			UTG-UKAASW		UTG-UKAASW	

Dimensions

Models: AUAG36LRD-A / AUAG45LRD-A

(Unit : mm)

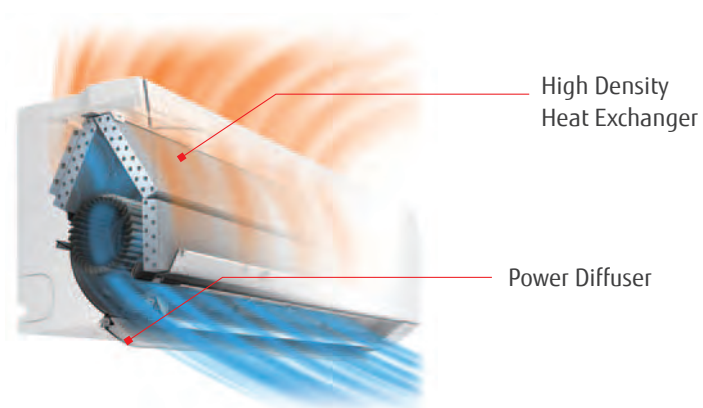




Model : ASMG09CMCA / ASMG12CMCA / ASMG18CMCA / ASMG24CMCA



Powerful cooling



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.



Energy saving control

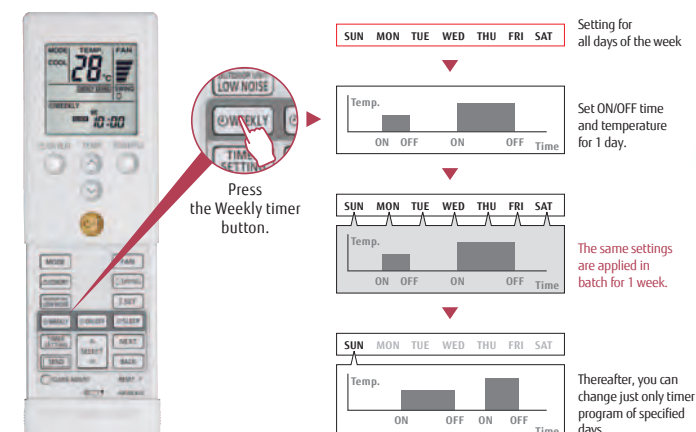
A human sensor senses the movement of humans to reduce operation when no one is in the room. The wasteful consumption of energy is reduced automatically to keep down electricity bills.



Automatic operation to match your lifestyle during the week

3 Mode timer (weekly/Program/Sleep)

Planned schedule operation can be set easily to match your lifestyle to save energy by reducing wasteful operation.



Human sensor's coverage



New efficient refrigerant

New products adopt the new refrigerant R32. It performs better and is more energy saving than previous refrigerants.



Optional parts

Wired Remote Controller:	UTY-RNNYM
	UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Communication kit:	UTY-XCBXZ2
Wireless LAN Interface:	UTY-TFNXZ3

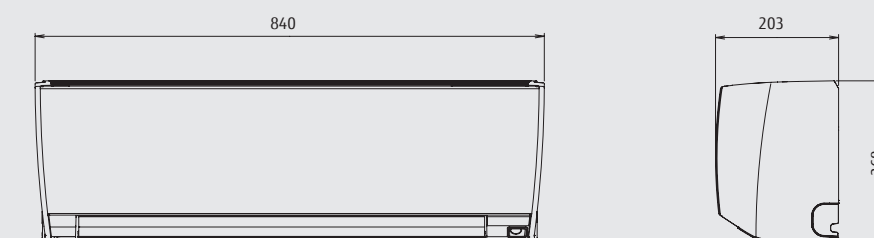
Specifications

Model No.	Indoor unit		ASMG09CMCA	ASMG12CMCA	ASMG18CMCA	ASMG24CMCA
	Outdoor unit		AOMG09CMCA	AOMG12CMCA	AOMG18CMCA	AOMG24CMCA
Power Source		V/Ø/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Capacity	Cooling	kW	2.5(0.9-3.6)	3.5(0.9-4.1)	5.0(0.9-5.8)	7.1(0.9-8.3)
		BTU/h	8,500(3,100-12,200)	11,900(3,100-13,900)	17,100(3,100-19,700)	23,500(3,100-28,300)
Input Power	Cooling	kW	0.52	0.88	1.24	2.05
EER	Cooling	W/W	4.81	3.98	4.03	3.37
Running Current	Cooling	A	3.0	4.8	5.8	9.4
Moisture Removal		l/h	1.3	1.8	2.6	2.7
Sound Pressure	Indoor (High)	dB(A)	40	42	46	49
	Outdoor		47	49	47	52
Airflow Rate (High)	Indoor	m³/h	700	720	930	1,120
	Outdoor		1,700	1,940	2,050	2,660
Net Dimension HxWxD	Indoor	mm	268x840x203	268x840x203	295x940x270	295x940x270
Net Weight	Indoor	kg(lbs)	8.5(19)	8.5(19)	14.0(31)	14.0(31)
	Outdoor	mm	540x790x290	540x790x290	620x790x290	620x790x290
	Outdoor	kg(lbs)	33.0(73)	33.0(73)	39.0(86)	39.0(86)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.7
Drain Pipe Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)		m	20(20)	20(20)	30(20)	30(20)
Max Height Difference			15	15	20	20
Operation Range	Cooling	°CDB	18 to 46	18 to 46	18 to 46	18 to 46
Refrigerant			R32	R32	R32	R32

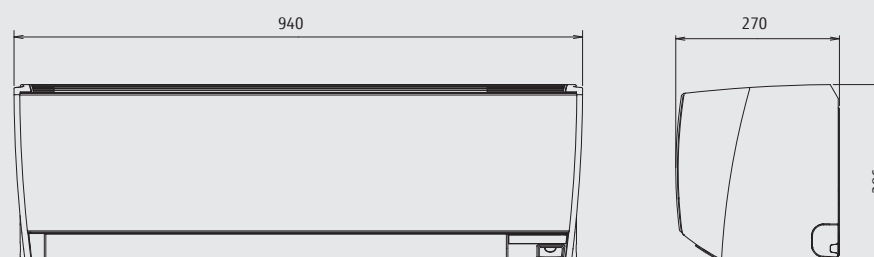
Dimensions

Models: ASMG09CMCA / ASMG12CMCA

(Unit : mm)



Models: ASMG18CMCA / ASMG24CMCA





Model : ASMG30CMTA



Wireless R.C.



AOMG30CMTA



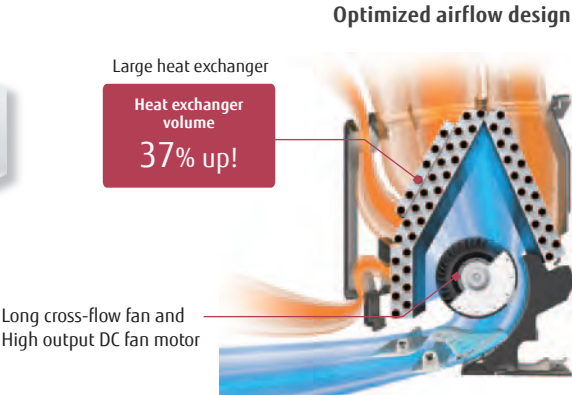
Large Capacity & Powerful airflow

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



Airflow
25% up!

Optimized airflow design



Large heat exchanger
Heat exchanger
volume
37% up!

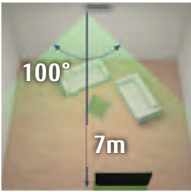
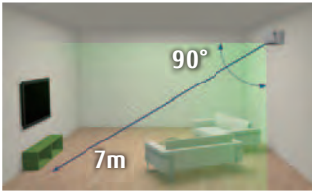
Long cross-flow fan and
High output DC fan motor

Energy saving control

A human sensor senses the movement of humans to reduce operation when no one is in the room. The wasteful consumption of energy is reduced automatically to keep down electricity bills.



Human sensor's coverage



New efficient refrigerant

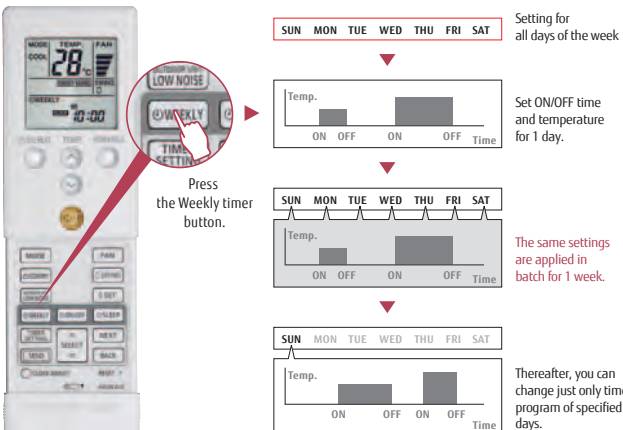
New products adopt the new refrigerant R32. It performs better and is more energy saving than previous refrigerants.



Automatic operation to match your lifestyle during the week

3 Mode timer (weekly/Program/Sleep)

Planned schedule operation can be set easily to match your lifestyle to save energy by reducing wasteful operation.



Optional parts

- Wired Remote Controller (Touch panel (two-wire)): UTY-RNRYZ1+UTY-TWRX
- Wired Remote Controller (High grade (three-wire)): UTY-RVNYM+UTY-XWNX
- Wired Remote Controller (two-wire): UTY-RLRY+UTY-TWRX
- Wired Remote Controller(three-wire): UTY-RNNYM+UTY-XWNX
- Simple Remote Controller (three-wire): UTY-RSNYM+UTY-XWNX
- External input and output PCB (with box): UTY-XCSXZ1+UTZ-GXXB
- External Connect Kit: UTY-XWZX
- Wireless LAN Interface: UTY-TFNXZ3

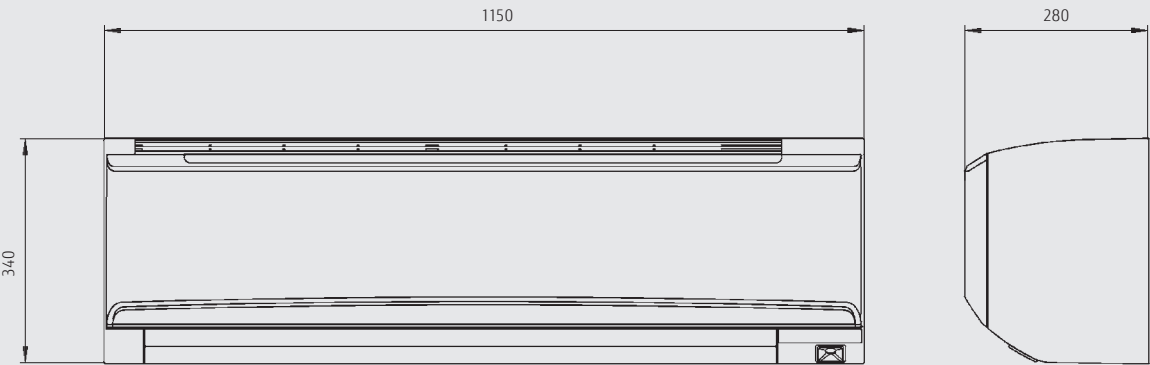
Specifications

Model No.	Indoor unit		ASMG30CMTA
	Outdoor unit		AOMG30CMTA
Power Source		V/ Ø/Hz	220/1/50
Capacity	Cooling	kW	8.30(2.90-10.5)
		BTU/h	28,300(9,900-35,800)
Input Power	Cooling	kW	2.46
EER	Cooling	W/W	3.37
Running Current	Cooling	A	11.4
Moisture Removal		l/h	2.5
Sound Pressure	Indoor (High)	dB(A)	51
	Outdoor		51
Airflow Rate (High)	Indoor	m³/h	1,400
	Outdoor		3,100
Net Dimension HxWxD	Indoor	mm	340x1,150x280
		kg (lbs)	18(39)
Net Weight	Outdoor	mm	830x900x330
		kg (lbs)	61(134)
Piping Connections (Small / Large)			9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)		m	50(20)
Max Height Difference			30
Operation Range	Cooling	°CDB	18 to 46
Refrigerant			R32

Dimensions

Models: ASMG30CMTA

(Unit : mm)



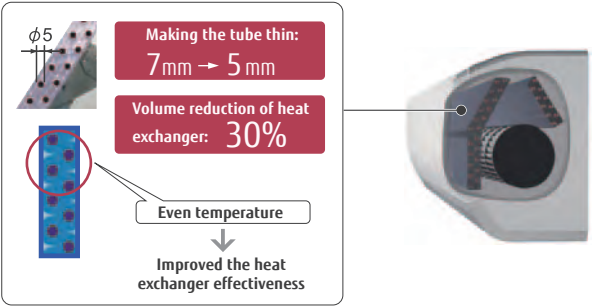


Model : ASMA09JET / ASMA12JET



High Efficient Compact Design

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



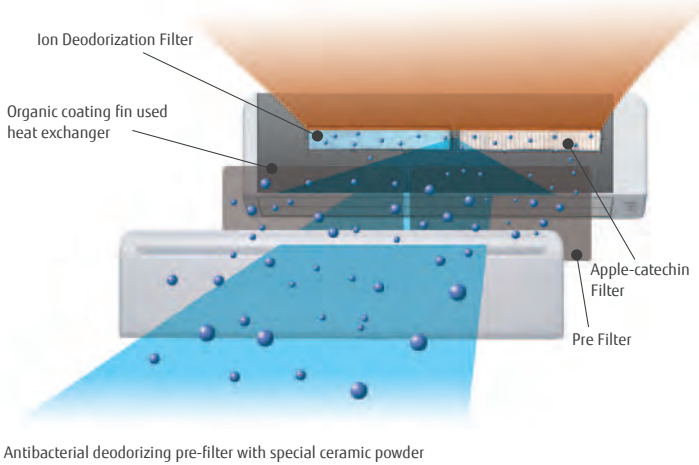
Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bed room and a study room, etc.

Fan speed
Quiet

Noise level
22dB(A)

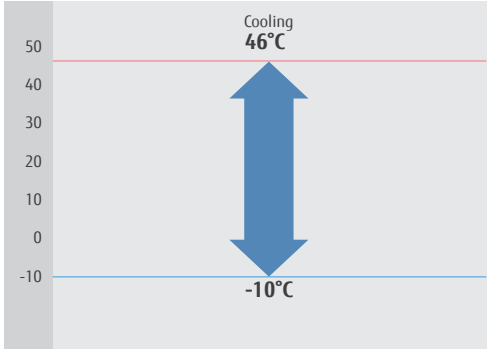
Air conditioner filter features



Easy maintenance



Low ambient operation
(Heat pump type)



Air conditioner filter features

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.

+ Using different filters at both sides

Apple-catechin Filter

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

Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
Sub Interface Board:	UTY-XCBXE
External Connect Kit:	UTY-XWZX
Wireless LAN Interface:	UTY-TFNXZ3

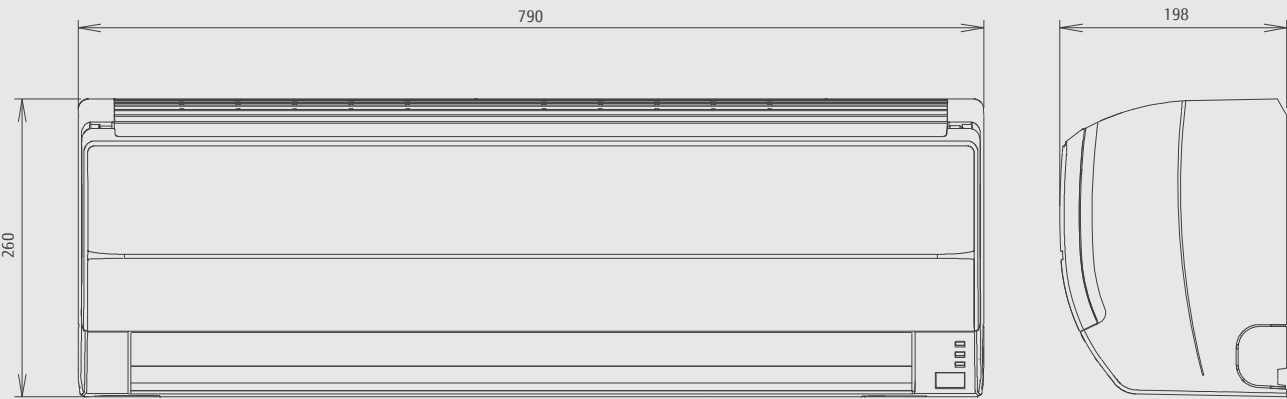
Specifications

Model No.	Indoor unit		ASMA09JET	ASMA12JET
	Outdoor unit		AOMR09JET	AOMR12JET
Power Source		V/ Ø/Hz	220/1/50	220/1/50
Capacity	Cooling	kW	2.5(0.5-3.2)	3.4(0.9-4.0)
		BTU/h	8,500	11,600
Input Power	Cooling	kW	0.72	0.97
EER	Cooling	W/W	3.47	3.51
Running Current	Cooling	A	3.7	4.7
Moisture Removal		l/h	1.3	1.8
Sound Pressure	Indoor (High)	dB(A)	43	43
	Outdoor		48	49
Airflow Rate (High)	Indoor	m³/h	750	720
	Outdoor		1,870	1,830
Net Dimension HxWxD	Indoor	mm	260x790x198	260x790x198
		kg (lbs)	7.5(17)	7.5(17)
Net Weight	Outdoor	mm	540x660x290	540x660x290
		kg (lbs)	28.0(62)	30.0(66)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe 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	15(10)	20(15)
Max Height Difference			10	15
Operation Range	Cooling	°CDB	18 to 46	18 to 46
Refrigerant			R410A	R410A

Dimensions

Models: ASMA09JET / ASMA12JET

(Unit : mm)





Model : ASMG09JLTA / ASMG12JLTA



Wireless R.C.

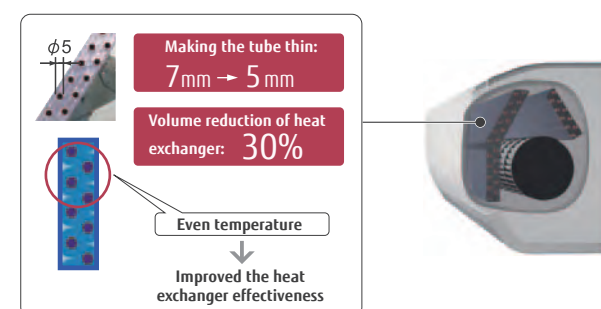


AOMG09JLTA
AOMG12JLTA



High Efficient Compact Design

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



Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bed room and a study room, etc.

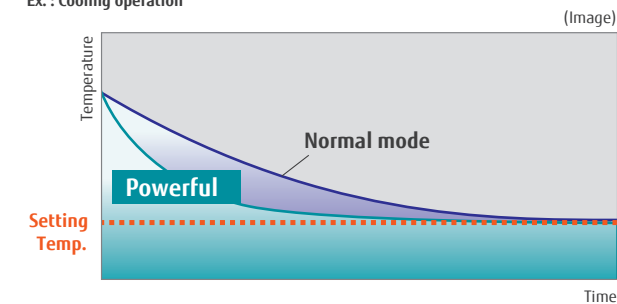
Fan speed
Quiet

Noise level
22dB(A)

Powerful operation

Reach the setting temperature quickly.

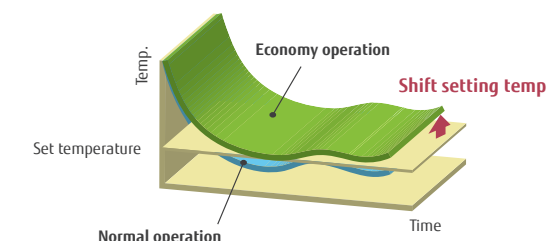
Ex. : Cooling operation



Economy operation

Setting temp. is shifted by 1°C automatically.

Ex. : Cooling operation



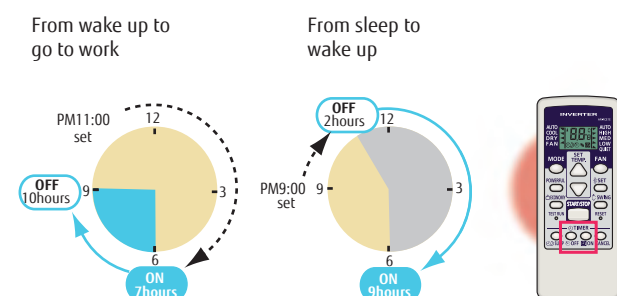
Easy maintenance

Removable & washable panel



More Convenient Timer

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



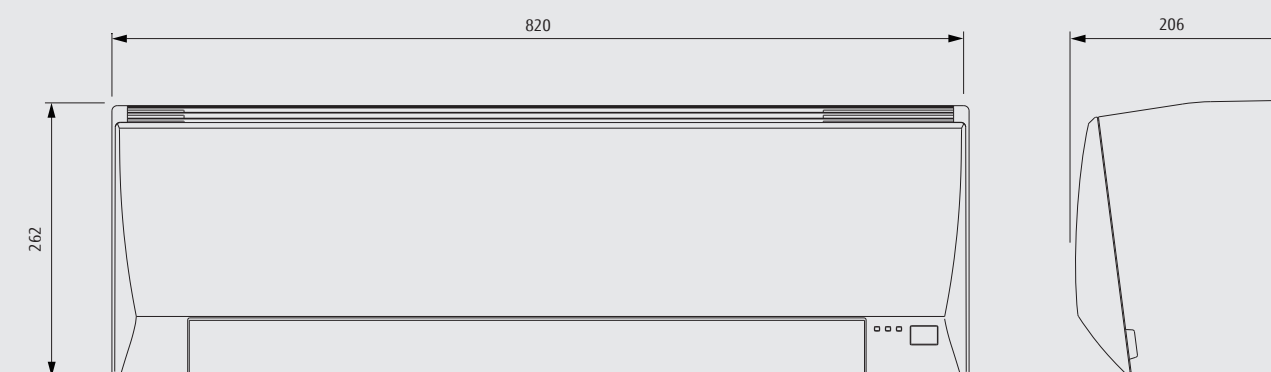
Specifications

Model No.	Indoor unit		ASMG09JLTA	ASMG12JLTA
	Outdoor unit		AOMG09JLTA	AOMG12JLTA
Power Source		V/ Ø/Hz	220/1/50	220/1/50
Capacity	Cooling	kW	2.5(0.9-3.0)	3.2(0.9-3.8)
		BTU/h	8,500	10,900
Input Power	Cooling	kW	0.72	0.93
EER	Cooling	W/W	3.47	3.44
Running Current	Cooling	A	3.6	4.8
Moisture Removal		l/h	1.3	1.8
Sound Pressure	Indoor (High)	dB(A)	43	43
	Outdoor		47	50
Airflow Rate (High)	Indoor	m³/h	720	720
	Outdoor		1,670	1,830
Net Dimension HxWxD	Indoor	mm	262x820x206	262x820x206
		kg (lbs)	7.0(15)	7.0(15)
Net Weight	Outdoor	mm	540x660x290	540x660x290
		kg (lbs)	25.0(55)	28.0(62)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)		mm	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	18 to 46	18 to 46
Refrigerant			R410A	R410A

Dimensions

Models: ASMG09JLTA / ASMG12JLTA

(Unit : mm)





Model : ASAG09LLTB-V / ASAG12LLTA-V



Wireless R.C.



AOAG09LLTB-V
AOAG12LLTA-V

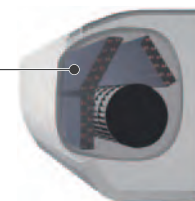
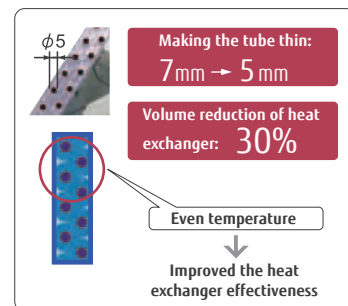


(12 model only)



High Efficient Compact Design

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



Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bedroom and a study room, etc.

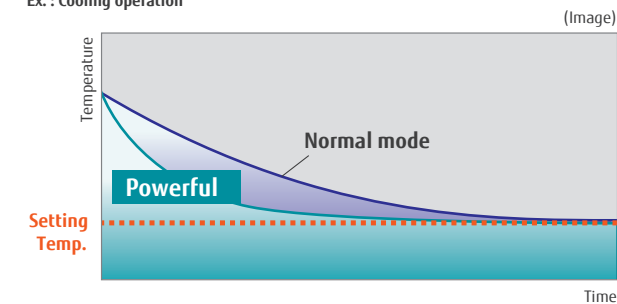
Fan speed
Quiet

Noise level
22dB(A)

Powerful operation

Reach the setting temperature quickly.

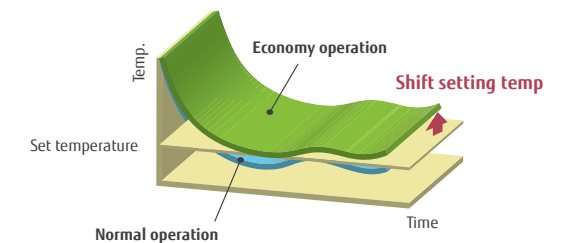
Ex. : Cooling operation



Economy operation

Setting temp. is shifted by 1°C automatically.

Ex. : Cooling operation



Easy maintenance

Removable & washable panel

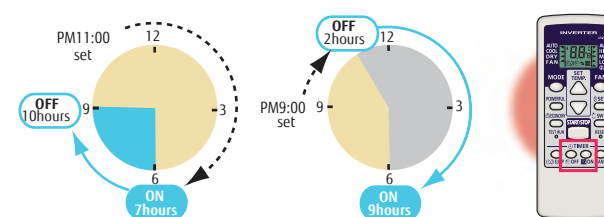


More Convenient Timer

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

From wake up to go to work

From sleep to wake up



Optional parts

Remote controller holder:

UTZ-RXLA

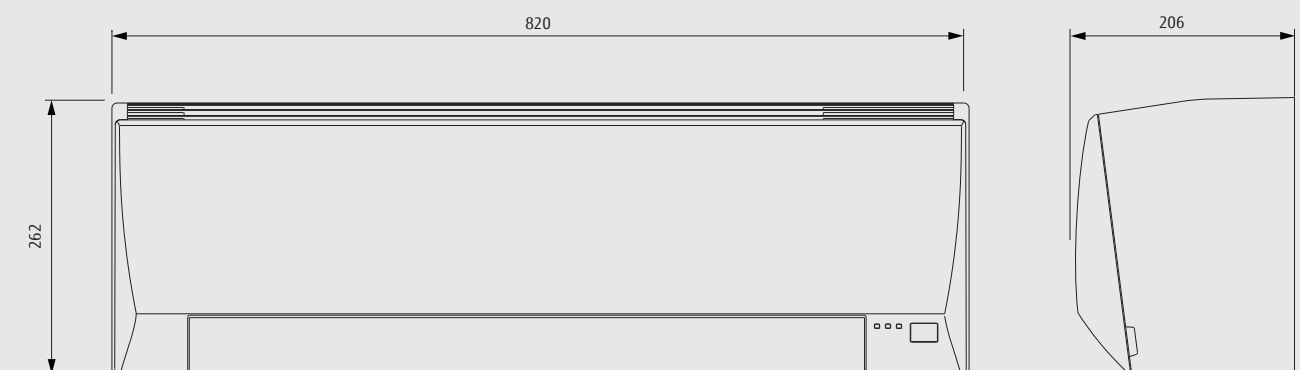
Specifications

Model No.	Indoor unit		ASAG09LLTB-V		ASAG12LLTA-V	
	Outdoor unit		AOAG09LLTB-V		AOAG12LLTA-V	
Power Source	V/ Ø/Hz		220/1/50		220/1/50	
Capacity	Cooling	kW	2.50 (0.9-3.0)		3.40 (0.9-3.8)	
		BTU/h	8,500		11,600	
	Heating	kW	3.00 (0.9-3.8)		4.00 (0.9-5.0)	
		BTU/h	10,200		13,600	
Input Power	Cooling/Heating	kW	0.720/0.740		1.060/1.130	
EER	Cooling		3.47		3.21	
COP	Heating	W/W	4.05		3.54	
Running Current	Cooling/Heating	A	3.6/3.6		5.3/5.5	
Moisture Removal		l/h	1.3		1.8	
Sound Pressure	Indoor (High)	dB(A)	43		43	
	Outdoor		47		50	
Airflow Rate (High)	Indoor	m³/h	720		720	
	Outdoor		1,670		1,830	
Net Dimension H×W×D Net Weight	Indoor	mm	262x820x206		262x820x206	
		kg (lbs)	7.0 (15)		7.0 (15)	
	Outdoor	mm	540x660x290		540x660x290	
		kg (lbs)	25.0 (55)		28.0 (62)	
Piping Connections (Small / Large)		mm	6.35/9.52		6.35/9.52	
Drain Pipe Diameter (I.D./O.D.)		mm	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	18 to 46		18 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant			R410A		R410A	

Dimensions

Models: ASAG09LLTB-V / ASAG12LLTA-V

(Unit : mm)





Model : ASAG09JLTB-V / ASAG12JLTB-V



Wireless R.C.



AOAG09JLTB-V
AOAG12JLTB-V

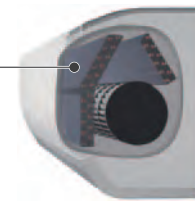
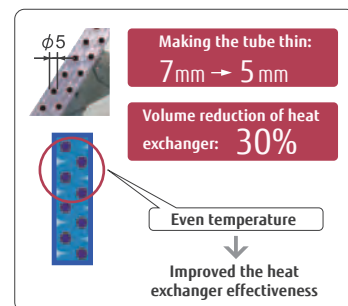


(12 model only)



High Efficient Compact Design

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



Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bed room and a study room, etc.

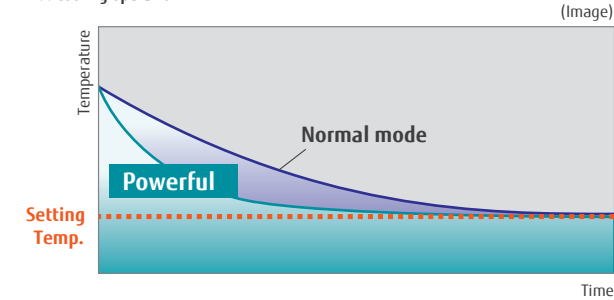
Fan speed
Quiet

Noise level
22dB(A)

Powerful operation

Reach the setting temperature quickly.

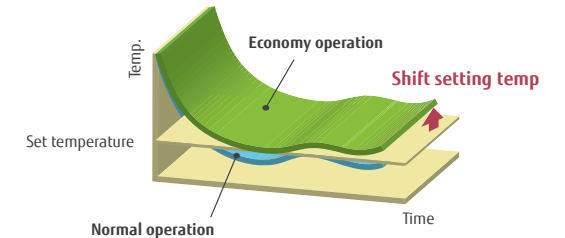
Ex. : Cooling operation



Economy operation

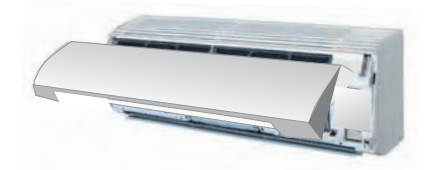
Setting temp. is shifted by 1°C automatically.

Ex. : Cooling operation



Easy maintenance

Removable & washable panel

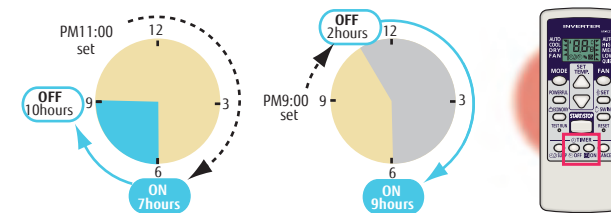


More Convenient Timer

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

From wake up to go to work

From sleep to wake up



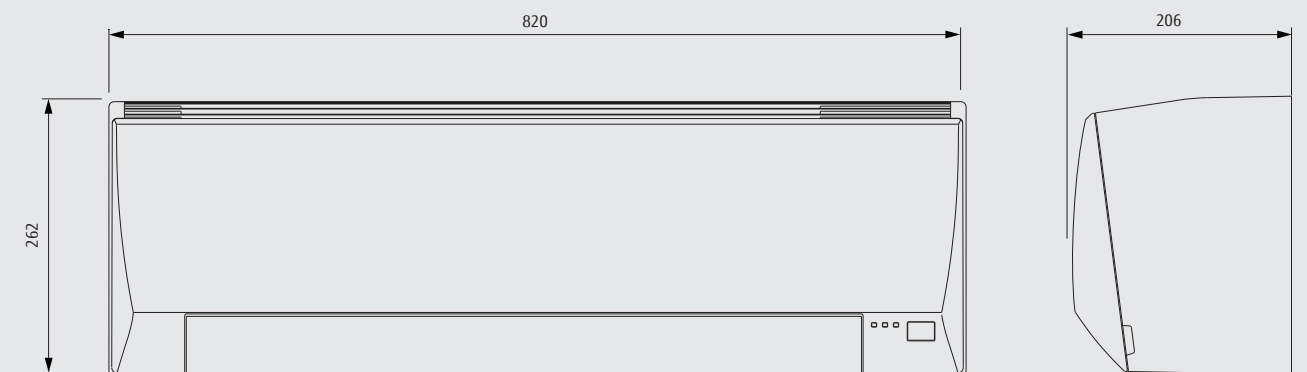
Specifications

Model No.	Indoor unit		ASAG09JLTB-V	ASAG12JLTB-V
	Outdoor unit		AOAG09JLTB-V	AOAG12JLTB-V
Power Source		V/ Ø/Hz	220/1/50	220/1/50
Capacity	Cooling	kW	2.50 (0.9-3.0)	3.40 (0.9-3.8)
		BTU/h	8,500	11,600
Input Power	Cooling	kW	0.720	1.060
EER	Cooling	W/W	3.47	3.21
Running Current	Cooling	A	3.6	5.3
Moisture Removal		l/h	1.3	1.8
Sound Pressure	Indoor (High)	dB(A)	43	43
	Outdoor	dB(A)	47	50
Airflow Rate (High)	Indoor	m³/h	720	720
	Outdoor	m³/h	740	1,830
Net Dimension H×W×D Net Weight	Indoor	mm	262x820x206	262x820x206
		kg (lbs)	7.0 (15)	7.0 (15)
	Outdoor	mm	540x660x290	540x660x290
		kg (lbs)	25.0 (55)	28.0 (62)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)		mm	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	18 to 46	18 to 46
Refrigerant			R410A	R410A

Dimensions

Models: ASAG09JLTB-V / ASAG12JLTB-V

(Unit : mm)



Model : ASAG09JLCA / ASAG12JLCA



Wireless R.C.

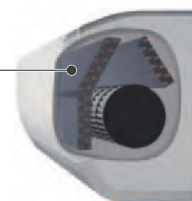
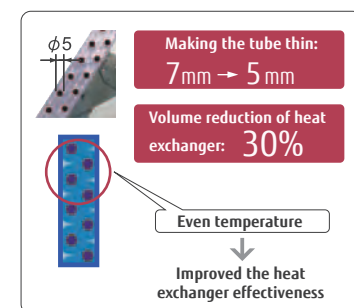


AOAG09JLCA
AOAG12JLCA



High Efficient Compact Design

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



Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bed room and a study room, etc.

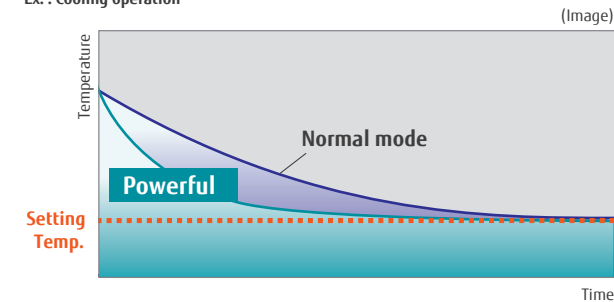
Fan speed
Quiet

Noise level
22dB(A)

Powerful operation

Reach the setting temperature quickly.

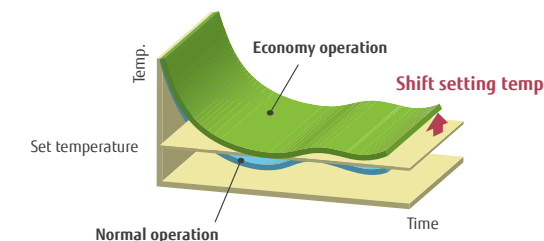
Ex. : Cooling operation



Economy operation

Setting temp. is shifted by 1°C automatically.

Ex. : Cooling operation

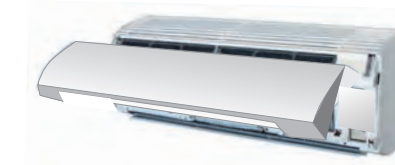
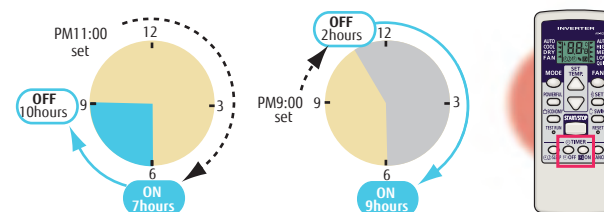


More Convenient Timer

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

From wake up to go to work

From sleep to wake up



Easy maintenance

Removable & washable panel

Optional parts

Protective net:

UTZ-NXCA

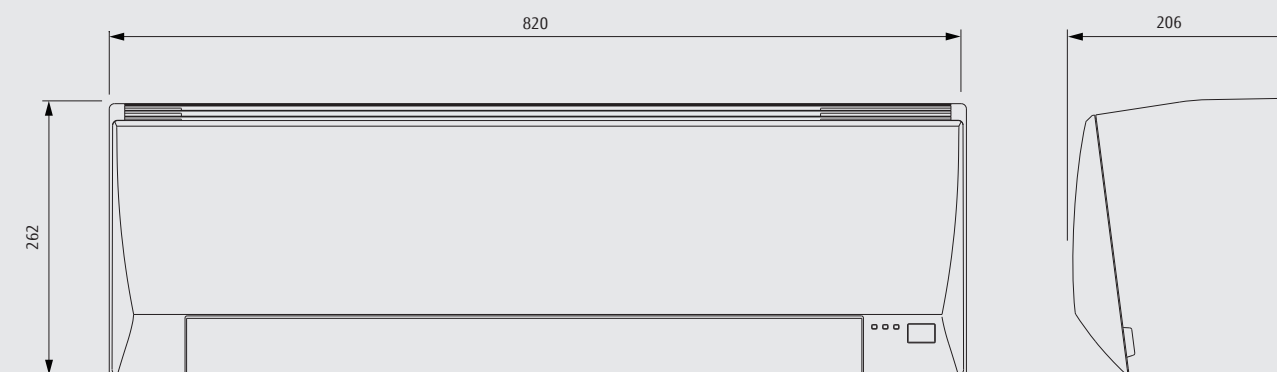
Specifications

Model No.	Indoor unit		ASAG09JLCA	ASAG12JLCA
	Outdoor unit		AOAG09JLCA	AOAG12JLCA
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling	kW	2.5	3.5
		BTU/h	8,500	11,900
Input Power	Cooling	kW	0.73	1.095
EER	Cooling	W/W	3.42	3.20
Running Current	Cooling	A	3.8	5.1
Moisture Removal		l/h	1.3	1.8
Sound Pressure	Indoor (High)	dB(A)	43	43
	Outdoor	dB(A)	48	52
Airflow Rate (High)	Indoor	m³/h	720	720
	Outdoor	m³/h	1,710	1,850
Net Dimension H×W×D	Indoor	mm	262x820x206	262x820x206
	Indoor	kg(lbs)	7.0 (15)	7.0 (15)
Net Weight	Outdoor	mm	535x663x293	535x663x293
	Outdoor	kg(lbs)	24.0 (53)	26.0 (57)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe 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	15(10)	15(10)
Max Height Difference		m	10	10
Operation Range	Cooling	°CDB	18 to 46	18 to 46
Refrigerant			R410A	R410A

Dimensions

Models: ASAG09JLCA / ASAG12JLCA

(Unit : mm)



INVERTER

WALL MOUNTED

Model : ASAA18JCC / ASAA24JCC / ASAA30JCC



Wireless R.C.

AOAR18JCC
AOAR24JCC

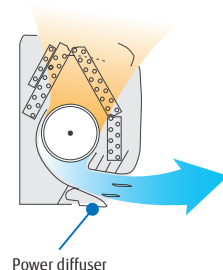
AOAR30JCT



Comfort airflow

Power diffuser

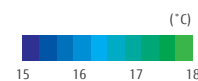
"Horizontal airflow" does not blow cool air directly at the occupants in the room



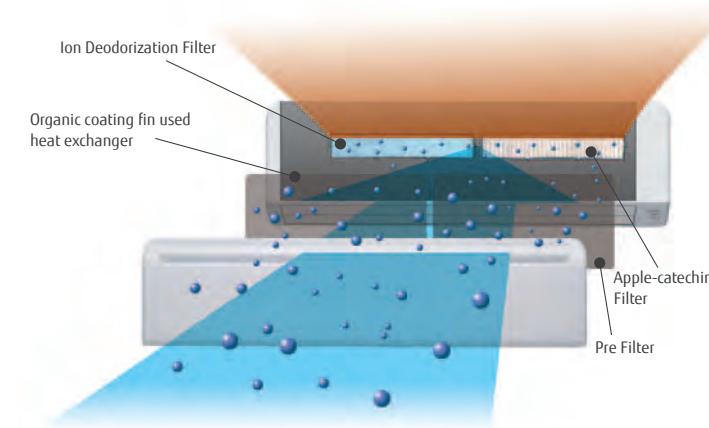
Power diffuser



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



Air conditioner filter features



Antibacterial deodorizing pre-filter with special ceramic powder

Air conditioner filter features



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.

✚ Using different filters at both sides



Apple-catechin Filter

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

Flexible Installation

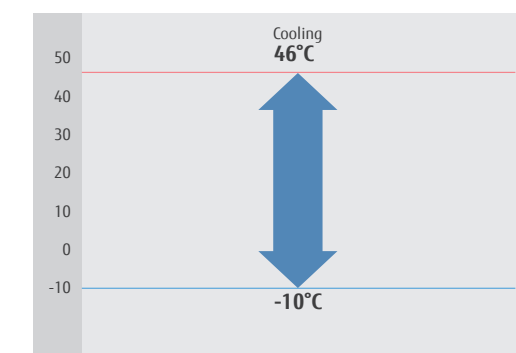
	18 type	24 type	30 type
Max. Piping Length	25m	30m	50m
Max. Height	20m	20m	30m

Easy maintenance

Simplification of drain pan cleaning improves maintenance-ability.

Low ambient operation

(Heat pump type)



Optional parts

Wired Remote Controller:

UTB-YUD

External Connect Kit:

UTY-XWZX

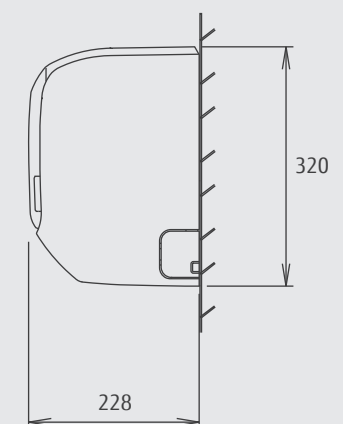
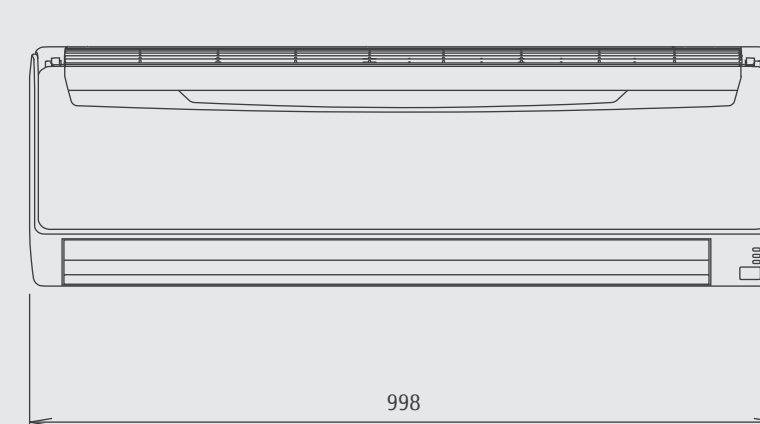
Specifications

Model No.	Indoor unit		ASAA18JCC	ASAA24JCC	ASAA30JCC
	Outdoor unit		AOAR18JCC	AOAR24JCC	AOAR30JCT
Power Source		V/ Ø/Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	5.2	7.1	8.0
		BTU/h	17,700	24,200	27,300
Input Power	Cooling	kW	1.48	2.45	2.66
EER	Cooling	W/W	3.51	2.9	3.01
Running Current	Cooling	A	6.6	10.8	11.7
Moisture Removal		l/h	2.8	3.0	3.0
Sound Pressure	Indoor (High)	dB(A)	43	47	49
	Outdoor		50	56	53
Airflow Rate (High)	Indoor	m³/h	900	1,100	1,100
	Outdoor		2,070	2,640	3,600
Net Dimension HxWxD	Indoor	mm	320x998x228	320x998x228	320x998x228
		kg (lbs)	14.0 (31)	14.0 (31)	14.0 (31)
Net Weight	Outdoor	mm	620x790x298	620x790x298	830x900x330
		kg (lbs)	40.0 (88)	40.0 (88)	58.0 (128)
Piping Connections (Small / Large)		mm	6.35/12.7	6.35/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	16.0/29.0	16.0/29.0	16.0/29.0
Max Pipe Length (Pre-Charge)		m	30(15)	30(15)	30(20)
Max Height Difference			20	20	20
Operation Range	Cooling	°CDB	18 to 46	18 to 46	18 to 46
Refrigerant			R410A	R410A	R410A

Dimensions

Models: ASAA18JCC / ASAA24JCC / ASAA30JCC

(Unit : mm)



Model : AUAG12LVLB / AUAG18LVLB / AUAG24LVLA



Grille is an option



Wireless R.C.



AOAG12LBLA
AOAG18LBLA
AOAG24LALA



2-stage turbo fan

High efficiency design by 2 stage structure

Wind velocity

Fast

Slow

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

A 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

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

Designed by CFD-analysis (fluid) simulations

Laminar wing

Airflow runs through smoothly along the laminar wing

No airflow separation

Quiet

Adoption of laminar wing

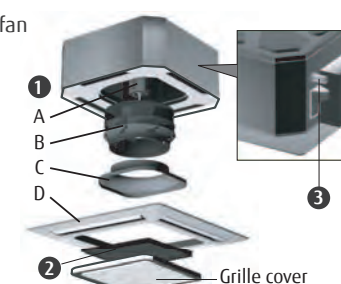
Spin direction ← Airflow direction →

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

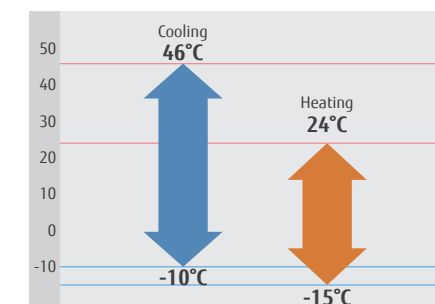
③ Adaptation of transparent drainage parts

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

High lift drain pump



Low ambient operation



Compact design

Worlds first 24,000Btu model in the compact cassette category
(Easy installation by taking off ceiling panel of 600 x 600 size)

Previous model

830 830

24 type

→

New model

590 590

570 570

24 type

Optional parts

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

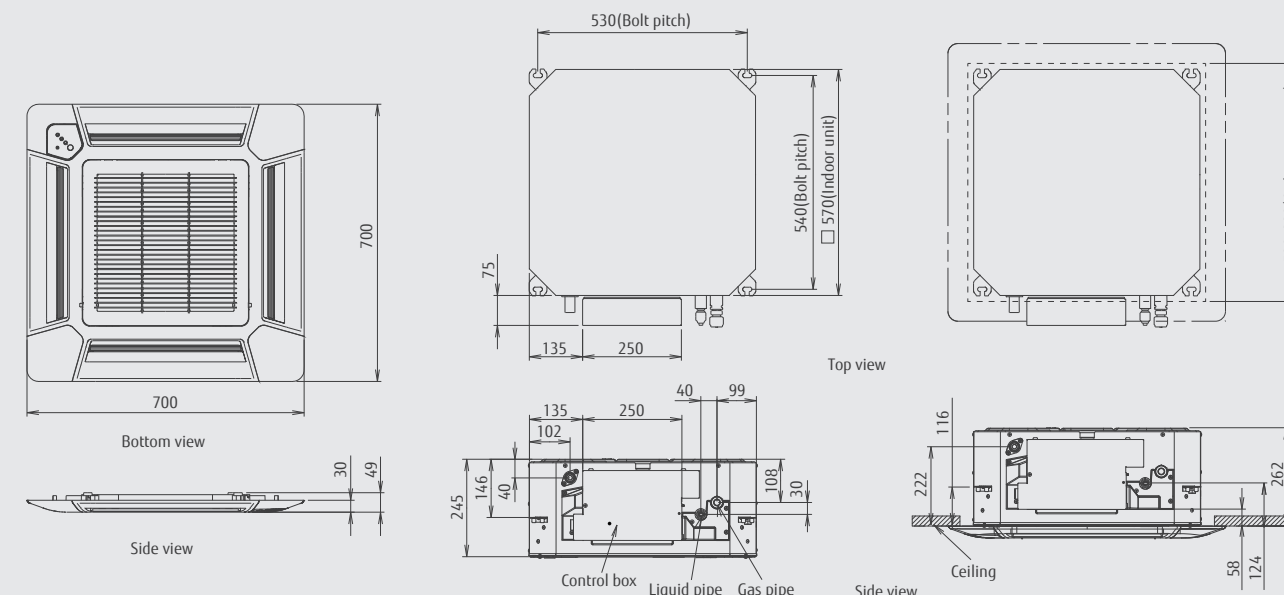
Specifications

Model No.	Indoor unit		AUAG12LVLB	AUAG18LVLB	AUAG24LVLA
	Outdoor unit		AOAG12LBLA	AOAG18LBLA	AOAG24LALA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	3.50	5.20	6.80
		BTU/h	11,950	17,700	23,200
	Heating	kW	4.10	6.00	8.00
		BTU/h	14,000	20,500	27,300
Input Power	Cooling/Heating	kW	0.99/1.11	1.55/1.66	2.21/2.26
EER	Cooling		3.54	3.35	3.08
COP	Heating	W/W	3.69	3.61	3.54
Running Current	Cooling/Heating	A	4.5/5.1	7.0/7.4	9.7/9.9
Moisture Removal		l/h	1.2	2.2	2.7
Sound Pressure	Indoor (High)	dB(A)	37	38	49
	Outdoor		47	50	52
Airflow Rate (High)	Indoor	m³/h	600	680	930
	Outdoor		1,700	2,000	2,470
Net Dimension H×W×D	Indoor / Grille	mm	245×570×570/50×700×700	245×570×570/50×700×700	245×570×570/50×700×700
		kg (lbs)	15.0(33)/2.6(6)	15.0(33)/2.6(6)	16.0(35)/2.6(6)
	Outdoor	mm	578×790×300	578×790×300	578×790×315
		kg (lbs)	40.0(88)	40.0(88)	44.0(97)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/12.70	6.35/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	19.4/25.4	19.4/25.4	19.4/25.4
Max Pipe Length (Pre-Charge)		m	25(15)	25(15)	30(15)
Max Height Difference			15	20	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W

Dimensions

Models: AUAG12LVLB / AUAG18LVLB / AUAG24LVLA

(Unit : mm)

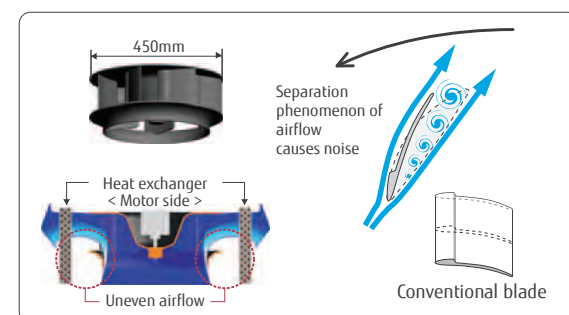


Model : AUAG30LRLA / AUAG36LRLA / AUAG45LRLA / AUAG54LRLA

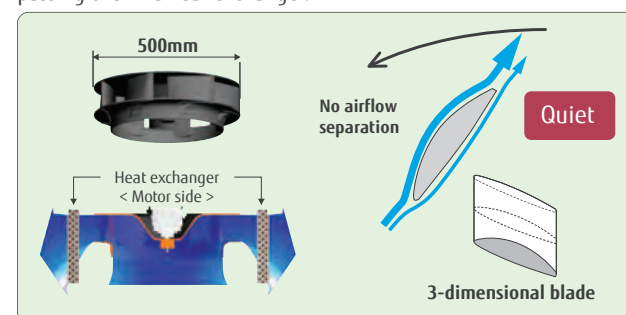


High efficiency turbo fan with 3-dimensional blade

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.



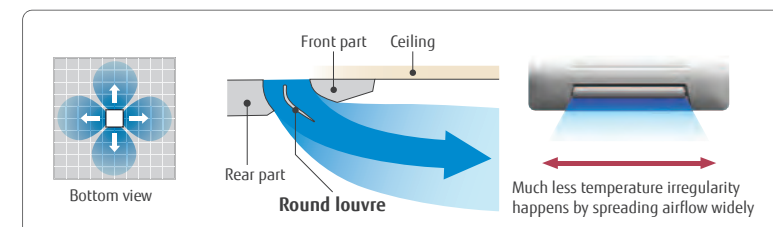
← Spin direction → Airflow direction → Turbulent flow noise

Specifications

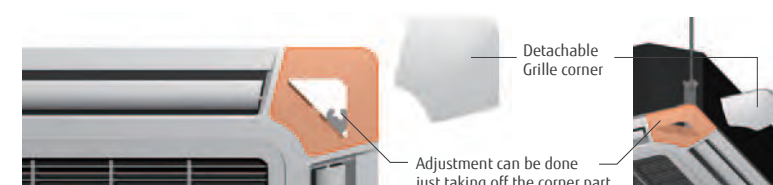
Model No.	Indoor unit		AUAG30LRLA	AUAG36LRLA	AUAG45LRLA	AUAG54LRLA
	Outdoor unit		AOAG30LBTA	AOAG36LBTA	AOAG45LBTA	AOAG54LBTA
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	8.50	10.00	12.50	13.3
		BTU/h	29,000	34,100	42,700	45,400
	Heating	kW	10.00	11.20	14.00	16.0
		BTU/h	34,100	38,200	47,800	54,600
Input Power	Cooling/Heating	kW	2.65/2.77	3.12/3.02	3.90/3.77	4.42/4.69
EER	Cooling		3.21	3.21	3.21	3.01
COP	Heating	W/W	3.61	3.71	3.71	3.41
Running Current	Cooling/Heating	A	11.6/12.2	13.7/13.3	17.0/16.5	19.3/20.5
Moisture Removal		l/h	2.5	3.5	4.5	5.0
Sound Pressure	Indoor (High)	dB(A)	40	43	46	47
	Outdoor		53	54	55	55
Airflow Rate (High)	Indoor	m³/h	1,600	1,800	1,900	2,000
	Outdoor		3,600	3,800	6,750	6,750
Net Dimension H×W×D	Indoor / Grille	mm	288x840x840/50x950x950	288x840x840/50x950x950	288x840x840/50x950x950	288x840x840/50x950x950
		kg(lbs)	26.0(57)/5.5(12)	26.0(57)/5.5(12)	27.0(60)/5.5(12)	27.0(60)/5.5(12)
Net Weight	Outdoor	mm	830x900x330	830x900x330	1290×900×330	1290×900×330
		kg(lbs)	61.0(135)	61.0(135)	88.0(194)	88.0(194)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0
Max Pipe Length (Pre-Charge)		m	50(20)	50(20)	50(20)	50(20)
Max Height Difference			30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A
Cassette Grille			UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W

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 air flow distribution.

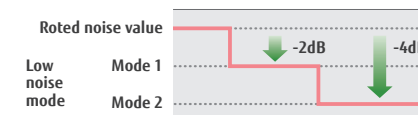


Adjustment of hanger position is possible after installation



Low noise mode of outdoor unit (45/54 types)

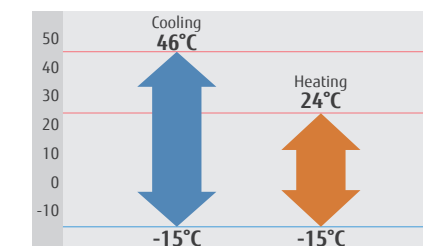
2 stage low noise mode can be selected. (Option)



High lift drain pump



Low ambient operation



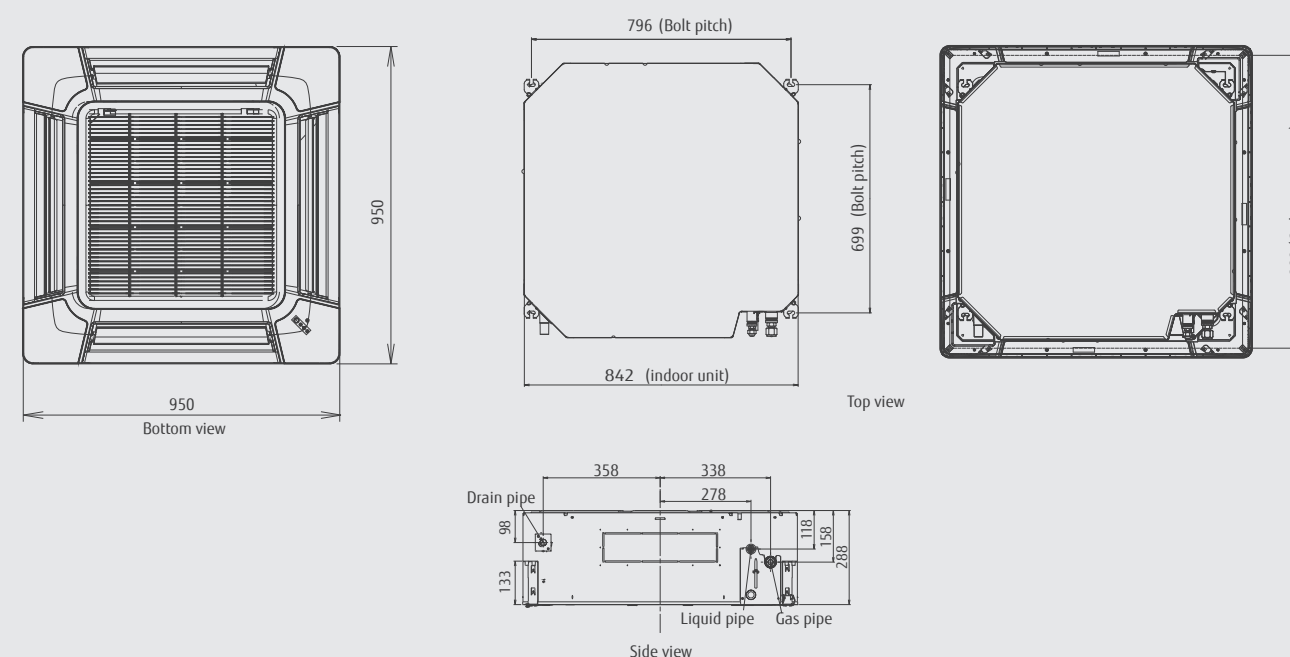
Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
IR Receiver Kit:	UTY-LRHYA2
Wide Panel:	UTG-AGYA-W
Panel Spacer:	UTG-BGYA-W
Air Outlet Shutter Plate:	UTR-YDZC
Insulation Kit For High Humidity:	UTZ-KXGA
External Connect Kit:	UTY-XWZX
	UTY-XWZXZ2
	UTY-XWZXZ3
External Control Set:	UTD-ECS5A
Fresh Air Intake Kit:	UTZ-VXGA

Dimensions

Models: AUAG30LRLA / AUAG36LRLA / AUAG45LRLA / AUAG54LRLA

(Unit : mm)



INVERTER

FLOOR/CEILING UNIVERSAL

Model : ABAG18LVTA / ABAG24LVTA

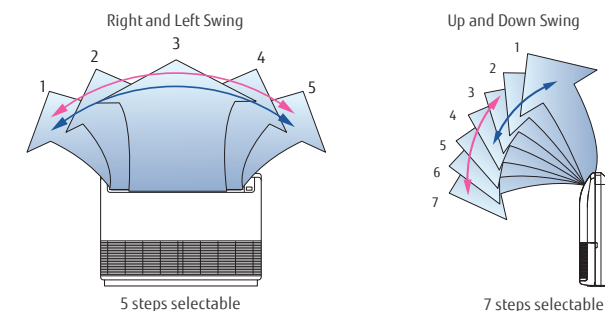


Wireless R.C.

AOAG18LBLA
AOAG24LALA

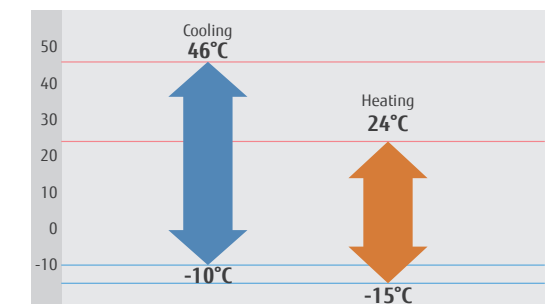
Double auto swing

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

Low ambient operation



Flexible installation

Example for floor installation

Floor console



Example for ceiling installation

Under ceiling



Easy installation

Main work settings can be done easily from the remote controller at installation

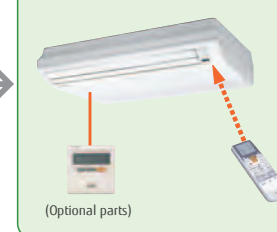
- Main work settings**
- High ceiling setting
 - Auto restart
 - Temperature adjustment when cooling / heating

Conventional type

Setting by DIP switch inside control box



Setting by wireless or wired remote controller



Optional parts

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

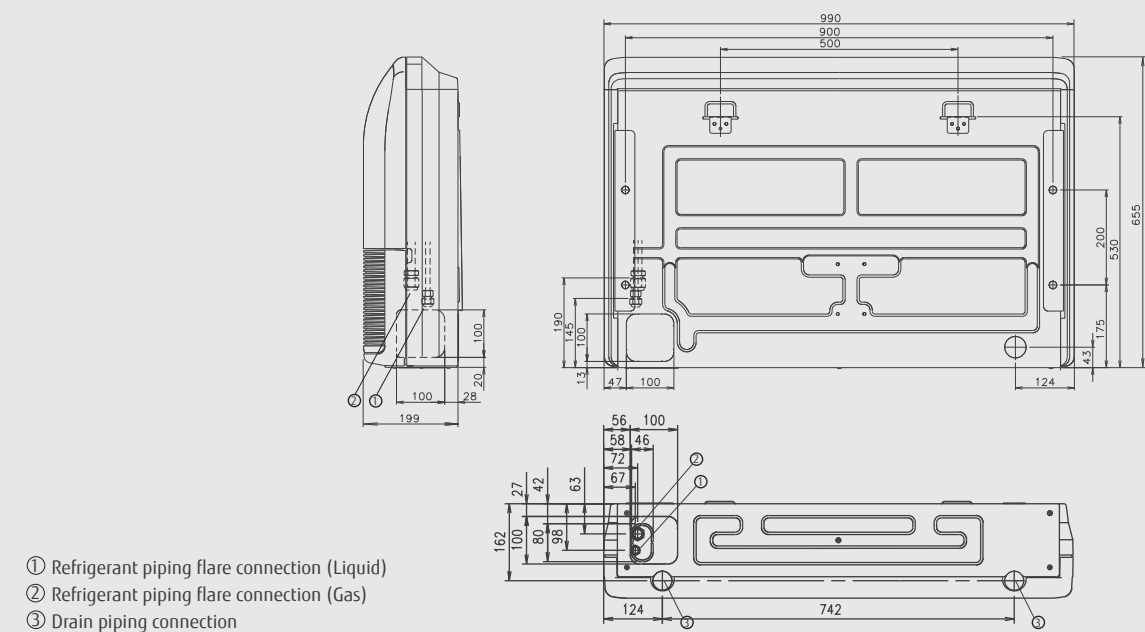
Specifications

Model No.	Indoor unit		ABAG18LVTA		ABAG24LVTA	
	Outdoor unit		AOAG18LBLA		AOAG24LALA	
Power Source		V/Ø/Hz	230/1/50		230/1/50	
Capacity	Cooling	kW	5.20		6.80	
		BTU/h	17,700		23,200	
	Heating	kW	6.00		8.00	
		BTU/h	20,500		27,300	
Input Power	Cooling/Heating	kW	1.55/1.66		2.21/2.26	
EER	Cooling		3.35		3.08	
COP	Heating	W/W	3.61		3.54	
Running Current	Cooling/Heating	A	7.0/7.4		9.7/9.9	
Moisture Removal		l/h	2.0		2.7	
Sound Pressure	Indoor (High)	dB(A)	43		48	
	Outdoor		50		52	
Airflow Rate (High)	Indoor	m³/h	780		980	
	Outdoor		2,000		2470	
Net Dimension H×W×D Net Weight	Indoor	mm	199×990×655		199×990×655	
		kg (lbs)	27.0(60)		27.0(60)	
	Outdoor	mm	578×790×300		578×790×315	
		kg (lbs)	40.0(88)		44.0(97)	
Piping Connections (Small / Large)		mm	6.35/12.70		6.35/15.88	
Drain Pipe Diameter (I.D./O.D.)		mm	25.0/32.0		25.0/32.0	
Max Pipe Length (Pre-Charge)		m	25(15)		30(15)	
Max Height Difference			15		20	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant			R410A		R410A	

Dimensions

Models: ABAG18LVTA / ABAG24LVTA

(Unit : mm)



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

INVERTER

CEILING

Model : ABAG30LRTA / ABAG36LRTA / ABAG45LRTA



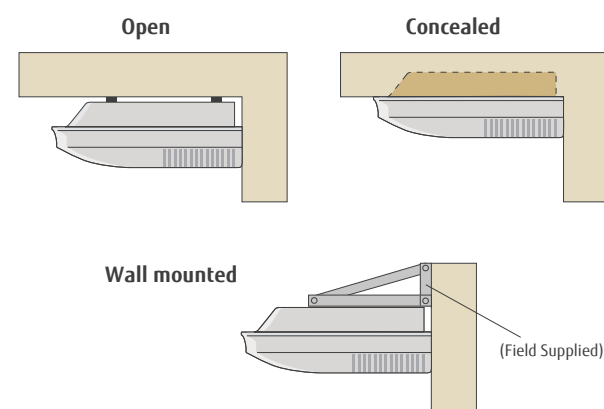
Wireless R.C.

AOAG30LBTA
AOAG36LBTA

AOAG45LBTA

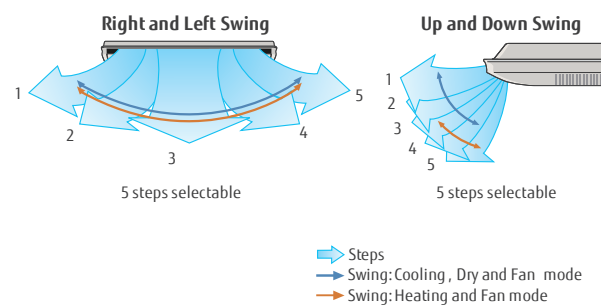


Installation



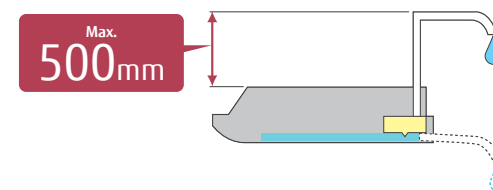
Multi auto swing

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



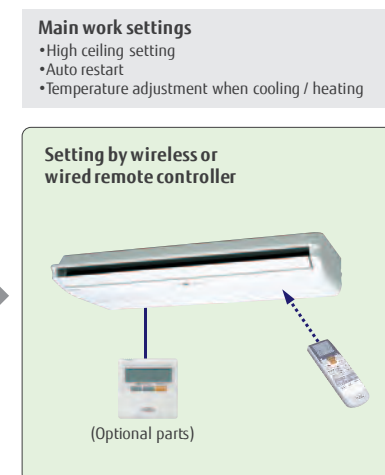
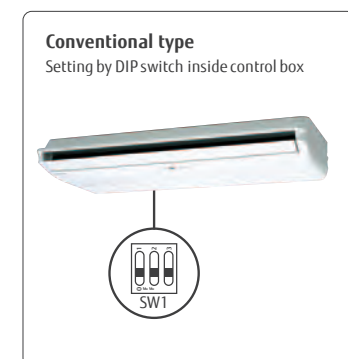
Condensate lift-up mechanism (Option)

Optional drain lift-up mechanism allows flexible installation.

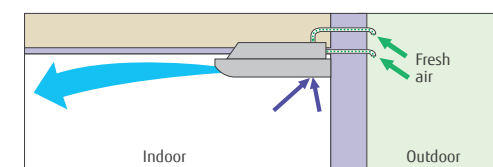


Easy installation

Main work settings can be done easily from the remote controller at installation

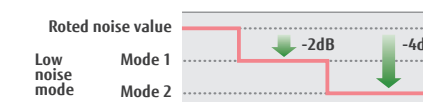


Fresh air intake

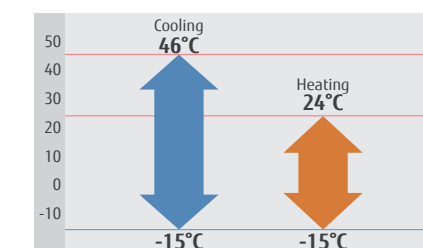


Low noise mode of outdoor unit (45/54 types)

2 stage low noise mode can be selected.(Option)



Low ambient operation



Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
Drain Pump Unit:	UTR-DPB24T
External Connect Kit:	UTY-XWZX
	UTY-XWZXZ2
	UTY-XWZXZ3
External Control Set:	UTD-ECS5A
Flange:	UTD-RF204

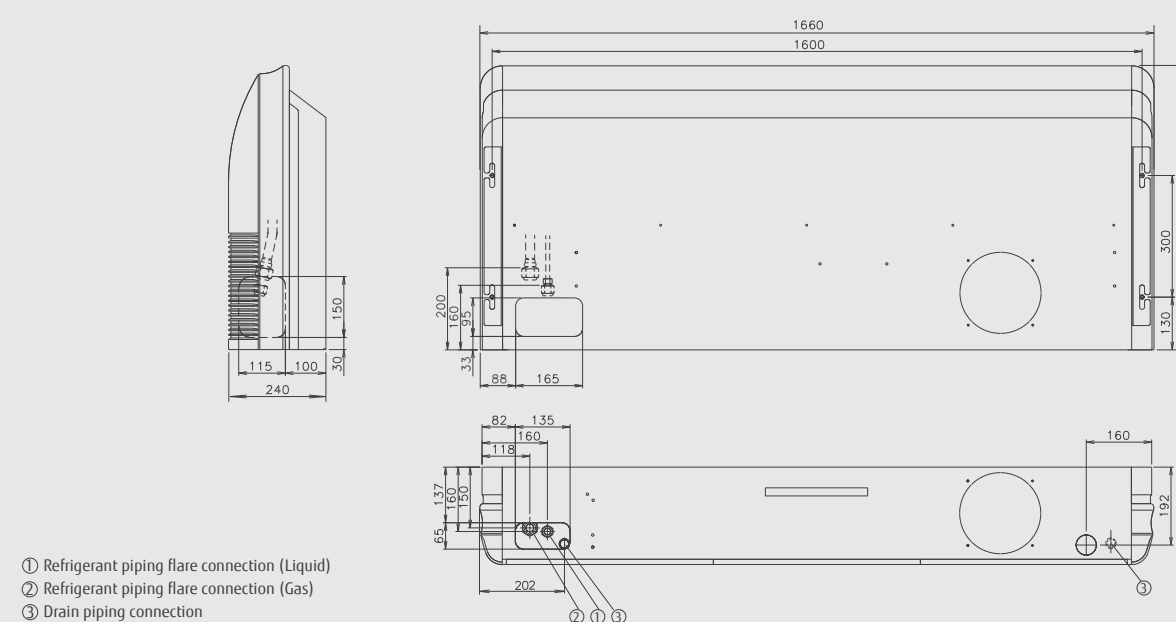
Specifications

Model No.	Indoor unit		ABAG30LRTA	ABAG36LRTA	ABAG45LRTA
	Outdoor unit		AOAG30LBTA	AOAG36LBTA	AOAG45LBTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	8.50	9.40	12.10
		BTU/h	29,000	32,100	41,300
	Heating	kW	10.00	11.20	13.30
		BTU/h	34,100	38,200	45,400
Input Power	Cooling/Heating	kW	2.54/2.77	2.93/3.02	3.77/3.68
EER	Cooling		3.35	3.21	3.21
COP	Heating	W/W	3.61	3.71	3.61
Running Current	Cooling/Heating	A	11.1/12.2	12.8/13.2	16.4/16.1
Moisture Removal		l/h	2.5	3.0	4.0
Sound Pressure	Indoor (High)	dB(A)	45	47	49
	Outdoor		53	55	55
Airflow Rate (High)	Indoor	m³/h	1,660	1,900	2,100
	Outdoor		3,600	3,800	6,750
Net Dimension H×W×D Net Weight	Indoor	mm	240×1660×700	240×1660×700	240×1660×700
		kg (lbs)	46.0(101)	46.0(101)	46.0(101)
		mm	830×900×330	830×900×330	1290×900×330
Piping Connections (Small / Large)		kg (lbs)	61.0(135)	61.0(135)	88.0(194)
Drain Pipe Diameter (I.D./O.D.)		mm	9.52/15.88	9.52/15.88	9.52/15.88
Max Pipe Length (Pre-Charge)		m	22.0/25.6	22.0/25.6	22.0/25.6
Max Height Difference			50(20)	50(20)	50(20)
Operation Range	Cooling	°CDB	30	30	30
	Heating		-15 to 46	-15 to 46	-15 to 46
Refrigerant			-15 to 24	-15 to 24	-15 to 24
			R410A	R410A	R410A

Dimensions

Models: ABAG30LRTA / ABAG36LRTA / ABAG45LRTA

(Unit : mm)



INVERTER

SLIM DUCT

Model : ARAG12LLLB / ARAG18LLLB



(12)



(18)

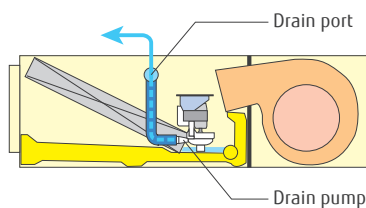


Wired R.C.

AOAG12LBLA
AOAG18LBLA

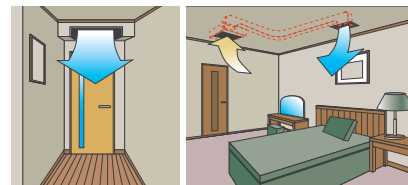
Slim design

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

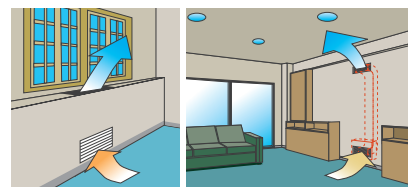
Height
198mmDrain pump
built-in

Flexible installation

Ceiling concealed

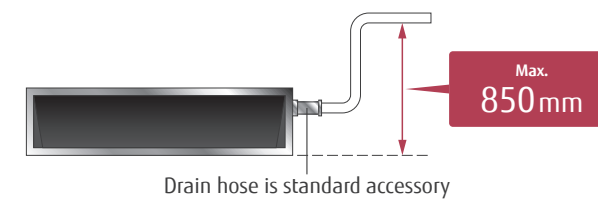


Floor concealed



Drain pump is standard accessory

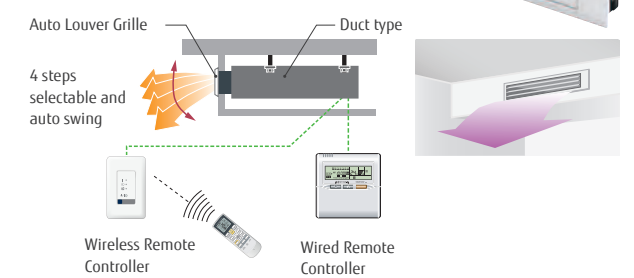
It allows flexible installation.



Drain hose is standard accessory

Auto Louver Grille Kit (Option)

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



Selectable with a wide range of static pressure

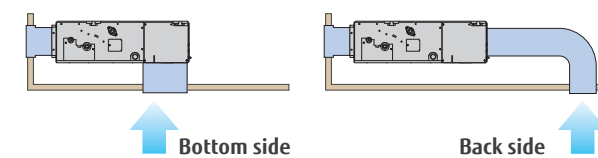
By using DC fan motor, it is possible to change the static pressure range 0 to 90Pa.

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

Static pressure range
0 to 90 Pa

Air-intake

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



Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
IR Receiver Unit:	UTY-LRHYM
Remote Sensor Unit:	UTY-XSZX
External Control Set:	UTD-ECS5A
Auto Louver Grille Kit:	UTD-GXSA-W (For ARAG12LLLB) UTD-GXSB-W (For ARAG18LLLB)

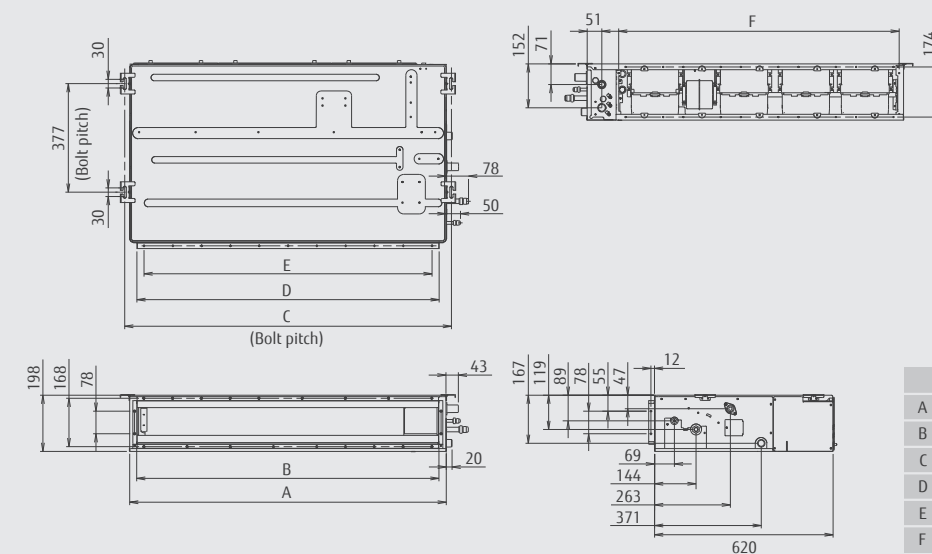
Specifications

Model No.	Indoor unit		ARAG12LLLB	ARAG18LLLB
	Outdoor unit		AOAG12LBLA	AOAG18LBLA
Power Source	V/Ø/Hz		230/1/50	230/1/50
Capacity	Cooling	kW	3.50	5.20
		BTU/h	11,950	17,700
	Heating	kW	4.10	6.00
		BTU/h	14,000	20,500
Input Power	Cooling/Heating	kW	0.99/1.11	1.62/1.66
EER	Cooling		3.54	3.21
COP	Heating	W/W	3.69	3.61
Running Current	Cooling/Heating	A	4.5/5.1	7.2/7.4
Moisture Removal		l/h	1.3	2.0
Sound Pressure	Indoor (High)	dB(A)	29	32
	Outdoor		48	50
Airflow Rate (High)	Indoor	m³/h	650	940
	Outdoor		1,780	2,000
Net Dimension H×W×D Net Weight	Indoor	mm	198x700x620	198x900x620
		kg (lbs)	19.0(42)	23.0(51)
	Outdoor	mm	578x790x300	578x790x300
		kg (lbs)	40.0(88)	40.0(88)
Piping Connections (Small / Large)			6.35/9.52	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)		mm	25.0/32.0	25.0/32.0
Max Pipe Length (Pre-Charge)		m	25(15)	25(15)
Max Height Difference			15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant			R410A	R410A

Dimensions Models: ARAG12LLLB / ARAG18LLLB

(Unit : mm)

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

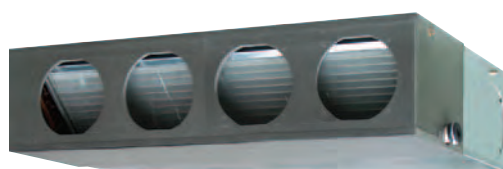


	ARAG12LLLB	ARAG18LLLB
A	700	900
B	650	850
C	734	934
D	650	850
E	P100x6=600	P100x8=800
F	574	774

INVERTER

MEDIUM STATIC PRESSURE DUCT

Model : ARAG24LMTA / ARAG30LMLA / ARAG36LMLA / ARAG45LMLA



Wired R.C.



AOAG24LALA

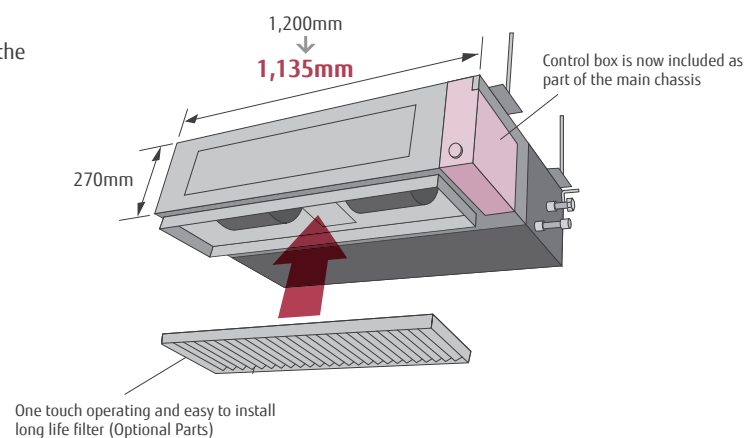
AOAG30LBTA
AOAG36LBTA

AOAG45LBTA



Slim & Compact design

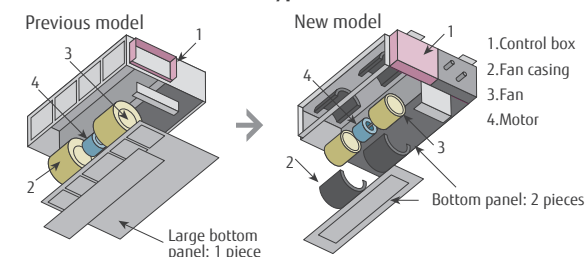
In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270mm, Further space savings have been achieved by mounting the electrical control box internally inside the chassis.



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

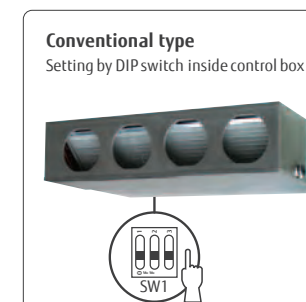


Easy installation

Main work settings can be done easily from the remote controller at installation

Main work settings

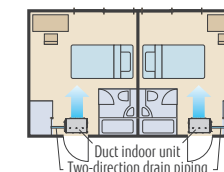
- High ceiling setting
- Auto restart
- Temperature adjustment when cooling / heating



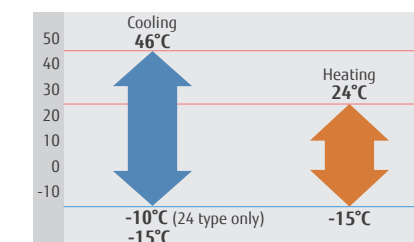
Setting by wired remote controller



Two-direction drain piping



Low ambient operation



Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller:	UTY-RSNYM
Flange (Round):	UTD-RF204
Flange (Square):	UTD-SF045T
Long Life Filter:	UTD-LF25NA
Remote Sensor Unit:	UTY-XSZX
External Connect Kit:	UTY-XWZXZ2
	UTY-XWZXZ3
External Control Set:	UTD-ECS5A
Drain Pump Unit:	UTZ-PX1NBA
IR Receiver Kit:	UTY-LRHYM

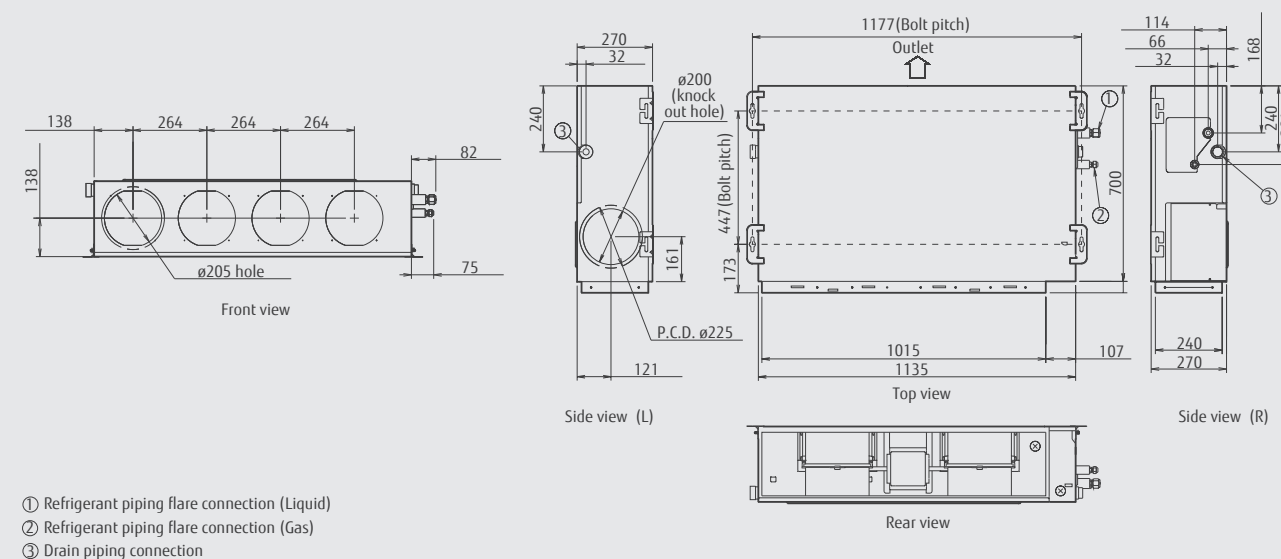
Specifications

Model No.	Indoor unit		ARAG24LMTA	ARAG30LMLA	ARAG36LMLA	ARAG45LMLA
	Outdoor unit		AOAG24LALA	AOAG30LBTA	AOAG36LBTA	AOAG45LBTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	6.80	8.50	9.40	12.10
		BTU/h	23,200	29,000	32,100	41,300
	Heating	kW	8.00	10.00	11.20	13.30
		BTU/h	27,300	34,100	38,200	45,400
Input Power	Cooling/Heating	kW	2.21/2.26	2.65/2.68	2.93/3.1	3.77/3.68
EER	Cooling		3.08	3.21	3.18	3.21
COP	Heating	W/W	3.54	3.73	3.61	3.61
Running Current	Cooling/Heating	A	9.7/9.9	11.6/11.7	13.0/13.6	16.5/16.1
Moisture Removal		l/h	2.5	2.5	3.0	4.0
Sound Pressure	Indoor (High)	dB(A)	31	39	39	42
	Outdoor		52	53	54	55
Airflow Rate (High)	Indoor	m³/h	1,100	2,100	2,100	2,100
	Outdoor		2,470	3,600	3,800	6,750
Net Dimension H×W×D Net Weight	Indoor	mm	270x1,135x700	270x1,135x700	270x1,135x700	270x1,135x700
		kg (lbs)	38.0(84)	40.0(88)	40.0(88)	40.0(88)
	Outdoor	mm	578x790x315	830x900x330	830x900x330	1290×900×330
		kg (lbs)	44.0(97)	61.0(135)	61.0(135)	88.0(194)
Piping Connections (Small / Large)		mm	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	36.0/38.0	36.0/38.0	36.0/38.0	36.0/38.0
Max Pipe Length (Pre-Charge)		m	30(15)	50(20)	50(20)	50(20)
Max Height Difference			20	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A

Dimensions

Models: ARAG24LMTA / ARAG30LMLA / ARAG36LMLA / ARAG45LMLA

(Unit : mm)





Model : ASMA09BETA / ASMA12BETA



Wireless R.C.



AOMA09BETA
AOMA12BETA



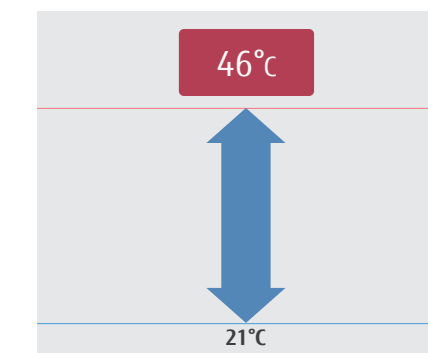
More Comfort Airflow

Airflow volume is increased more than current model and comfortable cooling is delivered to every corner of the room.

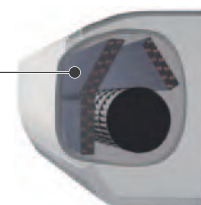
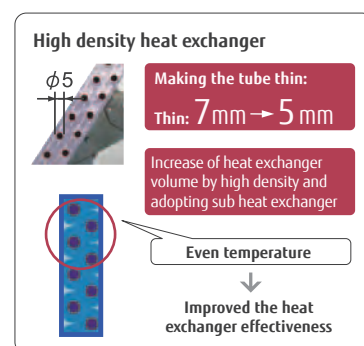
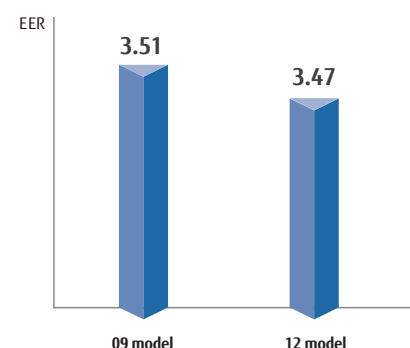


Operation range up to 46°C

Improved operation range up to 46°C ambient temperature for the market.

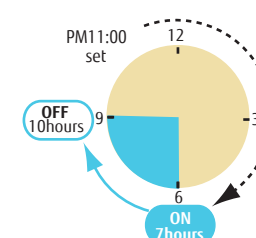


High efficient compact design

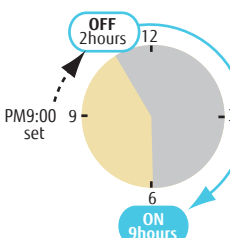


More Convenient Timer

From wake up to go to work



From sleep to wake up



Adopting new refrigerant R32

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



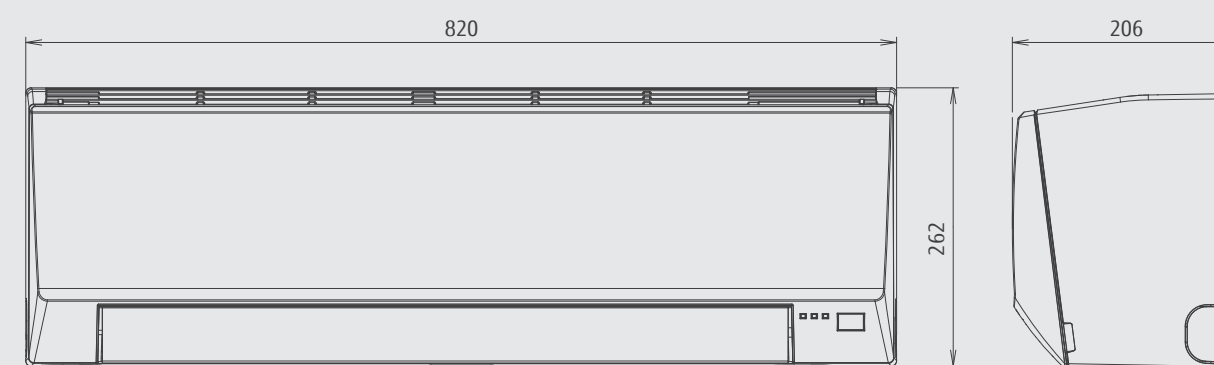
Specifications

Model No.	Indoor unit		ASMA09BETA	ASMA12BETA
	Outdoor unit		AOMA09BETA	AOMA12BETA
Power Source		V/ Ø/Hz	220/1/50	220/1/50
Capacity	Cooling	kW	2.60	3.30
		BTU/h	8,900	11,300
Input Power	Cooling	kW	0.74	0.95
EER	Cooling	W/W	3.51	3.47
Running Current	Cooling	A	3.5	4.5
Moisture Removal		l/h	1.0	1.3
Sound Pressure	Indoor (High)	dB(A)	39	39
	Outdoor		51	51
Airflow Rate (High)	Indoor	m³/h	640	640
	Outdoor		1,620	1,800
Net Dimension H×W×D	Indoor	mm	262x820x206	262x820x206
		kg (lbs)	7.5 (17)	7.5 (17)
Net Weight	Outdoor	mm	540x680x252	540x680x252
		kg (lbs)	23.0 (51)	26.0 (57)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe 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	15(7.5)	15(7.5)
Max Height Difference			5	5
Operation Range	Cooling	°CDB	21 to 46	21 to 46
Refrigerant			R32	R32

Dimensions

Models: ASMA09BETA / ASMA12BETA

(Unit : mm)





Model : ASMA18FUTA / ASMA24FUTA / ASMA30FUTA



Wireless R.C.



AOMA18FUTA
AOMA24FUTA



AOMA30FUTAS



Powerful airflow

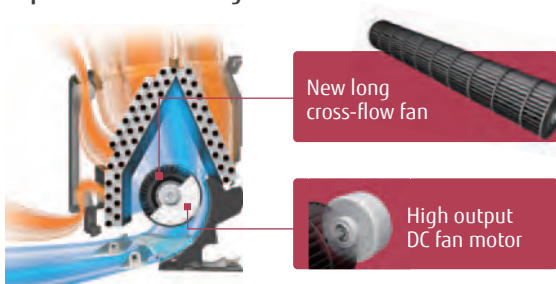
More Long-reach airflow of 25m by optimized airflow design.

25 m
Powerful mode
(30class)



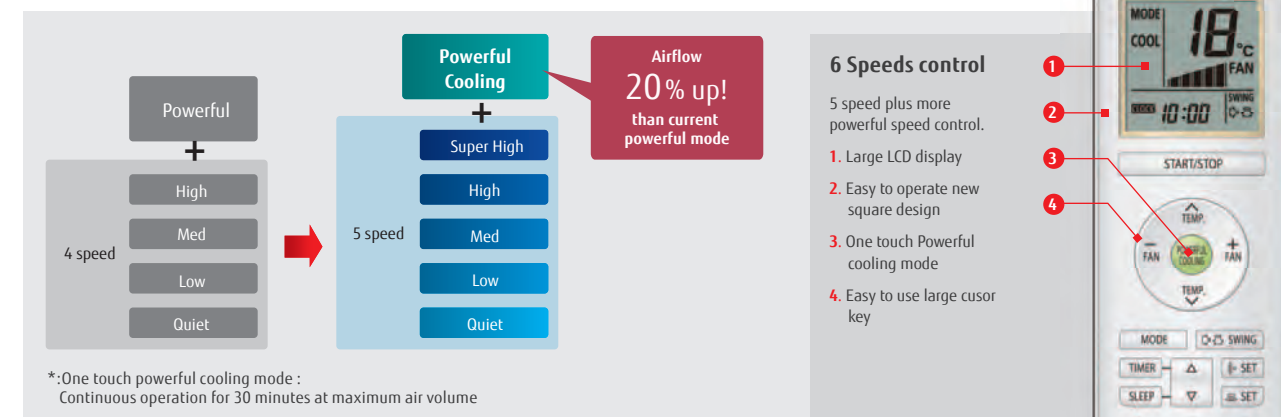
< Long reach air flow >*1
*1 Operation of "Powerful" mode

Optimized airflow design



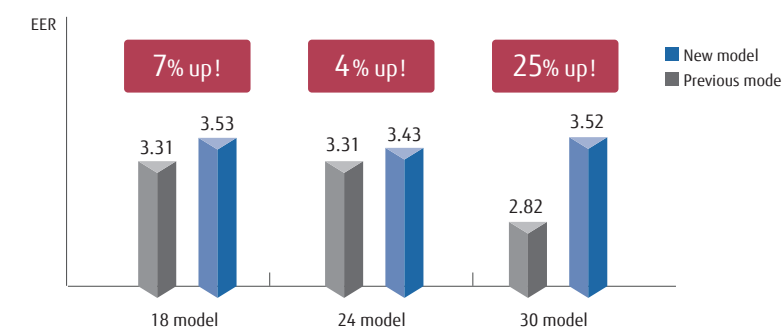
6 speed control

5-speed fan control with added plus Powerful Cooling mode is provided.



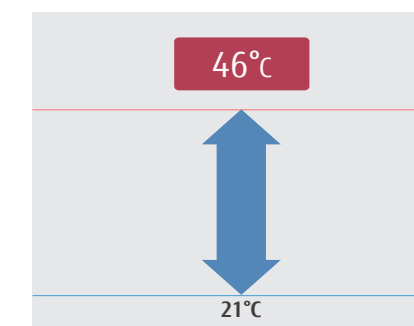
High energy saving

Higher EER is achieved by the new technologies and new refrigerant.



Wide operation range

Improved operation range up to 46°C ambient temperature for the market.



Specifications

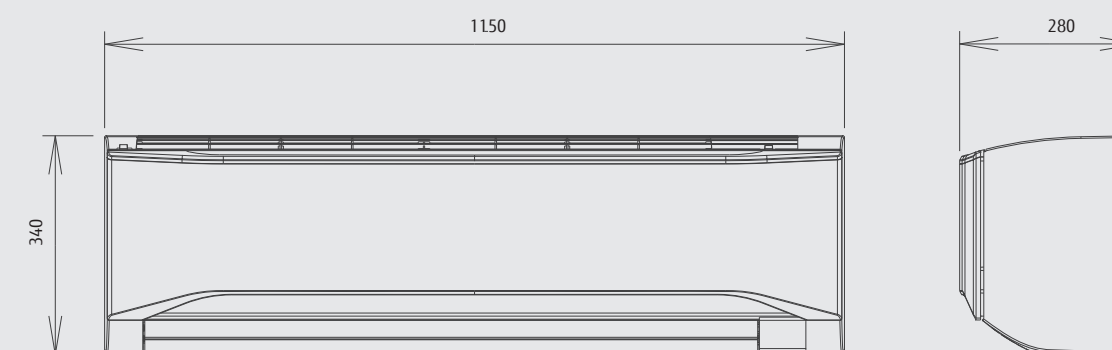
Model No.	Indoor unit		ASMA18FUTA	ASMA24FUTA	ASMA30FUTA
	Outdoor unit		AOMA18FUTA	AOMA24FUTA	AOMA30FUTAS
Power Source		V/Ø/Hz	220 / 1 / 50	220 / 1 / 50	220 / 1 / 50
Capacity	Cooling	kW	5.30	7.00	8.10
		BTU/h	18,100	23,900	27,600
Input Power	Cooling	kW	1.5	2.04	2.30
EER	Cooling	W/W	3.53	3.43	3.52
Running Current	Cooling	A	6.9	9.4	10.5
Moisture Removal		l/h	1.0	2.0	2.5
Sound Pressure	Indoor (S-Hi)		47	49	52
	Outdoor	dB(A)	53	55	54
Airflow Rate (S-Hi)	Indoor		1,250	1,350	1,520
	Outdoor	m³/h	3,320	3,070	4,200
Net Dimension HxWxD	Indoor	mm	340 x 1,150 x 280	340 x 1,150 x 280	340 x 1,150 x 280
		kg(lbs)	16.0(35)	16.0(35)	17.0(37)
Net Weight	Outdoor	mm	650 x 830 x 320	650 x 830 x 320	914 x 970 x 370
		kg(lbs)	47.0(103)	52.0(114)	77.0(169)
Piping Connections (Small / Large)		mm	6.35 / 15.88	6.35 / 15.88	9.52 / 15.88
Drain Pipe Diameter (I.D./O.D.)		mm	11.8/16.8	11.8/16.8	11.8/16.8
Max Pipe Length (Pre-Charge)		m	20(7.5)	20(7.5)	30(7.5)
Max Height Difference			8	8	15
Operation Range	Cooling	°CDB	21 to 46	21 to 46	21 to 46
Refrigerant			R410A	R410A	R410A

*:That specification is not fixed yet.

Dimensions

Models: ASMA18FUTA / ASMA24FUTA / ASMA30FUTA

(Unit : mm)



Model : ASAA09BMTA-A / ASAA12BMTA-A



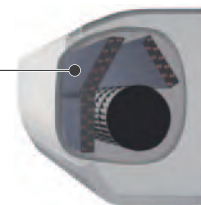
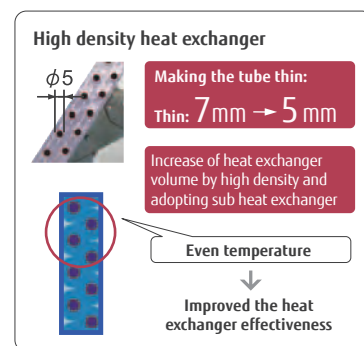
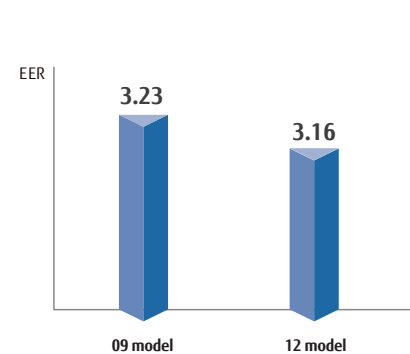
Wireless R.C.



AOAA09BMTA-A
AOAG12BMTA-A



High efficient compact design



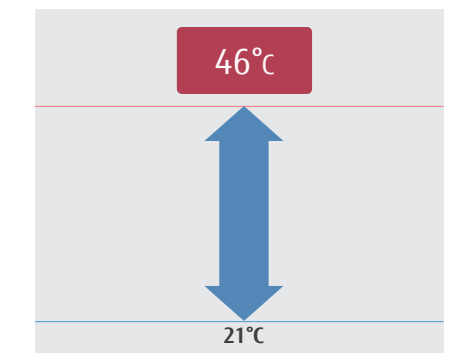
More Comfort Airflow

Airflow volume is increased more than current model and comfortable cooling is delivered to every corner of the room.



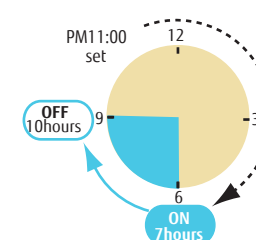
Operation range up to 46°C

Improved operation range up to 46°C ambient temperature for the market.

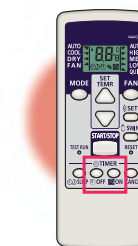
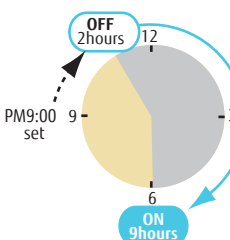


More Convenient Timer

From wake up to go to work



From sleep to wake up



Adopting new refrigerant R32

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



Specifications

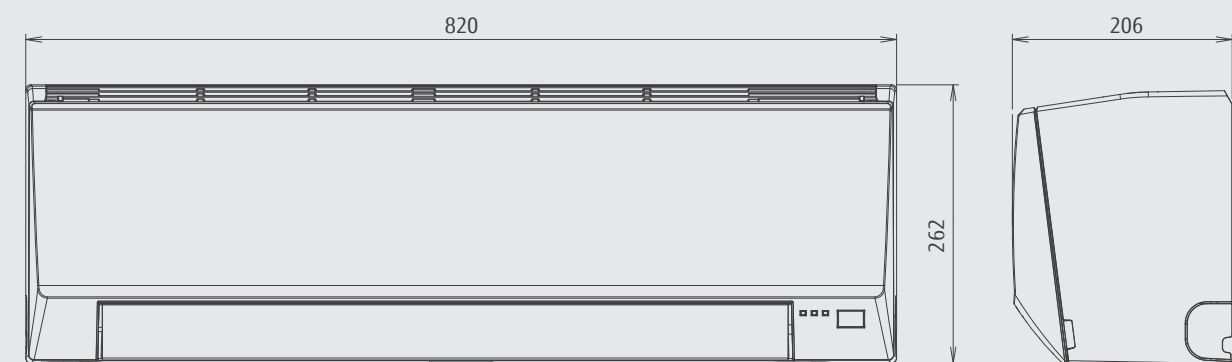
Model No.	Indoor unit		ASAA09BMTA-A		ASAA12BMTA-A	
	Outdoor unit		AOAA09BMTA-A		AOAG12BMTA-A	
Power Source		V/ Ø/Hz	220-230-240/1/50		220-230-240/1/50	
Capacity	Cooling	kW	2.55-2.55-2.55		3.25-3.25-3.25	
		BTU/h	8,700-8,700-8,700		11,000-11,000-11,000	
Input Power	Cooling	kW	0.77-0.79-0.82		1.01-1.03-1.06	
EER	Cooling	W/W	3.31-3.23-3.11		3.22-3.16-3.07	
Running Current	Cooling	A	3.6-3.5-3.5		4.7-4.6-4.6	
Moisture Removal		l/h	1.0		1.3	
Sound Pressure*	Indoor (High)	dB(A)	39-39-39		39-39-39	
	Outdoor		51-51-51		51-51-51	
Airflow Rate (High)	Indoor	m³/h	640		640	
	Outdoor		1,880		1,780	
Net Dimension H×W×D	Indoor	mm	262x820x206		262x820x206	
		kg (lbs)	7.5 (17)		7.5 (17)	
Net Weight	Outdoor	mm	540x680x252		540x680x252	
		kg (lbs)	23.0 (51)		26.0 (57)	
Piping Connections (Small / Large)		mm	6.35/9.52		6.35/9.52	
Drain Pipe 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	15(7.5)		15(7.5)	
Max Height Difference		m	5		5	
Operation Range	Cooling	*CDB	21 to 46		21 to 46	
Refrigerant			R32		R32	

*:Specifications of sound pressure level are provisional for your reference. The contents of formal specifications might be different from these.

Dimensions

Models: ASAA09BMTA-A / ASAA12BMTA-A

(Unit : mm)



Model : ASAA18FMTA-A / ASAA24FMTA-A



Wireless R.C.

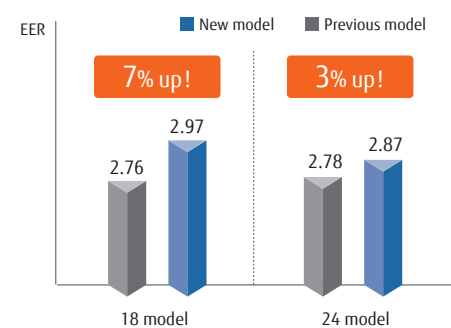


AOAA18FMTAHA
AOAA24FMTAHA



Improve Energy Efficiency

The higher EER is achieved than our previous models*: 230V



Quiet Operation

Quiet operation sound is able to expand the applications of the air conditioners.

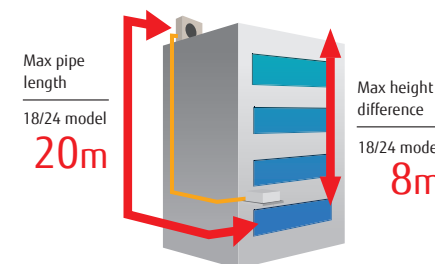
Operation in
Quiet mode

Sound level
34dB(A)



Flexible Piping Installation

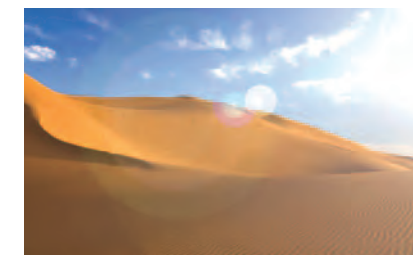
Sufficient pipe length and height difference is provided, which enables to enhance the flexibility of installation.



Operation In High Ambient Temperature

The operation is secured under the ambient temperature of up to 52 degrees Celsius in cooling operation.

Cooling
Max. 52°C



Washable Front Panel

The front panel is easily detachable and is washable, which enables to the air conditioner always clean.



Power Diffuser

Power diffuser makes it possible for the air flow to reach every corner of the room.



Optional parts

Wired Remote Controller:	UTB-YUD
Simple Remote Controller:	UTY-RSNYM
External Connect Kit:	UTY-XWZX

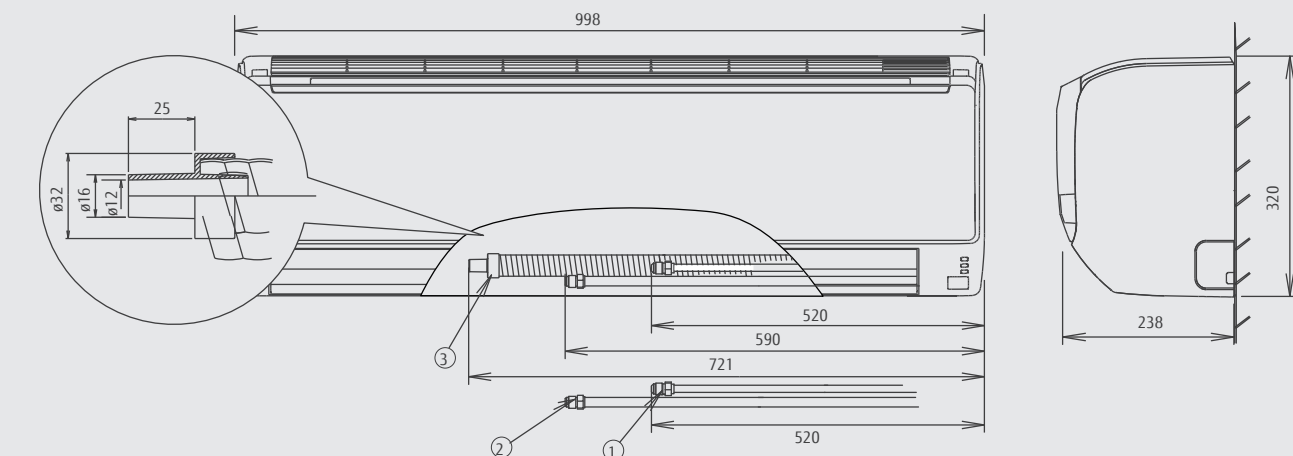
Specifications

Model No.	Indoor unit		ASAA18FMTA-A		ASAA24FMTA-A	
	Outdoor unit		AOAA18FMTAHA		AOAA24FMTAHA	
Power Source	V/Ø/Hz		220 - 230 - 240 / 1 / 50		220 - 230 - 240 / 1 / 50	
Capacity			Btu/h		Btu/h	
			18,400 - 18,400 - 18,400		24,400 - 24,400 - 24,400	
			kW		kW	
			5.40 - 5.40 - 5.40		7.15 - 7.15 - 7.15	
Input Power			kW		kW	
			1.79 - 1.82 - 1.87		2.44 - 2.49 - 2.60	
EER			kW/kW		kW/kW	
			3.02 - 2.97 - 2.89		2.93 - 2.87 - 2.75	
Current			A		A	
			8.2 - 8.2 - 8.2		11.8 - 12.0 - 12.6	
Noise (Indoor)	High	dB(A)	44 - 44 - 44		47 - 47 - 47	
Noise (Outdoor)			53 - 54 - 54		55 - 55 - 56	
Airflow Rate (Indoor)	H/M/L/Q	m³/h	(under consideration)		(under consideration)	
Net Dimension H x W x D	Indoor unit	mm	320 x 998 x 238		320 x 998 x 238	
		kg (lbs)	13.0(29)		13.0(29)	
	Outdoor unit	mm	650 x 830 x 320		650 x 830 x 320	
		kg (lbs)	47.0(103)		55.0(121)	
Piping Connections (Liquid / Gas)			mm		mm	
			6.35 / 15.88		6.35 / 15.88	
Drain Hose			12(I.D.) / 16(O.D.)		12(I.D.) / 16(O.D.)	
Max Pipe Length (Pre-Charge)			m		m	
			20 (7.5)		20 (7.5)	
Max Height Difference			m		m	
			8		8	
Operation Range			°CDB		°CDB	
			21 to 52		21 to 52	
Refrigerant			R410A		R410A	

Dimensions

Models: ASAA18FMTA-A / ASAA24FMTA-A

(Unit : mm)



Model : ASYA18AET / ASYA24AET



Wireless R.C.

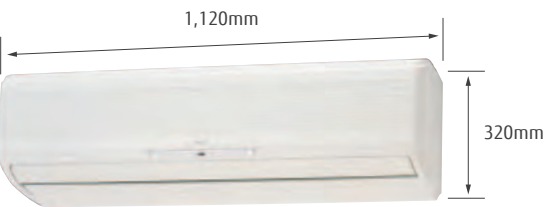


AOYR18AETH
AOYR24AETH

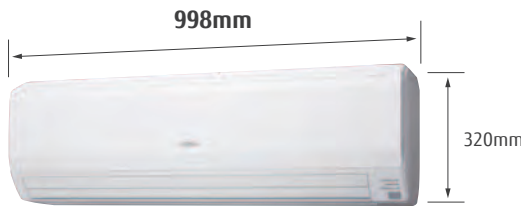


Flexible installation

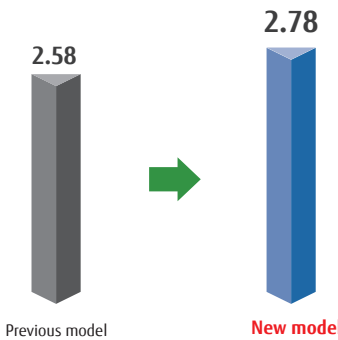
Previous model (18/24AET)



New model

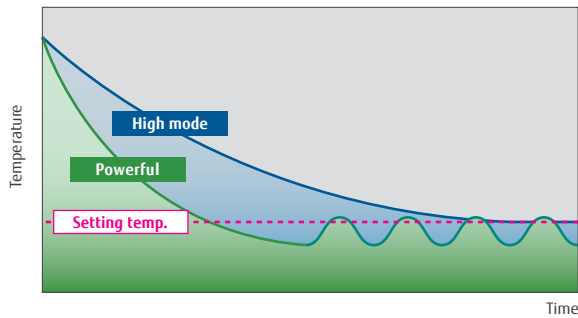


High EER ^(24AET)



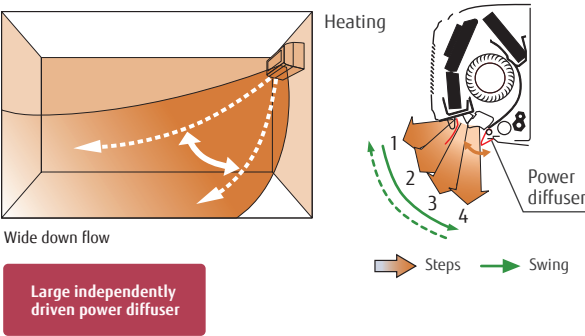
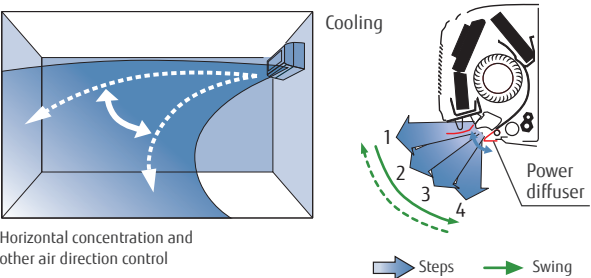
Powerful mode function

Operates at maximum air flow in the cooland fan operation modes, and quicklymakes the room comfortable.



Multi airflow

Large independently driven power diffuser used



Optional parts

Wired Remote Controller: UTB-YUD

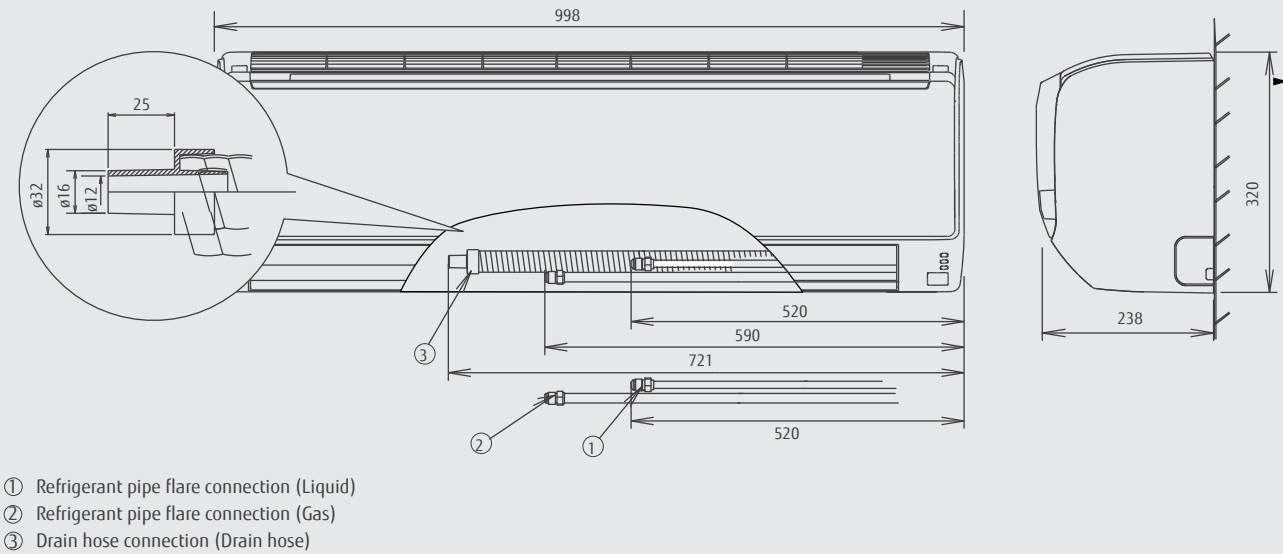
Specifications

Model No.	Indoor unit		ASYA18AET	ASYA24AET
	Outdoor unit		AOYR18AETH	AOYR24AETH
Power Source		V/ Ø/Hz	220-240/1/50	220-240/1/50
Capacity	Cooling	kW	5.3	7.11
		BTU/h	18,100	24,200
Input Power	Cooling	kW	1.92	2.56
EER	Cooling	W/W	2.76	2.78
Running Current	Cooling	A	8.9	12.2
Moisture Removal		l/h	2.0	2.5
Sound Pressure	Indoor (High)	dB(A)	43	46
	Outdoor		53	54
Airflow Rate (High)	Indoor	m³/h	985	1,090
	Outdoor		3,120	3,120
Net Dimension H×W×D	Indoor	mm	320x998x238	320x998x238
		kg(lbs)	14.0 (31)	14.0 (31)
Net Weight	Outdoor	mm	650x830x320	650x830x320
		kg(lbs)	46.0 (101)	57.0 (125)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)			16.0/28.0	16.0/28.0
Max Pipe Length (Pre-Charge)		m	20(7.5)	20(7.5)
Max Height Difference			8	8
Operation Range	Cooling	°CDB	21 to 52	21 to 52
Refrigerant			R22	R22

Dimensions

Models: ASYA18AET / ASYA24AET

(Unit : mm)



Model : AUY18ABAB / AUY18RBAB



Wireless R.C.



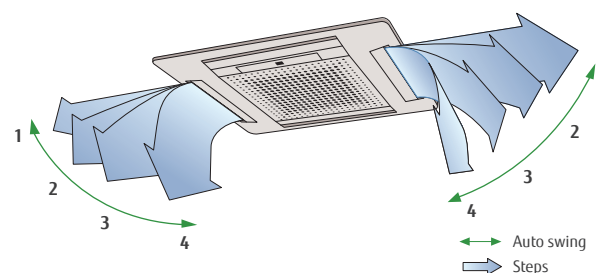
AOY18ANCKL
AOY18RNCKL



Comfortable air flow

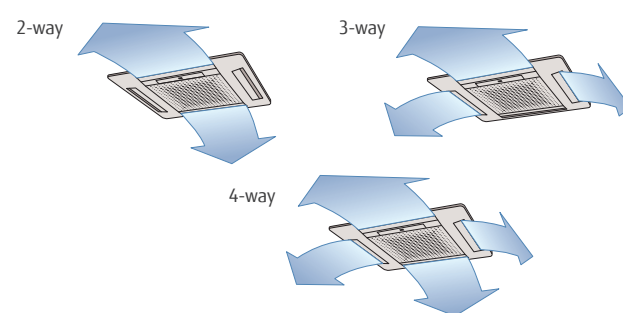
4 step swing

Auto air flow direction and auto swing



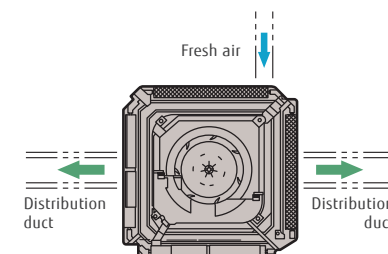
2-4 way air flow system

Select 2-way, 3-way or 4-way air flow to suit your needs.

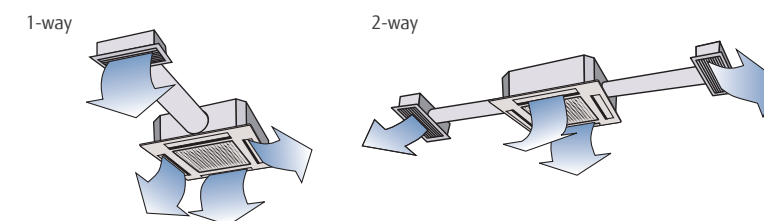


Duct connection hole opening

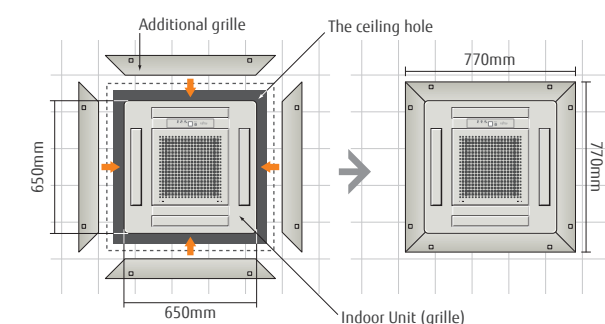
Fresh air can be introduced through this opening



Conditioned air can be distributed by means of a distribution duct

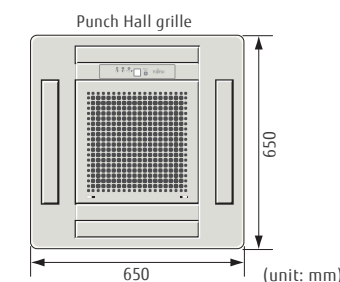


Additional grille (optional parts)

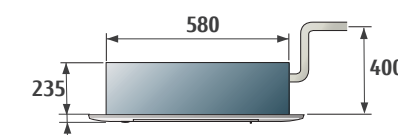


Compact size

Compact grille fits European ceiling panel (650 x 650 mm)



Condensate pump lift to 400mm



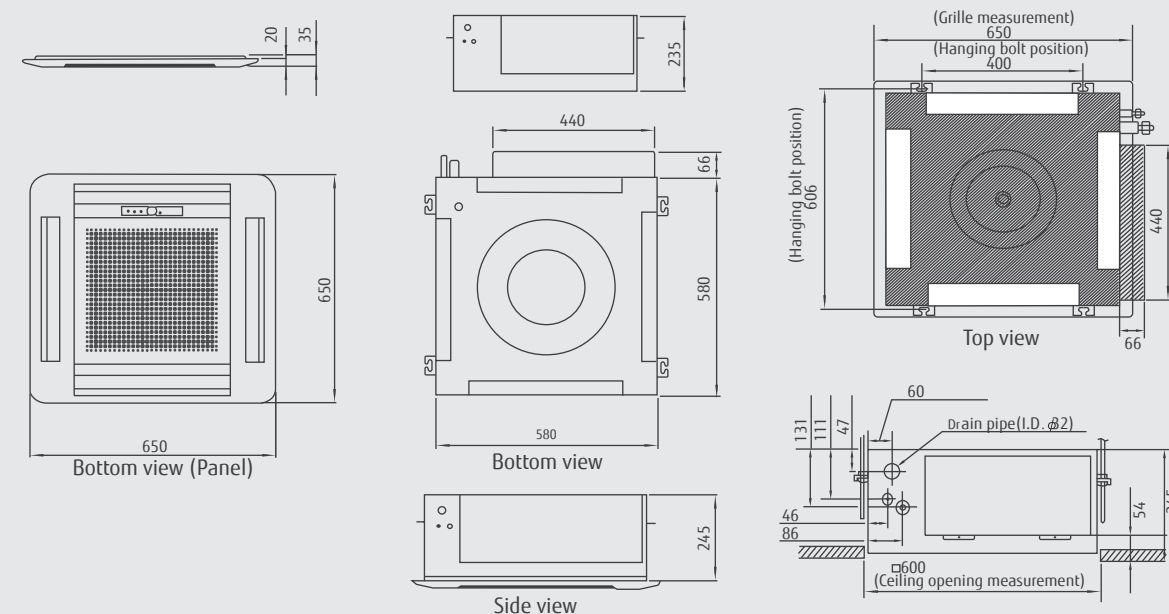
Specifications

Model No.	Indoor unit		AUY18ABAB	AUY18RBAB
	Outdoor unit		AOY18ANCKL	AOY18RNCKL
Power Source	V/Ø/Hz		220-240/1/50	220-240/1/50
Capacity	Cooling	kW	4.95-5.10	4.85-5.00
		BTU/h	16,900-17,400	16,600-17,100
	Heating	kW	—	5.30-5.45
		BTU/h	—	18,100-18,600
Input Power	Cooling/Heating	kW	1.80-1.90 / —	1.75-1.85 / 1.85-1.95
EER	Cooling	—	2.75-2.68	2.77-2.70
COP	Heating	W/W	—	2.86-2.79
Running Current	Cooling/Heating	A	8.50-8.00	8.5-8.0 / 9.0-8.5
Moisture Removal		l/h	2.1	2.1
Sound Pressure	Indoor (High)	dB(A)	44	44
	Outdoor	dB(A)	52	52
Airflow Rate (High)	Indoor	m³/h	650	650
	Outdoor	m³/h	3,500	3,500
Net Dimension H×W×D	Indoor	mm	235x580x580+70	235x580x580+70
Net Weight		kg(lbs)	18.0 (40)	18.0 (40)
	Outdoor	mm	650x830x320	650x830x320
		kg(lbs)	51.0 (112)	56.0 (123)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)		mm	25.0/32.0	25.0/32.0
Max Pipe Length (Pre-Charge)		m	20(7.5)	20(10)
Max Height Difference		m	8	8
Operation Range	Cooling	°CDB	10 to 43	10 to 43
	Heating	°CDB	—	-5 to 24
Refrigerant			R22	R22
Cassette Grille			UTG-UDYD-W	UTG-UDYD-W

Dimensions

Models: AUY18ABAB / AUY18RBAB

(Unit : mm)



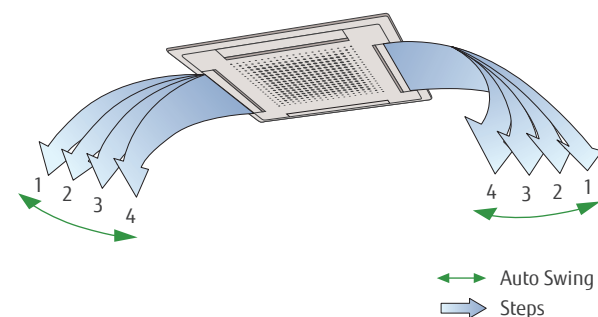
Model : AUY25ABAR / AUY30ABAR / AUY45ABAS [3phase] / AUY54ABAS [3phase]
AUY25RLD-W / AUY30RLD-W / AUY45RLB3W [3phase] / AUY54RLB3W [3phase]



Comfortable airflow

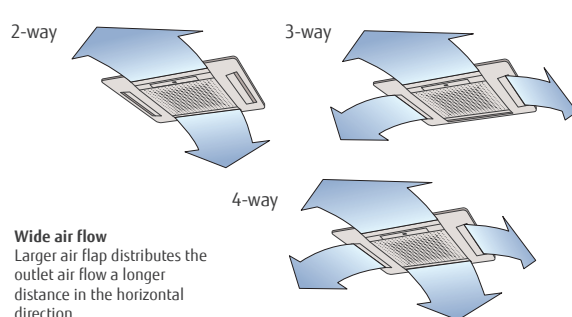
4 step swing

Auto air flow direction and auto swing



2-4 way air flow system

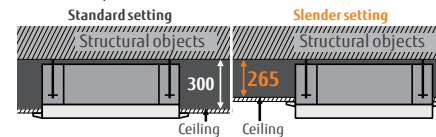
Select 2-way, 3-way or 4-way air flow to suit your needs.



Flexible installation

Installation is done by "Standard setting" with more than 300mm (250mm) of space. "Slender setting" lets it suitable for minimum 265mm (215mm) installation space.

Installation Space (Built-in measurement)



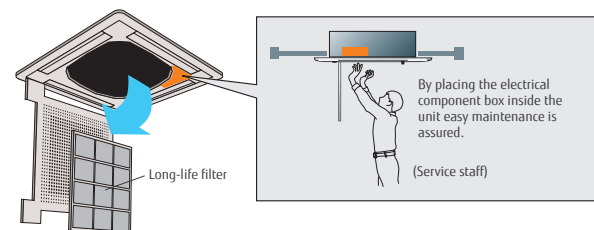
	25/30	36/45/54
Standard setting	250mm	300mm
Slender setting	215mm	265mm

Easy maintenance

The control box is easily accessible for maintenance work. Wide opening for easy access.

Detachable, washable filter and intake grille

Wide opening and long-life filter

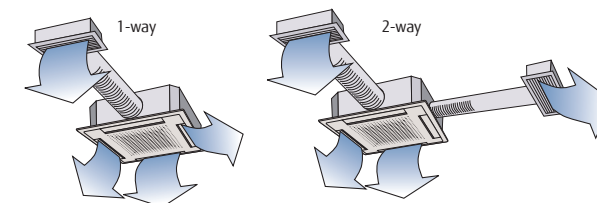


Long-life filter

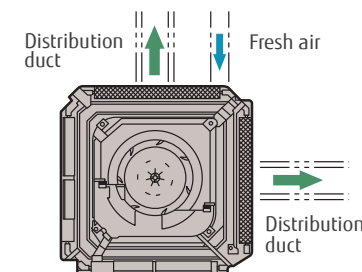
High efficiency, long-life filter extends the cleaning cycle.

Duct connection hole opening

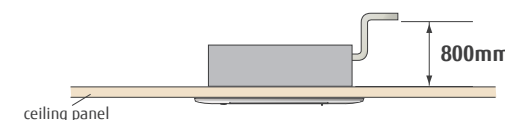
Conditioned air can be distributed by means of a distribution duct



Fresh air can be introduced through this opening



Condensate pump lift to 800mm



Optional parts

Additional Grille:

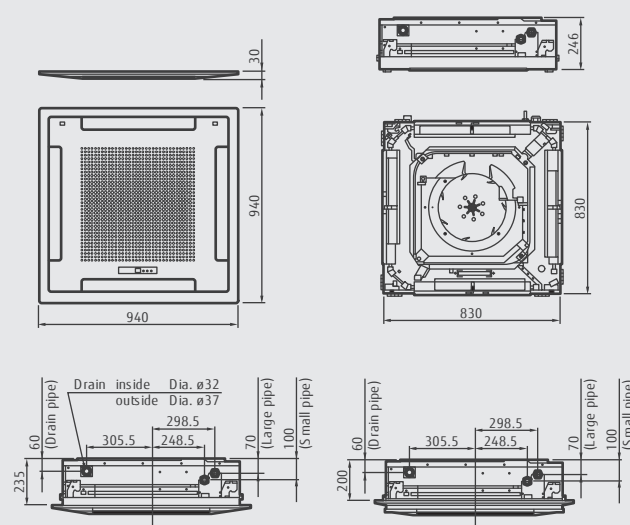
UTG-AGEA-W

Specifications

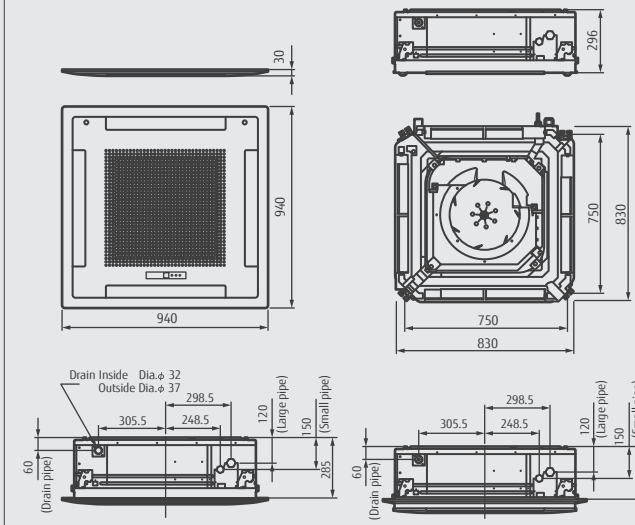
Model No.	Indoor unit		AUY25ABAR	AUY30ABAR	AUY45ABAS	AUY54ABAS	AUY25RLD-W	AUY30RLD-W	AUY45RLB3W	AUY54RLB3W
	Outdoor unit		AOY25ANAL	AOY30AMBL	AOY45APA3L	AOY54APA3L	AOY25RNAL	AOY30RMBL	AOY45RPA3L	AOY54RPA3L
Power Source		V/ Ø/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
Capacity	Cooling	kW	7.00-7.10	8.60-8.80	12.40-12.70	13.90-14.10	6.95-7.05	8.30-8.60	12.4-12.7	13.9-14.1
		BTU/h	23,900-24,200	29,400-30,000	42,500-43,500	47,500-48,000	23,700-24,100	28,300-29,400	42,300-43,300	47,400-48,000
	Heating	kW	—	—	—	—	7.75-8.00	9.30-9.50	13.4-13.7	15.4-15.8
		BTU/h	—	—	—	—	26,500-27,300	31,700-32,400	45,700-46,800	52,500-53,900
Input Power	Cooling/Heating	kW	2.66-2.75 / —	3.20-3.30 / —	4.35-4.45 / —	5.20-5.25 / —	2.60-2.70 / 2.38-2.53	3.25-3.35 / 3.15-3.30	4.35-4.45 / 4.45-4.50	5.20-5.25 / 5.30-5.30
EER	Cooling	W/W	2.63-2.58	2.69-2.67	2.85-2.85	2.67-2.69	2.67-2.61	2.55-2.57	2.85-2.85	2.67-2.69
COP	Heating		—	—	—	—	—	3.26-3.16	2.95-2.88	3.01-3.04
Running Current	Cooling/Heating	A	13.00-12.70 / —	14.70-14.50 / —	8.10-8.30 / —	9.00-8.90 / —	12.3-12.3 / 11.3-11.7	15.0-14.8 / 14.5-14.5	8.1-8.3 / 8.4-8.4	8.9-9.0 / 9.0-9.1
Moisture Removal		l/h	2.5	4.0	6.0	6.0	2.5	4.0	6.0	5.5
Airflow Rate (High)	Indoor	m³/h	1,100	1,200	1,650	1,780	1,100	1,200	1,650	1,780
Net Dimension HxWxD	Indoor / Grille	mm	246x830x830	246x830x830	296x830x830	296x830x830	246x830x830	246x830x830	296x830x830	296x830x830
		kg (lbs)	34.0 (75)	34.0 (75)	40.0 (88)	40.0 (88)	34.0 (75)	34.0 (75)	40.0 (88)	40.0 (88)
Net Weight	Outdoor	mm	700x900x350	900x900x350	1,152x940x370	1,152x940x370	700x900x350	900x900x350	1,152x940x370	1,152x940x370
		kg (lbs)	67.0 (147)	79.0 (174)	102.0 (224)	112.0 (246)	70.0 (154)	80.0 (176)	110.0 (243)	120.0 (264)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/19.05	9.52/19.05	9.52/15.88	9.52/15.88	9.52/19.05	9.52/19.05
Drain Pipe 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	25(7.5)	30(7.5)	50(20)	50(20)	25(7.5)	30(7.5)	50(20)	50(20)
Max Height Difference			15	15	30	30	15	15	30	30
Operation Range	Cooling	°CDB	0 to 43	0 to 43	0 to 52	0 to 52	0 to 43	0 to 43	0 to 52	0 to 52
	Heating		—	—	—	—	-5 to 21	-5 to 21	-8 to 21	-8 to 21
Refrigerant			R22	R22	R22	R22	R22	R22	R22	R22

Dimensions

Models: AUY25ABAR / AUY30ABAR/AUY25RLD-W/AUY30RLD-W



Models: AUY45ABAS/AUY45RLB3W/AUY54ABAS/AUY54RLB3W



Model : ABY18ABAJ / ABY24ABAJ
ABY18RBAJ / ABY24RBAJ



Wireless R.C.

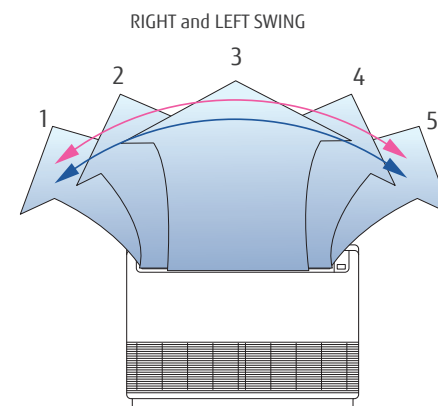


AOYR18ADTH, AOY18RNAKH
AOYR24ADTH, AOY24RNAKH

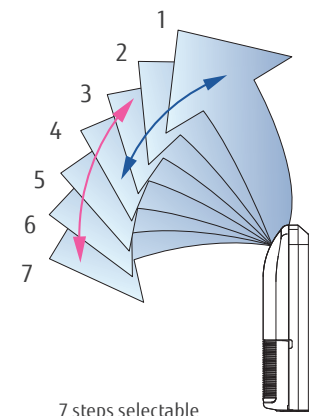


Double auto swing

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



UP and DOWN SWING



7 steps selectable

Super vane

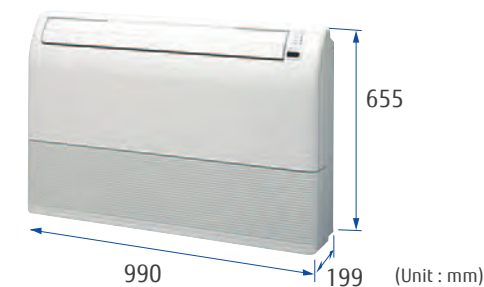
Double Louvre Super vane with newly developed special configuration boosts airflow sending cool air quickly to every corner of the room.

Auto-closing louvre

When operation is stopped, the louvres will automatically close. (This function is available on all non-ducted models.)

Compact design

Symmetrical, slim and compact design.

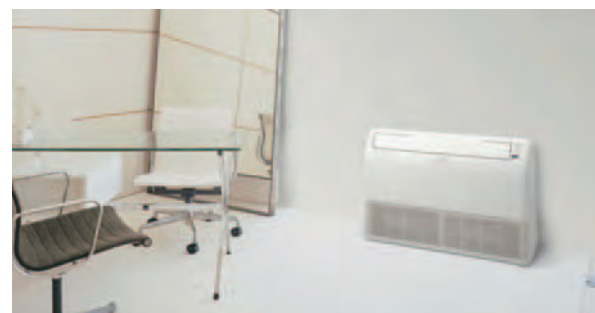


(Unit : mm)

Flexible installation

Example for floor installation

Floor console



Example for ceiling installation

Under ceiling



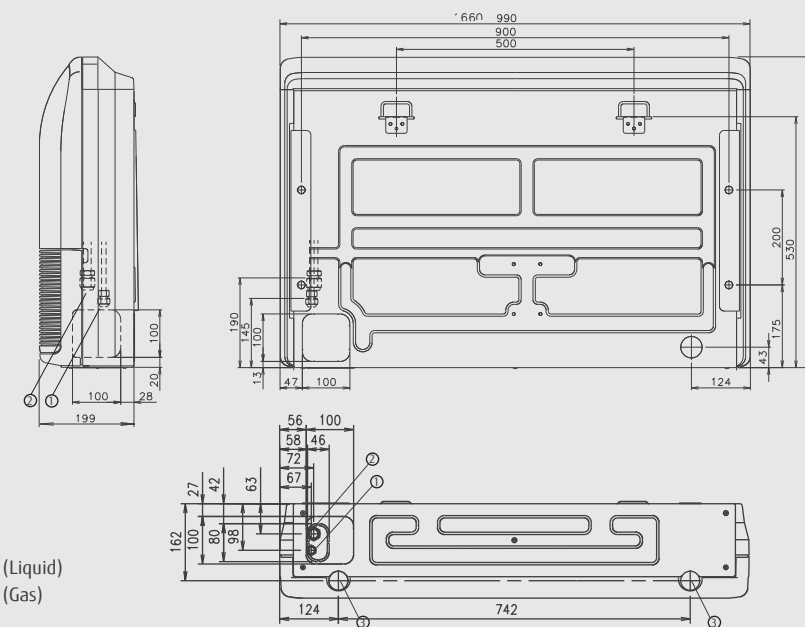
Specifications

Model No.	Indoor unit		ABY18ABAJ	ABY24ABAJ	ABY18RBAJ	ABY24RBAJ
	Outdoor unit		AOYR18ADTH	AOYR24ADTH	AOY18RNAKH	AOY24RNAKH
Power Source	V/Ø/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling	kW	5.40-5.50	6.80-6.90	5.30-5.40	6.60-6.80
		BTU/h	18,400-18,800	23,200-23,600	18,100-18,400	22,500-23,200
	Heating	kW	—	—	5.50-5.60	7.60-7.80
		BTU/h	—	—	18,800-19,100	25,900-26,600
Input Power	Cooling/Heating	kW	1.84-1.89 / —	2.53-2.67 / —	1.83-1.91/1.70-1.75	2.60-2.78/2.53-2.68
EER	Cooling	—	2.93-2.91	2.69-2.58	2.90-2.83	2.54-2.45
COP	Heating	W/W	—	—	3.24-3.20	3.00-2.91
Running Current	Cooling/Heating	A	8.4-8.4 / —	12.2-12.8 / —	8.5-8.5/7.8-7.8	12.4-12.8/12.4-12.8
Moisture Removal		l/h	2.0	3.4	1.7	2.5
Sound Pressure	Indoor (High)	dB(A)	47(at 240V)	50(at 240V)	47(at 240V)	49(at 240V)
	Outdoor		53(at 240V)	54(at 240V)	53(at 240V)	54(at 240V)
Airflow Rate (High)	Indoor	m³/h	800(at 240V)	900(at 240V)	800(at 240V)	900(at 240V)
	Outdoor		3,200(at 240V)	3,200(at 240V)	3,200(at 240V)	3,200(at 240V)
Net Dimension H×W×D	Indoor	mm	199x990x655	199x990x655	199x990x655	199x990x655
Net Weight		kg(lbs)	30.0 (66)	30.0 (66)	30.0 (66)	30.0 (66)
	Outdoor	mm	650x830x320	650x830x320	650x830x320	650x830x320
		kg(lbs)	46.0 (101)	57.0 (125)	56.0 (123)	68.0 (150)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)						
Max Pipe Length (Pre-Charge)		m	20(7.5)	20(7.5)	20(7.5)	20(7.5)
Max Height Difference			8	8	8	8
Operation Range	Cooling	°CDB	21 to 52	21 to 52	0 to 52	0 to 52
	Heating		—	—	0 to 24	0 to 24
Refrigerant			R22	R22	R22	R22

Dimensions

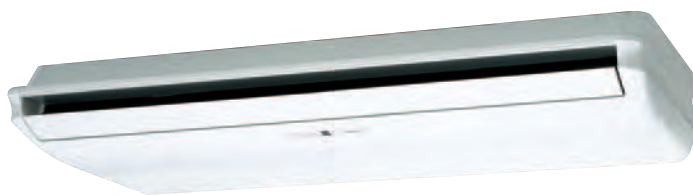
Models: ABY18ABAJ / ABY24ABAJ / ABY18RBAJ / ABY24RBAJ

(Unit : mm)



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

Model : ABY30ABA-W / ABY36ABA3W [3phase] / ABY45ABA3W [3phase] / ABY54ABA3W [3phase]
ABY30RBA-W / ABY36RBA3W [3phase] / ABY45RBA3W [3phase] / ABY54RBA3W [3phase]



Wireless R.C.



AOY30AMBH
AOY30RMCL

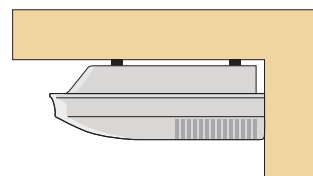


AOY36APA3L, AOY36RPA3L
AOY45APA3L, AOY45RPA3L
AOY54APA3L, AOY54RPA3L



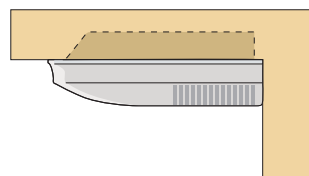
Installation

Open



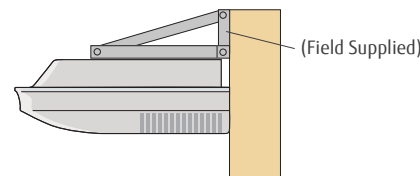
General installation pattern which suspends the indoor unit from the ceiling.

Concealed



Installation pattern where part of the indoor unit is embedded into the ceiling.

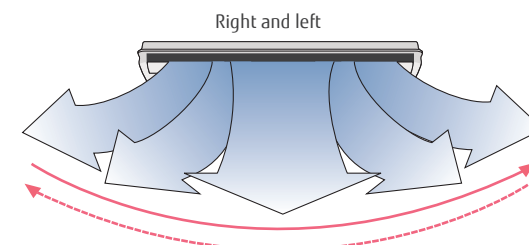
Wall mounted



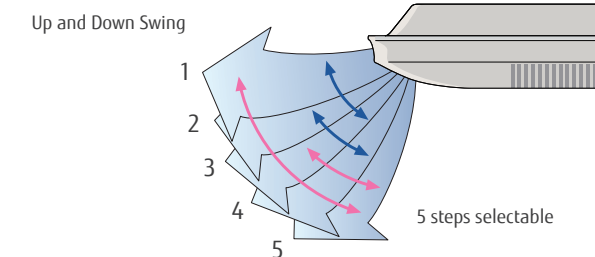
Installation which fixes the indoor unit to the wall by the use of wall brackets (Field supplied). This type of installation can be used when the ceiling space is insufficient.

Double auto swing and wide airflow

Auto airflow direction and auto swing

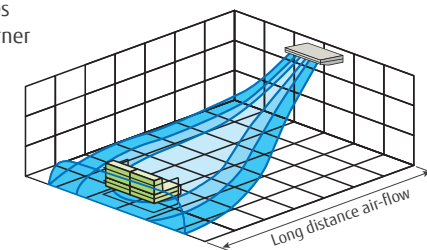


5 steps selectable

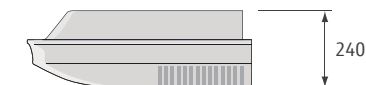


Long Airflow

Long Airflow ensures comfort to every corner of a large room.

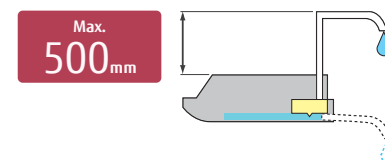


Slim & Compact design

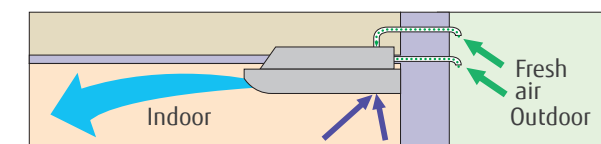


Condensate lift-up mechanism (Option)

Optional drain lift-up mechanism allows flexible installation.



Fresh air intake



Long-life filter

High efficiency long-life filter doubles the life of the filter compared to standard filters.

Optional parts

Drain Pump Unit:

UTR-DPB24T

Flange:

UTD-RF204

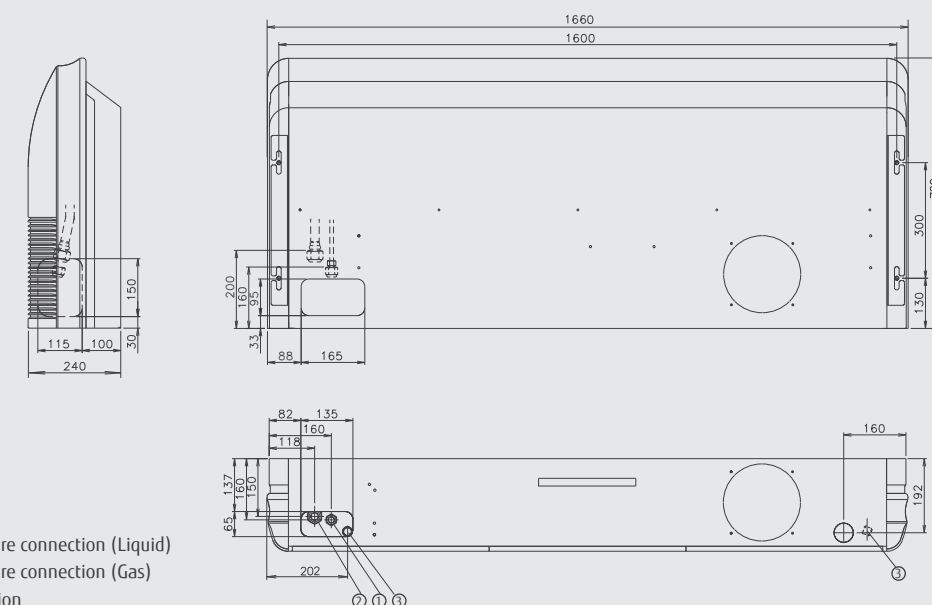
Specifications

Model No.	Indoor unit	ABY30ABA-W	ABY36ABA3W	ABY45ABA3W	ABY54ABA3W	ABY30RBA-W	ABY36RBA3W	ABY45RBA3W	ABY54RBA3W
	Outdoor unit	AOY30AMBH	AOY36APA3L	AOY45APA3L	AOY54APA3L	AOY30RMCL	AOY36RPA3L	AOY45RPA3L	AOY54RPA3L
Power Source	V/Ø/Hz	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Capacity	Cooling	kW	8.60-8.80	10.30-10.50	12.40-12.70	13.90-14.10	8.30-8.60	10.30-10.50	12.40-12.70
		BTU/h	29,400-30,000	32,520-36,000	42,500-43,500	47,500-48,000	29,400-30,000	35,200-35,800	42,300-43,300
	Heating	kW	-	-	-	-	9.30-9.50	10.50-10.70	13.40-13.70
		BTU/h	-	-	-	-	30,100-31,000	35,800-36,500	45,700-46,800
Input Power	Cooling/Heating	kW	3.20-3.30/-	3.80-3.90/-	4.45-4.57/-	5.20-5.25/-	3.25-3.35 / 2.95-3.10	4.00-4.10 / 3.45-3.50	4.35-4.45 / 4.45-4.50
EER	Cooling	W/W	2.69-2.67	2.71-2.69	2.79-2.78	2.67-2.69	2.55-2.57	2.58-2.56	2.85-2.85
COP	Heating	W/W	-	-	-	-	3.15-3.06	3.04-3.06	3.01-3.04
Running Current	Cooling/Heating	A	14.70-14.50/-	7.00-7.20/-	7.50-7.50/-	9.00-8.90/-	15.0-14.8 / 13.6-13.9	7.0-7.0 / 6.2-6.3	8.1-8.3 / 8.4-8.4
Moisture Removal		l/h	4.0	4.0	5.5	6.0	4.0	5.5	5.5
Airflow Rate (High)	Indoor	m³/h	1,270	1,660	1,850	2,100	1,270	1,660	1,850
Net Dimension HxWxD	Indoor	mm	240x1,660x700	240x1,660x700	240x1,660x700	240x1,660x700	240x1,660x700	240x1,660x700	240x1,660x700
		kg(lbs)	48.0 (106)	48.0 (106)	48.0 (106)	49.0 (108)	48.0 (106)	48.0 (106)	49.0 (108)
Net Weight	Outdoor	mm	900x900x350	1,152x940x370	1,152x940x370	1,152x940x370	900x900x350	1,152x940x370	1,152x940x370
		kg(lbs)	84.0 (185)	94.0 (207)	102.0 (224)	112.0 (246)	80.0 (176)	110.0 (242)	120.0 (264)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/19.05	9.52/19.05	9.52/19.05	9.52/15.88	9.52/19.05	9.52/19.05
Drain Pipe 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	30(7.5)	50(12.5)	50(12.5)	50(12.5)	25(6.3)	50(12.5)	50(12.5)
Max Height Difference		m	15	30	30	30	15	30	30
Operation Range	Cooling	°CDB	21 to 52	0 to 52	0 to 52	0 to 52	0 to 52	0 to 52	0 to 52
Refrigerant	Heating	°CDB	-	-	-	-	-5 to 21	-8 to 21	-8 to 21
			R22	R22	R22	R22	R22	R22	R22

Dimensions

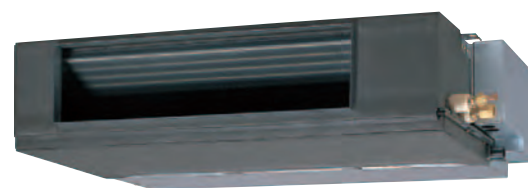
Models: ABY30ABA-W / ABY36ABA3W / ABY45ABA3W / ABY54ABA3W
ABY30RBA-W / ABY36RBA3W / ABY45RBA3W / ABY54RBA3W

(Unit : mm)



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

Model : ARY18FUAL



Universal Type



Wired R.C.

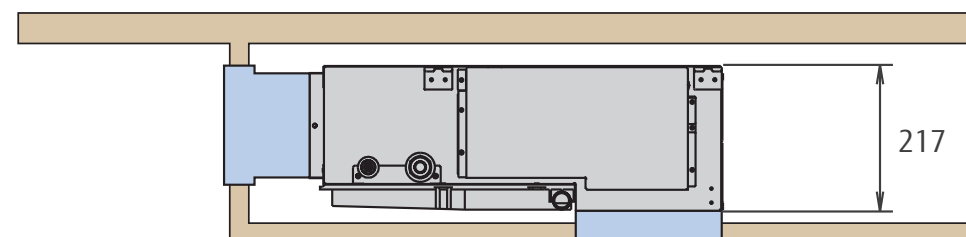


AOY18FNDN



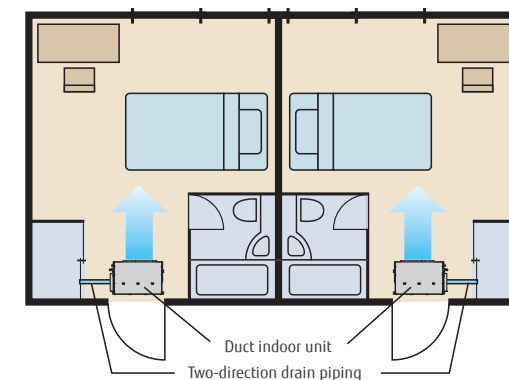
Compact design

Ultra-slim duct air conditioner for easy installation



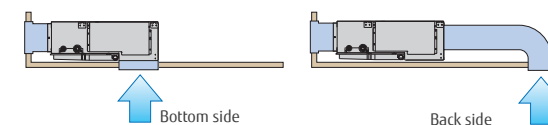
Slim size (217mm) allows installation even where the space behind the ceiling is narrow.

Two-direction drain piping

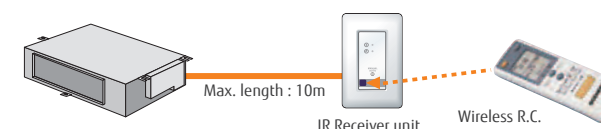


Air-intake

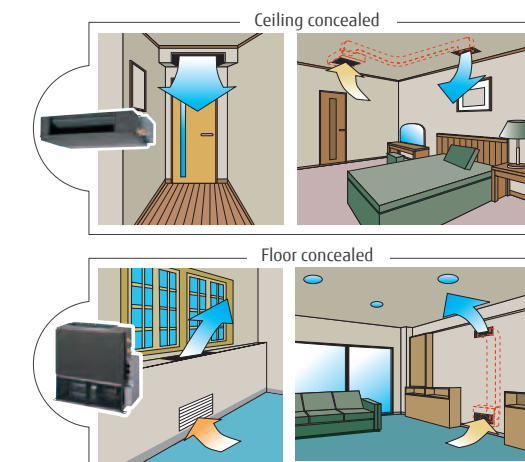
Air intake direction can be selected to match the installation site.



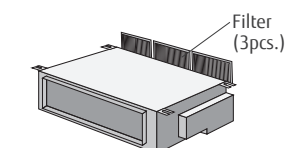
Optional function for comfort



Flexible installation



Filter (Accessory)



Optional parts

Simple Remote Controller:	UTB-YPB
Remote Sensor Unit:	UTD-RS100 / UTY-XSZX
IR Receiver Unit:	UTY-LRJY1
Drain Pump Unit:	UTZ-PX1BBA

Specifications

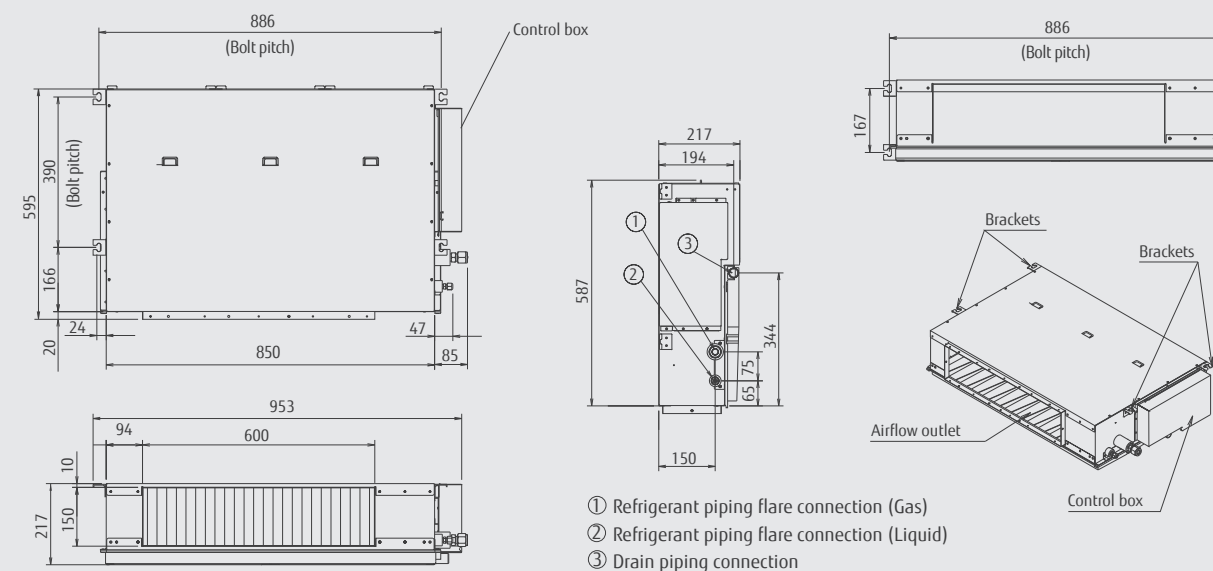
Model No.	Indoor unit		ARY18FUAL
	Outdoor unit		AOY18FNDN
Power Source		V/Ø/Hz	220-240/1/50
Capacity	Cooling	kW	5.30-5.40
		BTU/h	18,100-18,400
Input Power	Cooling	kW	1.90-2.00
EER	Cooling	W/W	2.79-2.70
Running Current	Cooling	A	9.0-8.9
Moisture Removal		l/h	1.6
Sound Pressure	Indoor (High)	dB(A)	43
	Outdoor		53
Airflow Rate (High)	Indoor	m³/h	960
	Outdoor		3,400
Net Dimension HxWxD	Indoor	mm	217x953x595
Net Weight	Indoor	kg(lbs)	25.0(55)
	Outdoor	mm	650x830x320
	Outdoor	kg(lbs)	51.0(113)
Piping Connections (Small / Large)		mm	6.35/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	21.5/26.0
Max Pipe Length (Pre-Charge)		m	20
Max Height Difference		m	8
Operation Range	Cooling	°CDB	21 to 52
Refrigerant			R410A

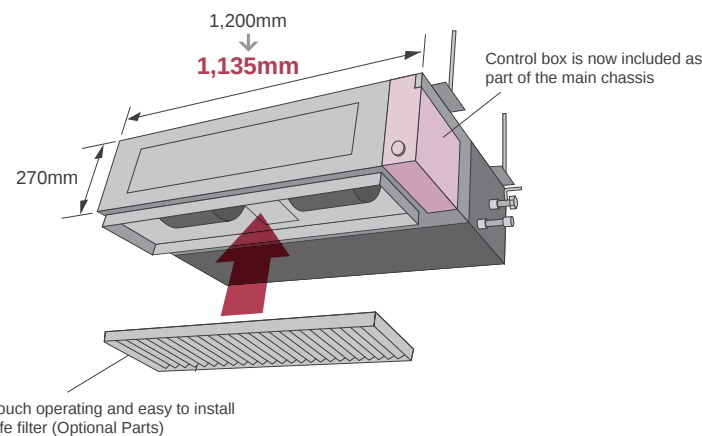
Dimensions

Models: ARY18FUAL

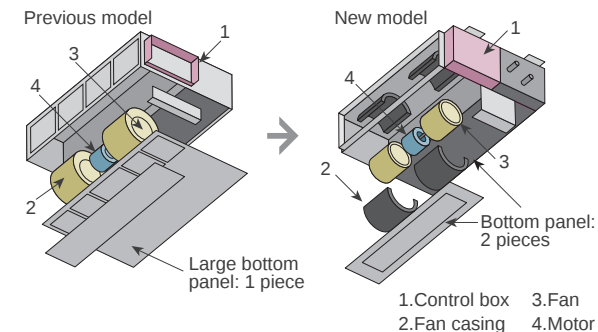
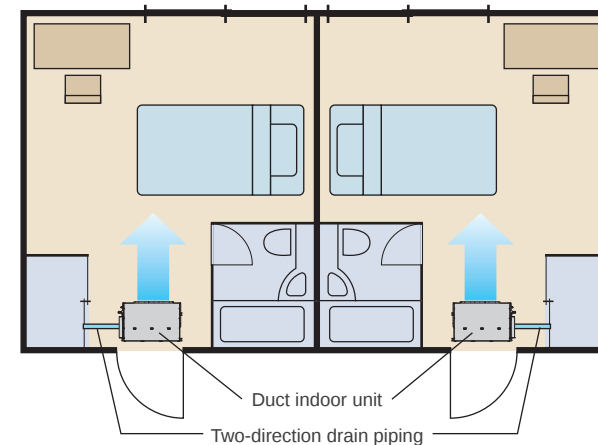
(Unit : mm)

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

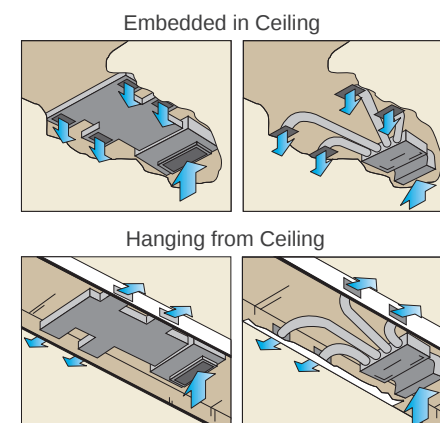




Model No.	Indoor unit		ARY25ALC	ARY30ALC	ARY36ALD3	ARY45ALC3	ARY25RLC	ARY30RLC	ARY36RLC3	ARY45RLC3
	Outdoor unit		AOY25ANBL	AOY30AMBH	AOG36APA3L	AOY45APA3L	AOY25RNBL	AOY30RMBL	AOY36RPA3L	AOY45RPA3L
Power Source		V/ Ø/Hz	220-240/150	220-240/150	380-415/3/50	380-415/3/50	220-240/150	220-240/150	380-415/3/50	380-415/3/50
Capacity	Cooling	kW	7.00-7.10	8.60-8.80	10.30-10.50	12.40-12.70	6.95-7.05	8.30-8.60	10.30-10.50	12.40-12.70
		BTU/h	23,900-24,200	29,400-30,000	35,200-36,000	42,500-43,500	23,200-24,100	28,300-29,400	35,200-35,800	42,300-43,300
	Heating	kW	—	—	—	—	7.75-8.00	9.30-9.50	10.50-10.70	13.40-13.70
		BTU/h	—	—	—	—	26,400-27,300	31,700-32,400	35,800-36,500	45,700-46,800
Input Power	Cooling/Heating	kW	2.64-2.77 / —	3.30-3.40 / —	3.90-4.00 / —	4.50-4.57 / —	2.70-2.80 / 2.45-2.55	3.40-3.55 / 3.05-3.20	4.20-4.30 / 3.35-3.40	4.50-4.57 / 4.25-4.35
EER	Cooling	—	2.65-2.56	2.61-2.59	2.64-2.63	2.76-2.78	2.52-2.52	2.44-2.42	2.45-2.44	2.76-2.78
COP	Heating	W/W	—	—	—	—	3.04-3.02	3.05-2.97	3.13-3.15	3.15-3.15
Running Current	Cooling/Heating	A	13.00-13.00 / -	15.8-16.3 / -	6.60-6.60 / -	8.10-8.30 / -	212-216 / 116-111-6	15.9-15.7 / 14.5-14.7	7.4-7.2 / 6.2-6.3	8.1-8.3 / 7.8-8.1
Moisture Removal		l/h	2.5	4.0	3.1	6.0	2.5	4.0	5.0	6.0
Airflow Rate (High)	Indoor	m³/h	1,100	1,750	2,000	2,200	1,094	1,650	1,800	1,840
Net Dimension H×W×D Net Weight	Indoor	mm	270x1,120x700	270x1,120x700	270x1,120x700	270x1,120x700	270x1,120x700	270x1,120x700	270x1,120x700	270x1,120x700
		kg(lbs)	43.0 (95)	43.0 (95)	45.0 (99)	45.0 (99)	43.0 (95)	43.0 (95)	45.0 (99)	45.0 (99)
	Outdoor	mm	643x840x336	900x900x350	1,152x940x370	1,152x940x370	643x840x336	900x900x350	1,152x940x370	1,152x940x370
		kg(lbs)	65.0 (143)	79.0 (174)	94.0 (207)	102.0 (224)	66.0 (152)	80.0 (176)	100.0 (220)	110.0 (243)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/19.05	9.52/19.05	9.52/15.88	9.52/15.88	9.52/19.05	9.52/19.05
Drain Pipe Diameter (I.D./O.D.)			36.0/38.0	36.0/38.0	36.0/38.0	36.0/38.0	36.0/38.0	36.0/38.0	36.0/38.0	36.0/38.0
Max Pipe Length (Pre-Charge)			25(7.5)	30(7.5)	50(10)	50(20)	25(7.5)	30(7.5)	50(10)	50(20)
Max Height Difference		m	15	15	30	30	15	15	30	30
Operation Range	Cooling	°CDB	21 to 43	0 to 43	0 to 52	0 to 52	0 to 43	0 to 43	0 to 52	0 to 52
	Heating		—	—	—	—	-5 to 21	-5 to 21	-8 to 21	-8 to 21
Refrigerant			R22	R22	R22	R22	R22	R22	R22	R22



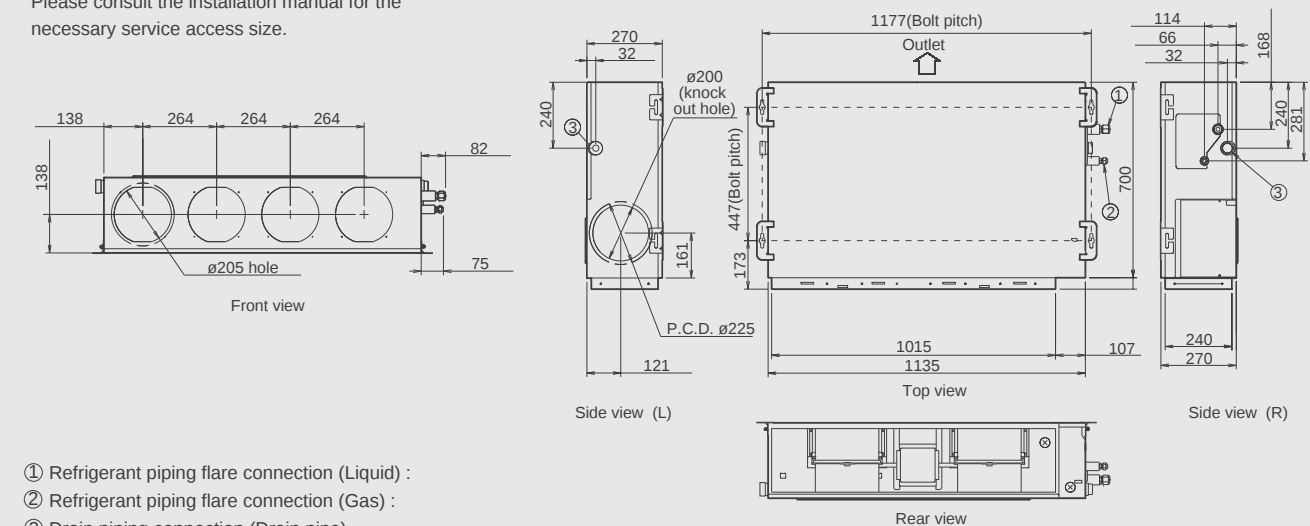
Structural improvement is attained by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while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



Simple Remote Controller:	UTY-RSNYM
Flange:	UTD-RF204 / UTD-SF045T
Drain Pump Unit:	UTZ-PX1NBA
Long Life Filter:	UTD-LF25NA
External Control Set:	UTD-ECS5A

(Unit : mm)

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



Model : ARY60AUAK [3phase] / ARY60RUAK [3phase]



Model : ARY90ELC3 [3phase] / ARY90TLC3 [3phase]

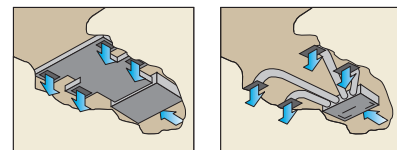


Design also corresponding to high static pressure

Model: ARY90TLC3



MAX.
300pa

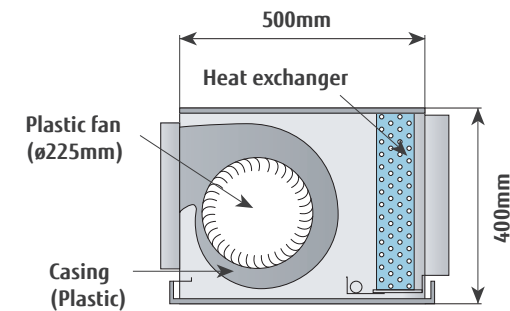


Low noise

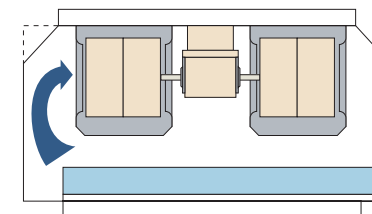
Turbulent air flow is reduced by cutting off the corners of conventional indoor unit front panel and fan case

Low noise is realized by adopting plastic case, plastic fan.

Plastic fan [45dB(A)]
(ARY60AUAK / ARY60RUAK)



(ARY60AUAK / ARY60RUAK)



* Model : Material (At 100Pa :
Actual noise measurement value)

Pursuance of amenity performance

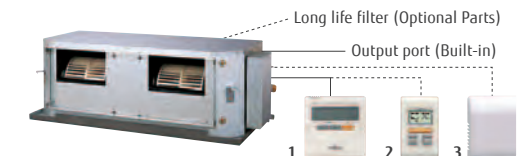
Various remote controllers and sensors can be selected

1.Wired Remote Controller with Thermo Sensor

- Room temperature sensor selection
- WEEKLY timer
- Temperature SET BACK timer
- Group control system
- Child lock
- Dual remote controllers
- <Optional parts>
- AUTO restart
- Energy saving
- Auto changeover (for heating)
- Hot start (for heating)

2.Simple Remote Controller (Optional Parts)

3.Remote Sensor (Optional Parts)



Optional parts

Simple Remote Controller:	UTY-RSNYM
Long-Life Filter:	UTD-LF60KA (For ARY60AUAK / ARY60RUAK)
Remote Sensor Unit:	UTY-XSZX
External Control Set:	UTD-ECS5A (For ARY60AUAK / ARY60RUAK)
IR Receiver Unit:	UTY-LRHY1

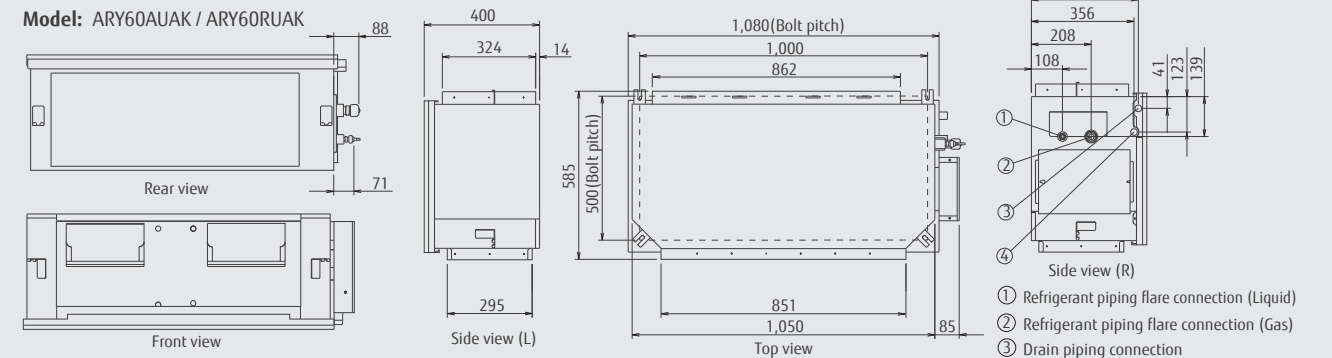
Specifications

Model No.	Indoor unit		ARY60AUAK	ARY60RUAK	ARY90ELC3	ARY90TLC3
	Outdoor unit		AOY60APAGT	AOY60RPAGT	AOY90EPD3L	AOY90TPC3L
Power Source		V/Ø/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Capacity	Cooling	kW	16.40-17.00	16.40-17.00	25.40-25.40	24.80-25.40
		BTU/h	56,000-58,000	56,000-58,000	86,700-86,700	84,700-86,700
	Heating	kW	—	17.80-18.20	—	28.90-29.50
		BTU/h	—	61,000-62,100	—	98,500-100,500
Input Power	Cooling/Heating	kW	5.80-5.90 / —	5.90-6.00 / 5.05-5.25	10.50-10.50 / —	12.20-12.50 / 12.20-12.50
EER	Cooling	—	2.83-2.88	2.78-2.83	2.42-2.42	2.03-2.03
COP	Heating	W/W	—	3.52-3.47	—	2.37-2.36
Running Current	Cooling/Heating	A	9.80-9.80 / —	9.80-9.80 / 8.70-8.70	17.50-17.00 / —	19.50-19.50 / 19.50-19.50
Moisture Removal		l/h	6.5	6.5	7.0	7.5
Airflow Rate (High)	Indoor	m³/h	3,600	3,600	4,300	4,300
Net Dimension H×W×D Net Weight	Indoor	mm	400x1,150x585	400x1,150x585	450x1,550x700	450x1,550x700
		kg(lbs)	50.0 (110)	50.0 (110)	85.0 (187)	85.0 (187)
	Outdoor	mm	1,355x940x370	1,355x940x370	1,380x1,300x650	1,380x1,300x650
		kg(lbs)	121.0 (266)	129.0 (284)	243.0 (535)	245.0 (539)
Piping Connections (Small / Large)		mm	9.52/19.05	9.52/19.05	12.7/28.58	12.7/28.58
Max Pipe Length (Pre-Charge)		m	50(7.5)	50(20)	50(30)	50(30)
Max Height Difference		m	30	30	30	30
Operation Range	Cooling	°CDB	0 to 52	0 to 52	0 to 46	0 to 46
	Heating	°CDB	—	-8 to 24	—	-10 to 21
Refrigerant			R22	R22	R407C	R407C

*The measurement static pressure of ARY60AU/RU is 100Pa and ARY90EL/TL is 196Pa.

Dimensions

Model: ARY60AUAK / ARY60RUAK



Model: ARY90ELC3 / ARY90TLC3

