

## PRODUCT CATEGORY

# SPLIT



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

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

### S-002 **INVERTER Split All Type Lineup**

### S-004 **INVERTER: Models by Country**

For Singapore  
For Vietnam










### S-012 **INVERTER: Common Models**



















Compact Cassette  
Circular Flow Cassette  
Ceiling  
Slim Duct  
Medium Static Pressure Duct  
High Static Pressure Duct  
Big Duct

### S-030 **Feature Summary**



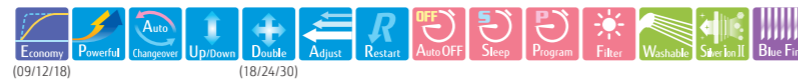
# Split All Type Lineup

INVERTER : Models by Country			Class										
Type	Refrigerant	Model	9	12	18	24	30	36	45	54	60	72	90
 for Singapore	 Cooling only	 09/12    18    24/30	ASAG09CMTA	ASAG12CMTA	ASAG18CMTA	ASAG24CMTA	ASAG30CMTA						
	 Cooling only					AUAH24CRLA		AUAH36CRLA					
 for Vietnam	 Cooling only	 09/12    18    24	ASAG09CPTA-V	ASAG12CPTA-V	ASAG18CPTA-V	ASAG24CPTA-V							
	 Cooling only Heating & Cooling		ASAG09LLTB-V	ASAG12LLTA-V									

INVERTER : Common Models			Class										
Type	Refrigerant	Model	9	12	18	24	30	36	45	54	60	72	90
Compact cassette	 Heating & Cooling				AUXG18KVLA	AUXG24KVLA							
	 Heating & Cooling				AUYG18LVLB	AUYG24LVLA							
Circular Flow Cassette	 Heating & Cooling	 18/24    30/36/45/54			AUXG18KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB			
Ceiling	 Heating & Cooling	 18    24/30    36/45			ABYG18KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA				
Slim Duct	 Heating & Cooling				ARXG18KLLAP								
Medium Static Pressure Duct	 Heating & Cooling					ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA				
High Static Pressure Duct	 Heating & Cooling								ARXG45KHTB	ARXG54KHTB			
	 Heating & Cooling										ARYG60LHTA		
Big Duct	 Heating & Cooling											ARYG72LHTA	ARYG90LHTA

NEW

# Wall Mounted



Model: ASAG09CMTA / ASAG12CMTA / ASAG18CMTA / ASAG24CMTA / ASAG30CMTA



### Specifications

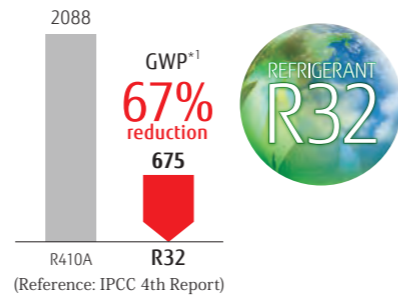
Model No.	Indoor unit		ASAG09CMTA	ASAG12CMTA	ASAG18CMTA	ASAG24CMTA	ASAG30CMTA
	Outdoor unit		AOAG09CMTA	AOAG12CMTA	AOAG18CMTA	AOAG24CMTA	AOAG30CMTA
Power Source		V/Ø/Hz	230/1/50				
Capacity	Cooling	BTU/h	9,500 (3,070-14,300)	11,900 (3,070-15,500)	17,400 (5,500-23,100)	20,400 (6,000-26,600)	24,200 (9,700-31,500)
		kW	2.79 (0.90-4.19)	3.50 (0.90-4.54)	5.10 (1.61-6.77)	5.99 (1.76-7.79)	7.10 (2.84-9.23)
Input Power	Cooling	kW	0.54	0.72	1.12	1.34	1.65
EER	Cooling	W/W	5.17	4.86	4.55	4.47	4.3
Running Current	Cooling	A	3.0	3.7	5.2	6.1	7.6
Moisture Removal		l/h	0.48	0.77	1.26	0.88	1.37
Sound Pressure (Cooling)	Indoor (H/M/L/Q)	dB(A)	39/35/30/20	43/35/30/20	47/42/36/30	45/39/34/30	49/45/40/32
	Outdoor		46	48	54	54	55
Airflow Rate (Cooling)	Indoor (H/M/L/Q)	m³/h	670/560/430/250	760/560/430/250	1010/850/630/500	1130/900/740/660	1360/1130/960/720
	Outdoor		2,000	2,210	3,040	3,240	4,150
Net Dimensions H x W x D	Indoor / Grille	mm	270 x 834 x 222	270 x 834 x 222	280 x 980 x 240	340 x 1150 x 280	340 x 1150 x 280
			kg(lbs)	10(22)	10(22)	12.5(28)	16(35)
Net Weight	Outdoor	kg(lbs)	632 x 799 x 290	632 x 799 x 290	716 x 820 x 315	716 x 820 x 315	788 x 940 x 320
			35(77)	35(77)	41(90)	41(90)	53(117)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	9.52/15.88
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 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	30 (15)	30 (15)	50 (20)
Max. Height Difference		m	15	15	25	25	30
Operation Range	Cooling	°CDB	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46
Refrigerant			R32	R32	R32	R32	R32

Note : Specifications are based on the following conditions.  
Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

### Adopting new R32 refrigerant

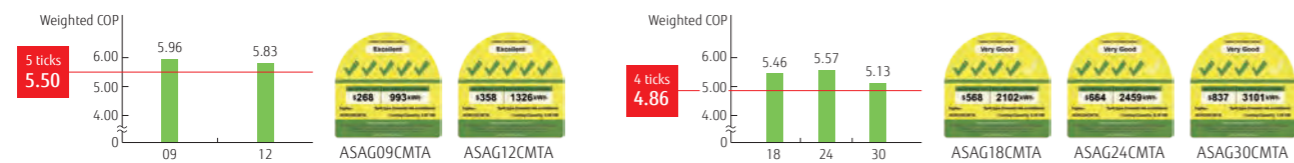
R32 refrigerant is an environmentally friendly refrigerant with a significantly lower Global Warming Potential (GWP) than conventional refrigerant.

\*1 GWP (Global Warming Potential): a measurement that indicates how much other greenhouse gases are capable of warming the Earth based on carbon dioxide. This is the integrated value of radiant energy given to the Earth (i.e., the estimated impact on global warming) expressed as a ratio to CO2.



### High energy saving

New models have achieved the top energy efficiency level (5 ticks) by inverter technology.



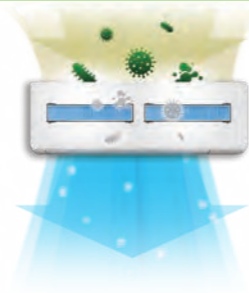
### PM2.5 + Anti-virus filter

The filter inhibits the activities of viruses\*1, bacteria\*2 and molds\*3 trapped on the filter.

(only effective when the microorganism is trapped on the filter with dust or droplet)

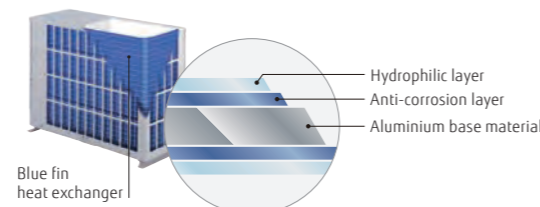
Clean the firmly catch the PM2.5 particles of 0.3~2.5µm.

(PM2.5 is a general term for micro particulate matter less than 2.5µm.)



### Blue fin heat exchanger

Blue fin heat-exchanger is used for the outdoor units, which enables to enhance the corrosion-resistance performance.

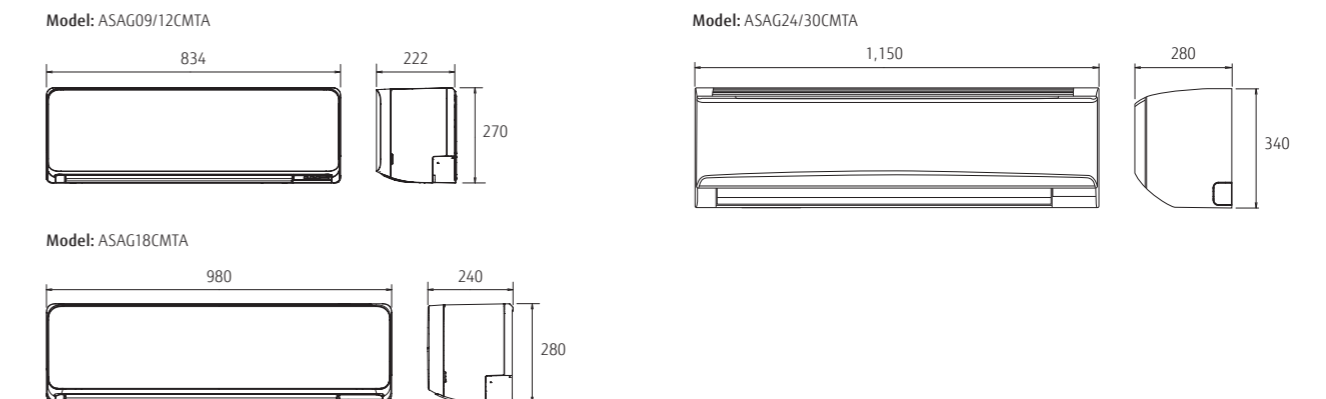


### Optional parts

- Compact wired remote controller: UTU-RCRYZ1
- Wired remote controller (touch panel): UTU-RNRYZ5
- Wired remote controller: UTU-RLRY
- Simple remote controller: UTU-RSRY, UTU-RHRY
- External input and output PCB: UTU-XCSXZ2
- External connect kit: UTU-XWZXZ5
- MODBUS converter: UTU-VMSX
- KNX Converter: UTU-VKSX
- External switch controller: UTU-TERX
- Communication kit: UTU-TWRXZ2
- Network Converter for single split (DC power supply type): UTU-VTGX
- Network Converter for single split (AC power supply type): UTU-VTGXV
- Wireless LAN adapter (USB type): UTU-TFSXF3

### Dimensions

(Unit : mm)



# Cassette Circular Flow Series



Model: AUAH24CRLA / AUAH36CRLA



### Specifications

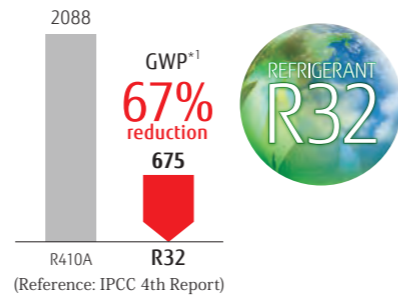
Model No.	Indoor unit		AUAH24CRLA		AUAH36CRLA	
	Outdoor unit		AOAH24CBTA		AOAH36CBTA	
Power Source		V/Ø/Hz	230 / 1 / 50			
Capacity	Cooling (Min.-Max.)	kW	7.10 (3.34 - 10.65)		10.0 (3.80 - 15.00)	
		Btu/h	24,200 ( 11,400 - 36,300)		34,100 (13,000 - 51,200)	
Input Power	Cooling	kW	1.46		2.05	
EER	Cooling		4.86		4.88	
COP (Weighted)	Cooling	W/W	5.89		5.80	
Running Current	Cooling	A	6.6		9.2	
Moisture Removal		l/h	1.2		2.4	
Sound Pressure (Cooling)	Indoor (H/M/L/Q)	dB(A)	41/38/36/33		46/42/39/36	
	Outdoor		53		52	
Airflow Rate (Cooling)	Indoor (H/M/L/Q)	m³/h	1560/1390/1300/1150		2000/1650/1460/1300	
	Outdoor		3,380		6,400	
Net Dimensions H x W x D	Indoor / Grille	mm	288 × 840 × 840 / 53 × 950 × 950		288 × 840 × 840 / 53 × 950 × 950	
		kg(lbs)	29 (64) / 6 (13)		29 (64) / 6 (13)	
Net Weight	Outdoor	mm	788 × 940 × 320		1,418 × 970 × 370	
		kg(lbs)	53 (117)		94 (207)	
Piping Connections (Small / Large)			9.52 / 15.88		9.52 / 15.88	
Drain Pipe Diameter (I.D./O.D.)		mm	Ø25 / Ø32		Ø25 / Ø32	
Max. Pipe Length (Pre-Charge)		m	50 (30)		55 (30)	
Max. Height Difference			30		30	
Operation Range	Cooling	°CDB	21 to 46		21 to 46	
Refrigerant			R32		R32	
Cassette Grille			UTG-UKYC-W		UTG-UKYC-W	

Note : Specifications are based on the following conditions.  
Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

### Adopting new R32 refrigerant

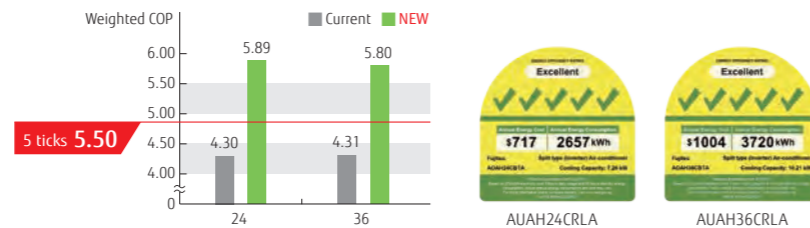
R32 refrigerant is an environmentally friendly refrigerant with a significantly lower Global Warming Potential (GWP) than conventional refrigerant.

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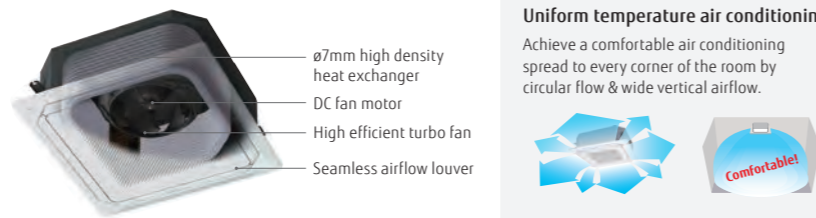
### High energy saving

New models have achieved the top energy efficiency level (5 ticks) by inverter technology.



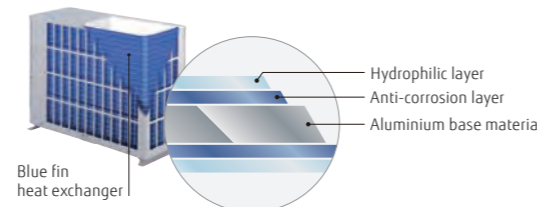
### Uniform air distribution by the seamless air opening

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



### Blue fin heat exchanger

Blue fin heat-exchanger is used for the outdoor units, which enables to enhance the corrosion-resistance performance.

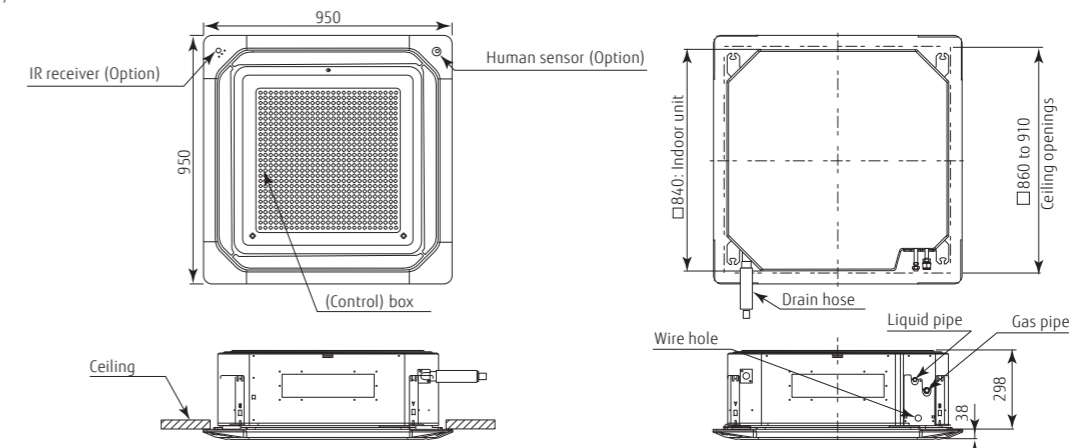


### Optional parts

- Compact wired remote controller: UTY-RCRYZ1
- Wired remote controller (touch panel): UTY-RNRYZ5
- Wired remote controller: UTY-RLRY
- Simple remote controller: UTY-RSRY, UTY-RHRY, UTG-UKYC-W, UTG-UKYA-B
- Wireless LAN Adapter: UTY-TFSXZ2
- Human sensor kit: UTY-SHZXC
- Air outlet shutter plate: UTR-YDZK
- Wide panel: UTG-AKXA-W
- Panel spacer: UTG-BKXA-W
- Insulation kit for high humidity: UTZ-KXRA
- Fresh-air intake kit: UTZ-VXRA
- IR receiver kit: UTY-LBTYC
- External switch controller: UTY-TERX
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGSX
- External input and output PCB: UTY-XCSX
- External input and output PCB box: UTZ-GXRA
- Modbus converter: UTY-VMSX
- KNX converter: UTY-VKSX
- External connect kit: UTY-XWZXZG

### Dimensions

(Unit : mm)

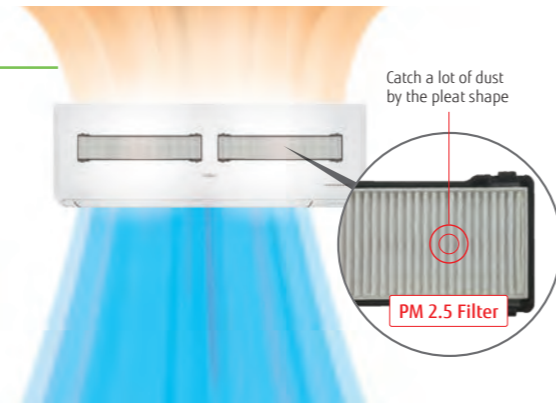


# Wall Mounted



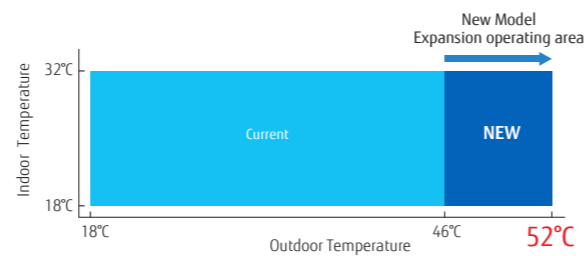
## PM 2.5 filter the newly adopted

Clean the air firmly catch the particles of 0.3 ~ 2.5 μm.  
\*PM 2.5 is a general term for micro particulate matter less than 2.5 μm.



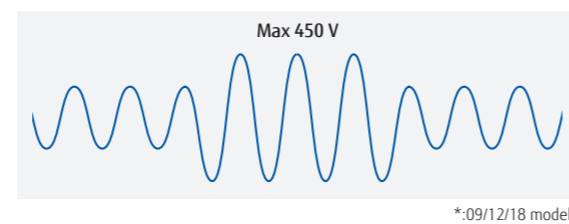
## Powerful Cooling

**High Temperature operation at 52°C**  
New system development expands the outdoor temperature upper limit from 46°C to 52°C. Provides a cool and comfortable environment even at 52°C.



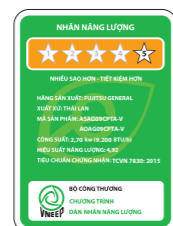
## High Reliability System (HRS)

**Withstands Spike Voltage up to 450 V\***  
The newly developed general PCB designed with a withstand spike voltage up to 450 V. The design is highly robust.



## 5-Star Rank in Energy Saving Program

This is ranked 5-Star in the energy labeling program in Vietnam.



## Adopting new refrigerant R32

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



Model: ASAG09CPTA-V / ASAG12CPTA-V / ASAG18CPTA-V / ASAG24CPTA-V



### Specifications

Model No.	Indoor unit		ASAG09CPTA-V	ASAG12CPTA-V	ASAG18CPTA-V	ASAG24CPTA-V
	Outdoor unit		AOAG09CPTA-V	AOAG12CPTA-V	AOAG18CPTA-V	AOAG24CPTA-V
Power Source		V/Ø/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.70(0.7-2.9)	3.37(0.8-3.5)	5.28(1.3-5.4)	7.04(1.8-7.0)
		Btu/h	9,200(2,400-9,900)	11,500(2,900-12,100)	18,000(4,500-18,400)	24,000(6,000-24,000)
Input Power	Cooling	kW	0.81	1.18	1.88	2.39
EER	Cooling	W/W	3.33	2.86	2.81	2.95
CSPF			4.68	4.62	4.63	5.64
Running Current	Cooling	A	4.2	5.9	8.8	11.1
Moisture Removal		l/h	1.0	1.5	1.9	2.7
Sound Pressure Level (Cooling)	Indoor (High)	dB(A)	43	43	49	50
	Outdoor		50	50	51	53
Airflow Rate (Cooling)	Indoor (High)	m³/h	550	550	940	1,160
	Outdoor		1,910	1,910	1,660	2,885
Net Dimensions H x W x D	Indoor	mm	270 x 784 x 224	270 x 784 x 224	270 x 834 x 239	280 x 980 x 240
		kg(lbs)	8.5(19)	8.5(19)	11.0(24)	12.5(28)
Net Weight	Outdoor	mm	541 x 663 x 290	541 x 663 x 290	541 x 663 x 290	632 x 799 x 290
		kg(lbs)	22.0(49)	22.0(49)	27.0(60)	36.0(79)
Piping Connections (Small / Large)			6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8	11.8/15.0 to 16.8	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	20(10)	20(10)	20(10)	25(15)
Max. Height Difference			15	15	15	20
Operation Range	Indoor	°CDB	18 to 32	18 to 32	18 to 32	18 to 32
	Outdoor		18 to 52	18 to 52	18 to 52	18 to 52
Refrigerant			R32	R32	R32	R32

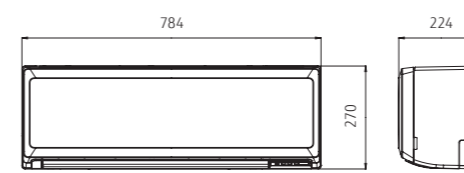
### Optional parts

Silver Ion Filter II: UTR-FA16-7

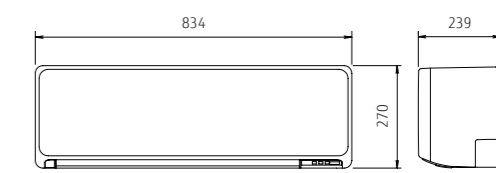
### Dimensions

(Unit : mm)

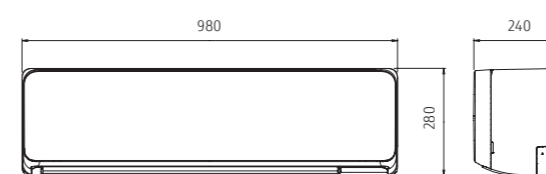
Model: ASAG09CPTA-V / ASAG12CPTA-V



Model: ASAG18CPTA-V



Model: ASAG24CPTA-V

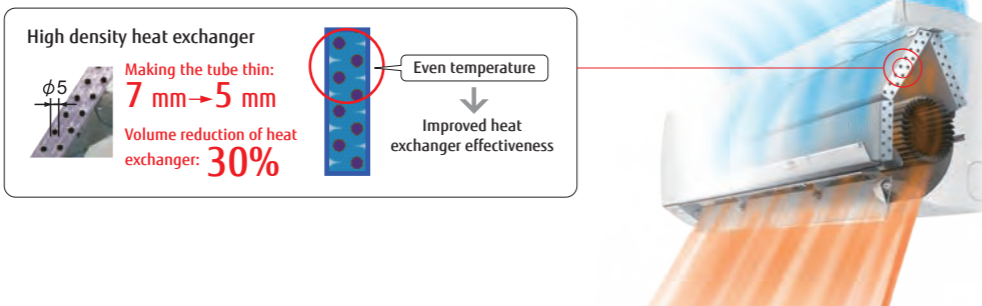


# Wall Mounted



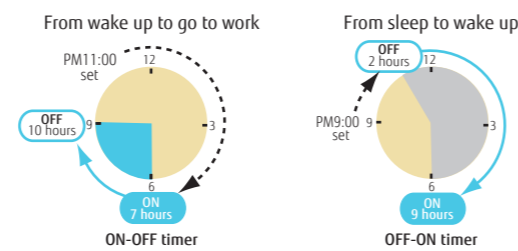
## High Efficient Compact Design

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



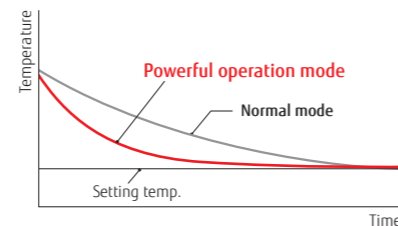
## More Convenient Timer

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



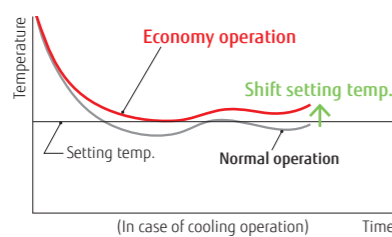
## Powerful operation

Reach the setting temperature quickly.



## Economy operation

Setting temp. is shifted by 1°C automatically.



## Easy maintenance

Removable & washable panel



Model: ASAG09LLTB-V / ASAG12LLTA-V



Wireless R.C.



AOAG09LLTB-V  
AOAG12LLTA-V

## Specifications

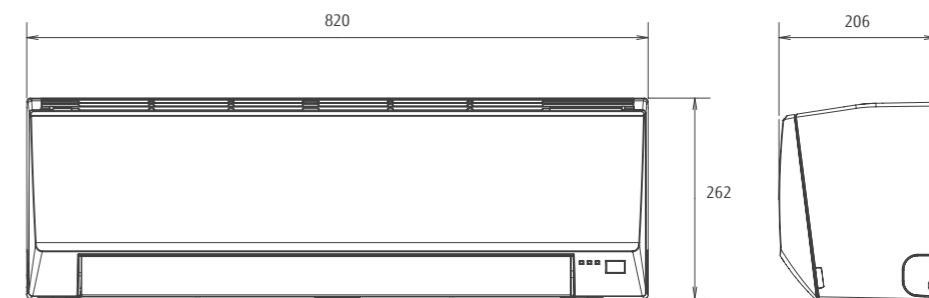
Model No.	Indoor unit		ASAG09LLTB-V	ASAG12LLTA-V
	Outdoor unit		AOAG09LLTB-V	AOAG12LLTA-V
Power Source		V/Ø/Hz	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.50(0.9-3.0)	3.40(0.9-3.8)
		Btu/h	8,500(3,070-10,230)	11,600(3,070-12,960)
	Heating (Min.-Max.)	kW	3.00(0.9-3.8)	4.00(0.9-5.0)
		Btu/h	10,200(3,070-12,960)	13,600(3,070-17,060)
Input Power	Cooling/Heating	kW	0.72/0.74	1.10/1.13
EER	Cooling	W/W	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 Level (Cooling/Heating)	Indoor (High)	dB(A)	43/43	43/43
	Outdoor	dB(A)	47/48	50/51
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	720/740	720/740
	Outdoor	m³/h	1,670/1,470	1,830/1,600
Net Dimensions H x W x D	Indoor	mm	262 x 820 x 206	262 x 820 x 206
		kg(lbs)	7.0 (15)	7.0 (15)
Net Weight	Outdoor	mm	540 x 660 x 290	540 x 660 x 290
		kg(lbs)	25.0 (55)	28.0 (62)
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20(15)	20(15)
Max. Height Difference			15	15
Operation Range	Cooling	°CDB	18 to 46	18 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R410A	R410A

## Optional parts

Remote Controller Holder Kit: UTZ-RXLA

## Dimensions

(Unit : mm)



# Compact Cassette

Compact 4-way Flow Series  
Compact Size



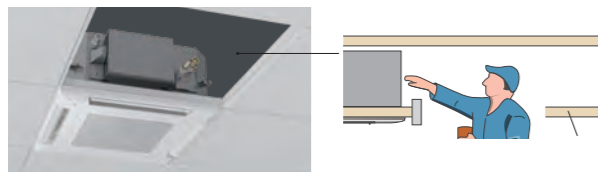
## Compact and stylish panel design

The compact and stylish panel fits nicely into a grid-type ceiling. Its linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



## Easy maintenance

You can access the unit for maintenance simply by removing a ceiling panel next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



The air inlet grille can be installed to open in any direction for easy maintenance.



## Flexible installation

The unit fits nicely into the decor of a grid-type ceiling and can be installed near the lighting or a ventilation opening.



Model: AUXG18KVLA / AUXG24KVLA



## Specifications

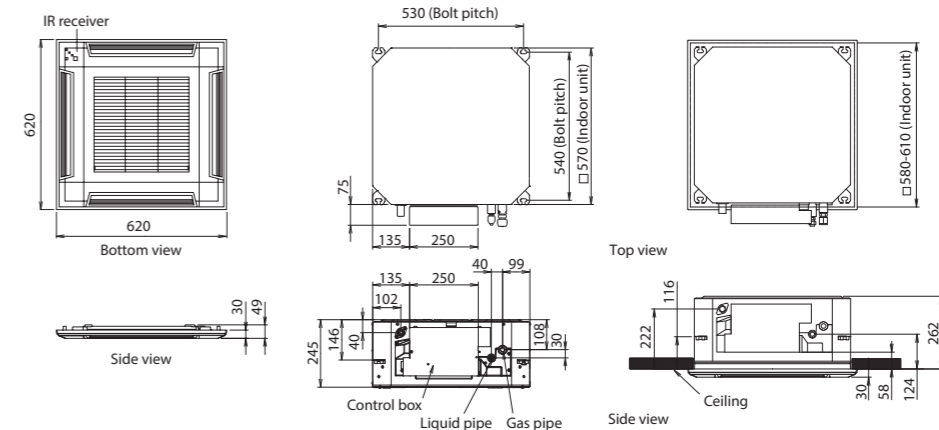
Model name	Indoor unit		AUXG18KVLA	AUXG24KVLA
	Outdoor unit		AOYG18KATA	AOYG24KATA
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	6.8 (0.9-7.4)
	Heating (Min.-Max.)	Btu/h	17,700 (3,100-18,400)	23,200 (3,100-25,200)
Input Power	Cooling	kW	6.0 (0.9-6.3)	7.5 (0.9-8.6)
	Heating	Btu/h	20,500 (3,100-21,400)	25,600 (3,100-29,300)
EER	Cooling/Heating	kW	1.69/1.72	2.26/2.08
COP	Cooling	W/W	3.08	3.01
	Heating	W/W	3.49	3.61
Running Current	Cooling/Heating	A	7.8 / 7.9	10.0 / 9.1
Moisture Removal		l/h	2.2	2.7
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	38/43	49/49
	Outdoor	dB(A)	51/52	54/55
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	680 / 800	930 / 930
	Outdoor	m³/h	1,710 / 1,840	2,885 / 2,350
Net Dimensions H x W x D	Indoor / grille	mm	245 × 570 × 570 / 49 × 620 × 620	245 × 570 × 570 / 49 × 620 × 620
		kg (lbs)	15 (33) / 2.3 (5)	16 (35) / 2.3 (5)
Weight	Outdoor	mm	542 × 799 × 290	632 × 799 × 290
		kg (lbs)	33 (73)	38 (84)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/12.70
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)
Max. Height Difference			15	20
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R32	R32
Cassette Grille	Model name		UTG-UFYF-W	UTG-UFYF-W

## Optional parts

Compact wired remote controller: UTY-RCRYZ1	Wireless remote controller: UTY-LNTY	Network Converter for single split (DC power supply type): UTY-VTGX
Wired remote controller (touch panel): UTY-RNRYZ5	External switch controller: UTY-TERX	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller: UTY-RLRY	Air Outlet Shutter Plate: UTR-YDZB	Insulation kit for high humidity: UTZ-KXGC
Simple remote controller (without operation mode): UTY-RHRY	External connect kit: UTY-XWZXZG	External input and output PCB: UTY-XCSX
Simple remote controller: UTY-RSRY	Cassette Grille: UTG-UFYF-W	External input and output PCB box: UTZ-GXRA
	Fresh air intake kit: UTZ-VXAA	WLAN adapter: UTY-TFSX22
	MODBUS converter: UTY-VMSX	
	KNX Converter: UTY-VKSX	

## Dimensions

(Unit: mm)



# Compact Cassette



## 2-stage turbo fan

High efficiency design by 2 stage structure

**Previous turbo fan**

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

**2-stage turbo fan**

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

Heat exchange efficiency: **20%UP**

Wind velocity

## Quiet quality

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

Designed by CFD-analysis (fluid) simulations

**Laminar wing**

Airflow runs through smoothly along the laminar wing

No airflow separation

**Quiet**

Spin direction

Airflow direction

Adoption of laminar wing

## Improvement of the airflow distribution

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

Bottom view

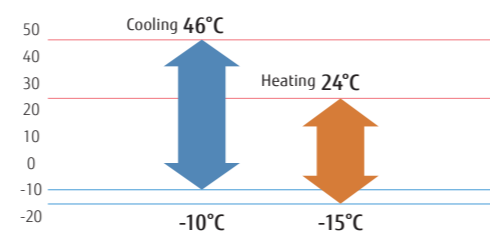
Front part Ceiling

Rear part

Round louver

Much less temperature irregularity by spreading airflow widely

## Wide operation range



Model : AUYG18LVLB / AUYG24LVLA



### Specifications

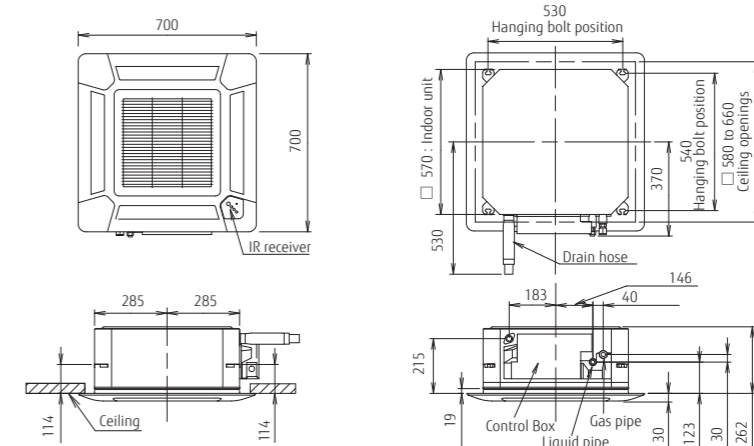
Model No.	Indoor unit		AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG18LBCB	AOYG24LBCB
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.20(0.9-5.9)	6.80(0.9-8.0)
		Btu/h	17,700(3,100-20,100)	23,200(3,100-27,300)
	Heating (Min.-Max.)	kW	6.00(0.9-7.5)	8.00(0.9-9.1)
		Btu/h	20,500(3,100-25,600)	27,300(3,100-31,000)
Input Power	Cooling/Heating	kW	1.62/1.66	2.21/2.26
EER	Cooling	W/W	3.21	3.08
COP	Heating		3.61	3.54
Running Current	Cooling/Heating	A	11.5-13.5	14.7-15.7
Moisture Removal		l/h	2.2	2.7
Sound Pressure Level (Cooling/Heating)	Indoor (High)		38/43	49/49
	Outdoor	dB(A)	50/50	53/54
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	680/800	930/930
	Outdoor		2,380/2,080	2,850/2,700
Net Dimensions H x W x D	Indoor / grille	mm	245 x 570 x 570 / 49 x 700 x 700	245 x 570 x 570 / 49 x 700 x 700
		kg(lbs)	15.0 (33) / 2.6 (6)	16.0 (35) / 2.6 (6)
Net Weight	Outdoor	mm	632 x 799 x 290	716 x 820 x 315
		kg(lbs)	36 (79)	42 (93)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/15.88
Drain Pipe Diameter (I.D./O.D.)			25/32	25/32
Max. Pipe Length (Pre-Charge)		m	25 (15)	30 (15)
Max. Height Difference			15	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant			R410A	R410A
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W

### Optional parts

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

### Dimensions

(Unit : mm)





# Cassette

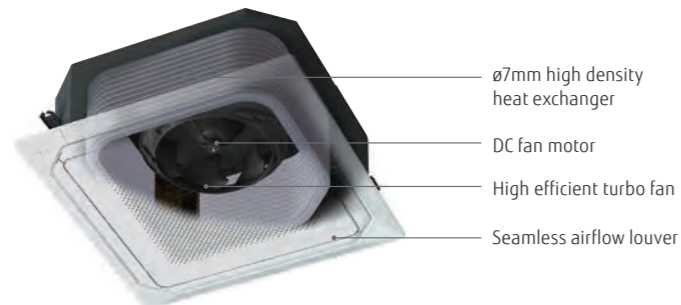
## Circular Flow Series

Comfort for Large Rooms



### Uniform air distribution by the seamless air opening

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



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



### Individual louver control

Each louver can be set individually by Touch Panel Wired Remote Controller to enjoy the comfort of different directional airflows according to various room layouts.

\*Touch Panel Wired RC (UTY-RNRYZ5) only



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

Efficient air conditioning based on the room layout

### Various Cassette Grille

Both black and white color grilles are available. There are three types, white color grille with Remote Controller, only white color grille and only black color grille. Possible to choose according to the atmosphere and the use of the room.



### Human Sensor for Energy Saving (Option)

• Human sensor



2 modes can be selected.

- Auto saving** Power is saved while people are away.
- Auto OFF** Operation stops after people go out.

\*Touch Panel Wired RC (UTY-RNRYZ5) only

Model: AUXG18KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB  
AUXG36KRLB [3-phase] / AUXG45KRLB [3-phase] / AUXG54KRLB [3-phase]



### Specifications

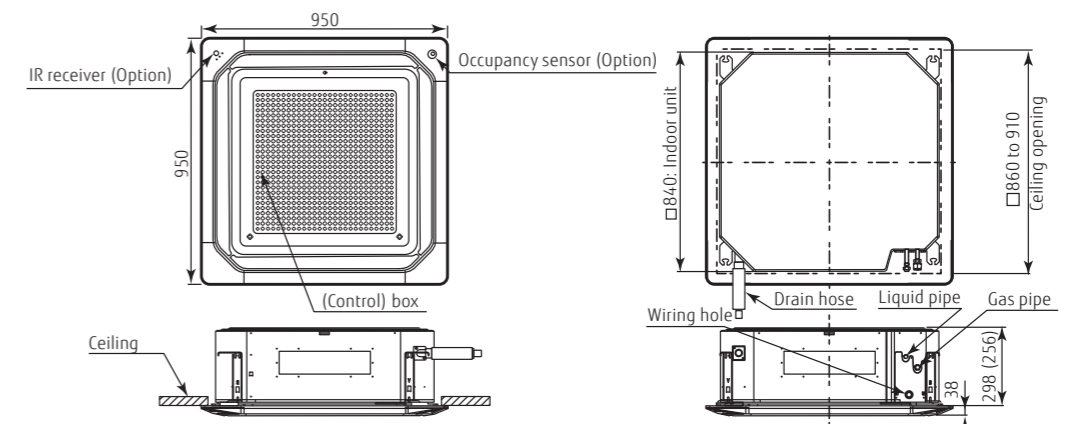
Model name	Indoor unit		AUXG18KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOYG18KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
	kW		5.2 (0.9-5.4)	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	13.4 (4.5-13.8)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	13.4 (4.5-13.8)
Capacity	Cooling (Min.-Max.)		Btu/h 17,700 (3,100-18,400)	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	45,700 (15,400-47,100)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	45,700 (15,400-47,100)
	Heating (Min.-Max.)		kW 20,500 (3,100-21,400)	25,600 (3,100-29,300)	34,100 (9,200-36,800)	36,900 (9,200-42,600)	46,000 (14,300-51,200)	52,900 (16,000-54,600)	36,900 (9,200-42,600)	46,000 (14,300-51,200)	52,900 (16,000-54,600)
Input Power	Cooling/Heating	kW	1.60/1.66	2.12/1.97	2.56/2.64	3.06/2.58	4.32/3.77	4.87/4.86	3.06/2.58	4.32/3.77	4.87/4.86
EER	Cooling	W/W	3.25	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75
COP	Heating	W/W	3.61	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19
Running Current	Cooling/Heating	A	7.4/7.7	9.3/8.7	11.3/11.7	13.6/11.4	18.8/16.6	21.4/21.3	5.9/5.9	7.8/7.0	8.6/8.6
Moisture Removal		l/h	1.5	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	33/33	35/35	40/40	44/44	46/46	47/47	44/44	46/46	47/47
	Outdoor	dB(A)	51/52	54/55	53/55	55/55	58/59	58/61	55/55	60/60	61/61
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,050/1,050	1,150/1,150	1,600/1,600	1,870/1,870	2,000/2,000	2,100/2,100	1,870/1,870	2,000/2,000	2,100/2,100
	Outdoor	m³/h	1,710/1,840	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450	4,450/4,780	3,750/3,750	4,450/4,450	4,450/4,780
Net Dimensions H x W x D	Indoor / grille	mm	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950	246 × 840 × 840 / 53 × 950 × 950
	Outdoor	kg (lbs)	23 (51) / 6.0 (13)	24 (53) / 6.0 (13)	26 (57) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)	29 (64) / 6.0 (13)
Weight	Indoor / grille	mm	542 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
	Outdoor	kg (lbs)	33 (73)	38 (84)	52 (115)	52 (115)	61 (134)	63 (139)	53 (117)	62 (137)	63 (139)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference		m	15	20	30	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32
Cassette Grille	Model name	UTG-UKYA-W: White wired remote controller (touch panel) / UTG-UKYA-W: White/UTG-UKYA-B*1: Black									

### Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Cassette Grille:	UTG-UKYA-B
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSX	UTG-UKYA-W	UTG-UKYA-W
Wired remote controller:	UTY-RLRY	External input and output PCB box:	UTZ-GXRA	UTG-UKYC-W	UTG-UKYC-W
	UTY-RNNYM	Insulation kit for high humidity:	UTZ-KXRA	UTR-YDZK	UTR-YDZK
	UTY-RVNYM	Fresh air intake kit:	UTZ-VXRA	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RHRY	Wide Panel:	UTG-AKXA-W	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple remote controller (without operation mode):	UTY-RSRY	Panel Spacer:	UTG-BKXA-W	External switch controller:	UTY-TERX
Simple remote controller:	UTY-RSNYM	External connect kit:	UTY-XWZXZG		
	UTY-SHZXC	MODBUS converter:	UTY-VMSX		
Occupancy sensor kit:	UTY-LBTYC	KNX Converter:	UTY-VKXS	(Outdoor unit 30/36/45/54)	
IR receiver unit				External connect kit:	UTY-XWZXZ3

### Dimensions

(Unit: mm)



( ): AUXG18/24KRLB

NEW

# Ceiling



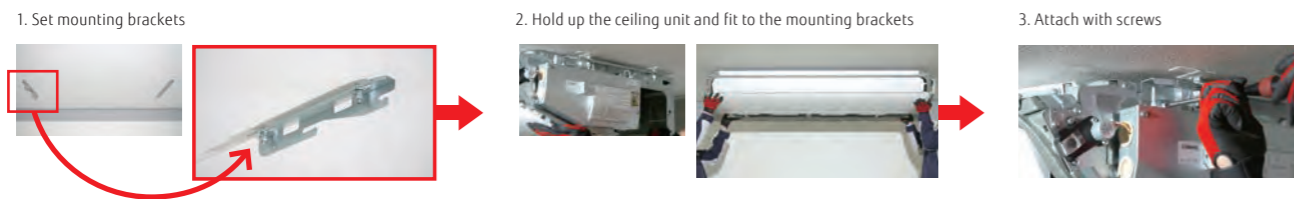
## Light elegant design

The light-elegant, gently curved surface gives a sense of comfort and well-being.



## Easy installation

The indoor unit can be easily installed under the ceiling thanks to the uniquely designed mounting kit.



## Easy maintenance

The front panel can be opened without removing it for safe & speedy maintenance.



The drain pan can be removed for cleaning.



Components in the control box can be easily accessed from the wide side opening.



## Flexible installation

The drain hose and pipe can be contained in the casing and connected in the right, left, angled, or downward direction.



Model: ABYG18KRTA / ABYG24KRTA / ABYG30KRTA / ABYG36KRTA / ABYG45KRTA  
 ABYG36KRTA [3-phase] / ABYG45KRTA [3-phase]



## Specifications

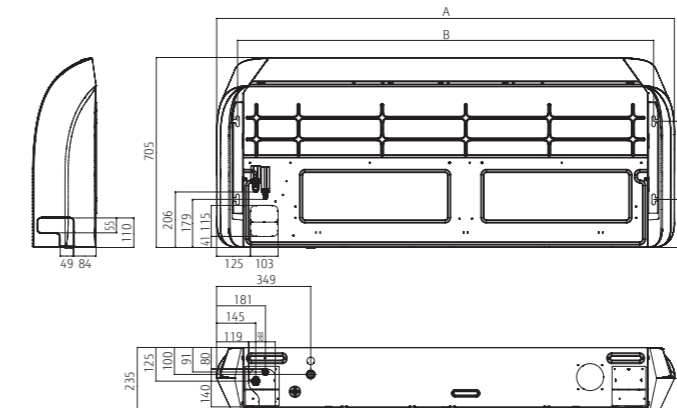
Model name	Indoor unit		ABYG18KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KRTA	ABYG45KRTA
	Outdoor unit		AOYG18KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)
		Btu/h	17,700 (3,100-18,400)	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	32,400 (9,600-36,100)	41,300 (13,600-43,000)
	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)	7.5 (0.9-8.6)	10.0 (2.7-10.8)	10.8 (2.7-12.5)	13.5 (4.2-15.0)	10.8 (2.7-12.5)	13.5 (4.2-15.0)
		Btu/h	20,500 (3,100-21,400)	25,600 (3,100-29,300)	34,100 (9,200-36,800)	36,900 (9,200-42,600)	46,100 (14,300-51,200)	36,900 (9,200-42,600)	46,100 (14,300-51,200)
Input Power	Cooling/Heating	kW	1.66/1.71	2.19/2.00	2.78/2.86	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating	W/W	3.51	3.75	3.5	3.56	3.23	3.56	3.23
Running Current	Cooling/Heating	A	7.4 / 7.6	9.7 / 8.8	12.3 / 12.6	13.8 / 13.3	21.3 / 18.4	6.0 / 5.8	8.8 / 7.6
Moisture Removal		l/h	2.0	2.2	3.0	2.6	4.5	2.6	4.5
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	38/38	41/41	45/45	44/44	45/45	44/44	45/45
	Outdoor	dB(A)	51/52	54/55	53/55	55/55	58/59	55/55	58/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	840/840	1,230/1,230	1,400/1,400	1,850/1,800	1,900/1,850	1,850/1,800	1,900/1,850
	Outdoor	m <sup>3</sup> /h	1,710/1,840	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450	3,750/3,750	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	235 × 1,080 × 705	235 × 1,390 × 705	235 × 1,390 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705
		kg (lbs)	24 (53)	31 (68)	31 (68)	38 (84)	38 (84)	38 (84)	38 (84)
Weight	Indoor	mm	542 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	988 × 940 × 320	788 × 940 × 320	998 × 940 × 320
	Outdoor	kg (lbs)	33 (73)	38 (84)	52 (115)	52 (115)	61 (134)	53 (117)	62 (137)
Piping Connections (Small / Large)		mm	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			15	20	30	30	30	30	30
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32	R32	R32	R32

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Drain pump unit:	UTR-DPB24T	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	IR receiver unit:	UTY-LBTYH	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRY	L-type piping kit:	UTP-FX24A (18/24)		
Simple remote controller:	UTY-RSRY		UTP-FX35A (30/36/45)		
External input and output PCB:	UTY-XCSX	Communication kit:	UTY-TWRXZ3	(Outdoor unit 30/36/45)	
External input and output PCB box:	UTZ-GXEA	MODBUS converter:	UTY-VMSX	External connect kit:	UTY-XWZXZ3
External connect kit:	UTY-XWZXZG	KNX Converter:	UTY-VK SX		

## Dimensions

(Unit: mm)



	ABYG18KRTA	ABYG24/30KRTA	ABYG36/45KRTA
A	1,080	1,390	1,700
B	923	1,233	1,543

NEW

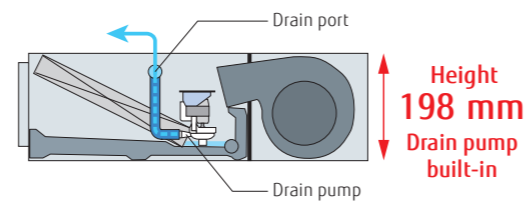
# Slim Duct

Slim Design



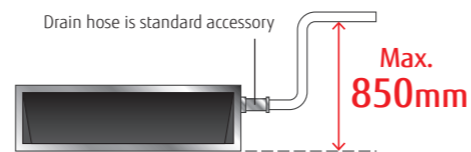
## Slim design

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



## Drain pump is standard accessory

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



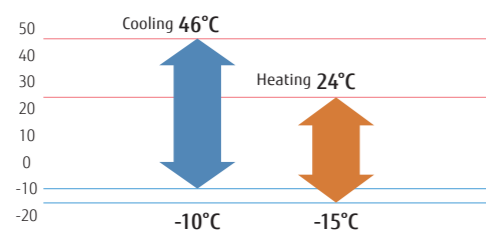
## Selectable with a wide range of static pressure

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



Static pressure range  
0 to 90 Pa

## Wide operation range

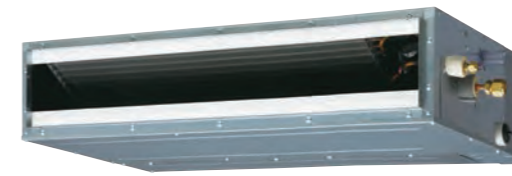


## Auto louver grille kit (Option)

The optional clean-looking flat Auto louver blends into any interior and provides a comfortable airflow.



Model: ARXG18KLLAP



AOYG18KATA

## Specifications

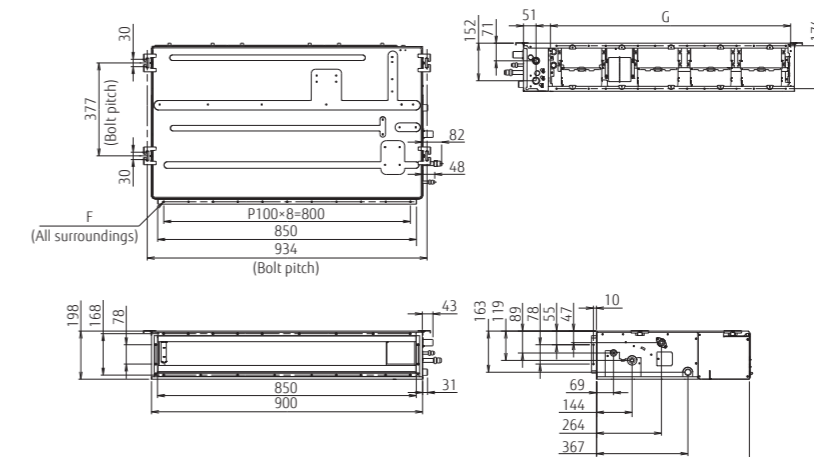
Model name	Indoor unit		Outdoor unit	
	ARXG18KLLAP		AOYG18KATA	
Power Source		V/Ø/Hz	230/1/50	
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	
		Btu/h	17,700 (3,100-18,400)	
Capacity	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)	
		Btu/h	20,500 (3,100-21,400)	
Input Power	Cooling/Heating	kW	1.66/1.71	
EER	Cooling	W/W	3.13	
COP	Heating		3.51	
Running Current	Cooling/Heating	A	7.6 / 7.9	
Moisture Removal		l/h	2.0	
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	32/32	
	Outdoor		51/52	
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	940/940	
	Outdoor		1,710/1,840	
Net Dimensions H x W x D	Indoor	mm	198 x 900 x 620	
			kg (lbs)	
Weight	Indoor	mm	20 (44)	
	Outdoor		542 x 799 x 290	
		kg (lbs)	33 (73)	
Piping Connections (Small / Large)			6.35/12.70	
Drain port Diameter (I.D./O.D.)		25/32		
Max. Pipe Length (Pre-Charge)		20 (15)		
Max. Height Difference		15		
Operating Range	Cooling	°CDB	-10 to 46	
	Heating		-15 to 24	
Refrigerant		R32		

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	Simple remote controller:	UTY-RSRY	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5		UTY-RSRYM	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXZ2	External connect kit:	UTY-XWZXZG
	UTY-RNNYM	IR receiver unit:	UTY-LBTYM	Remote sensor unit:	UTY-XSZXZ1
	UTY-RVNYM	MODBUS converter:	UTY-VMSX	External switch controller:	UTY-TERX
	UTY-RHRY	KNX Converter:	UTY-VKSX	Auto Louver Grille Kit:	UTD-GXTB-W
Simple remote controller (without operation mode):	UTY-RHRY				

## Dimensions

(Unit: mm)

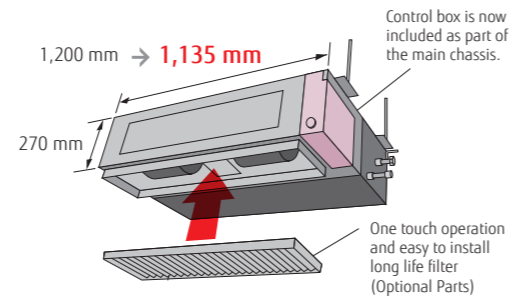


# Medium Static Pressure Duct Standard



## Slim & Compact design

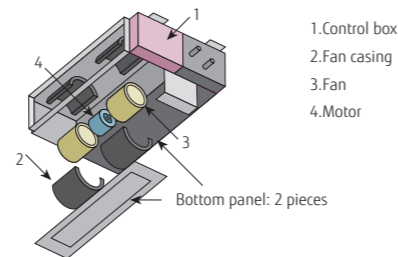
In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, further space savings have been achieved by mounting the control box internally inside the chassis.



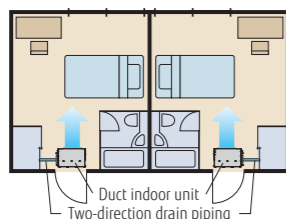
## Easy maintenance

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

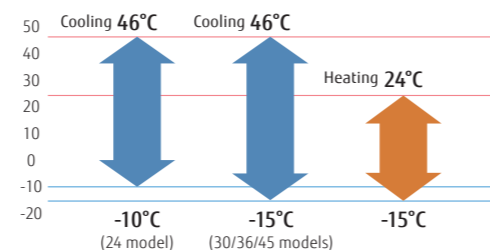
See below for the case of rear suction type



## Two-direction drain piping



## Wide operation range



Model: ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA



## Specifications

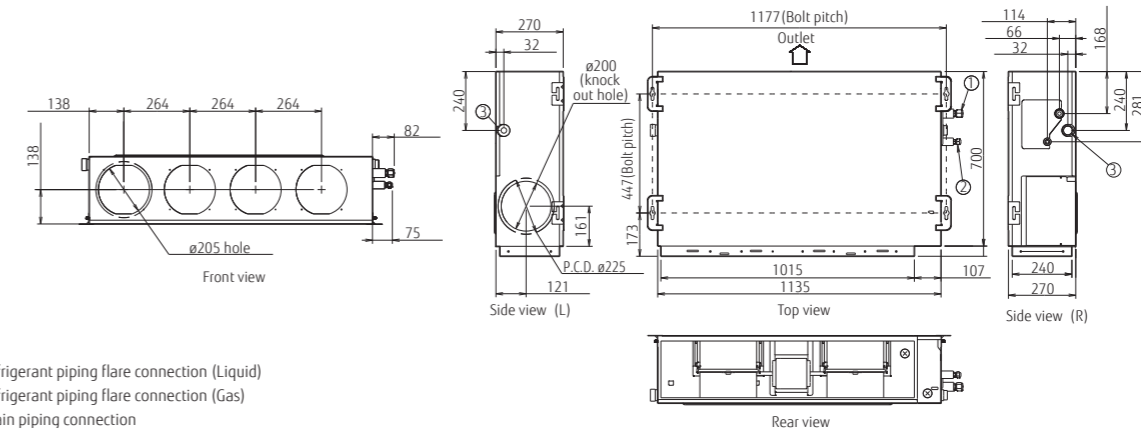
Model name	Indoor unit		ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)
		Btu/h	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)
Input Power	Cooling/Heating	kW	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18
		W/W	3.11	3.06	3.04	2.50
EER	Cooling	W/W	3.11	3.06	3.04	2.50
COP	Heating	W/W	3.75	3.61	3.56	3.23
Running Current	Cooling/Heating	A	9.7 / 8.8	12.3 / 12.3	13.8 / 13.4	21.3 / 18.3
Moisture Removal		l/h	2.5	2.5	3.0	4.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	31/31	39/42	39/42	42/42
	Outdoor	dB(A)	54/55	53/55	55/55	58/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	1,100/1,100	1,900/2,100	1,900/2,100	2,100/2,100
	Outdoor	m³/h	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700
	Outdoor	kg (lbs)	35 (77)	38 (84)	38 (84)	39 (86)
Weight	Indoor	kg (lbs)	632 x 799 x 290	788 x 940 x 320	788 x 940 x 320	998 x 940 x 320
	Outdoor	kg (lbs)	38 (84)	52 (115)	52 (115)	61 (134)
Piping Connections (Small / Large)		mm	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	25 (20)	30 (30)	30 (30)	30 (30)
Max. Height Difference		m	20	30	30	30
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Flange (Round):	UTD-RF204	Network Converter for single split (AC power supply type):	UTY-VTGVXV
Wired remote controller:	UTY-RLRY	Flange (Square):	UTD-SF045T	Drain pump unit:	UTZ-PX1NBA
	UTY-RNRYM	IR receiver unit:	UTY-LBTYM	MODBUS converter:	UTY-VMSX
	UTY-RVNYM	Remote sensor unit:	UTY-XSZXZ1	KNX Converter:	UTY-VKXS
Simple remote controller (without operation mode):	UTY-RHRY	External connect kit:	UTY-XWZXZG		
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX	(Outdoor unit 30/36/45)	
	UTY-RSNYM	Long-life filter:	UTD-LF25NA	External connect kit:	UTY-XWZXZ3

## Dimensions

(Unit: mm)



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

NEW

# High Static Pressure Duct



## Easy installation (Compact & Lightweight)

The indoor and outdoor units are designed to be compact and light by reducing the basic chassis size and the overall material weight.

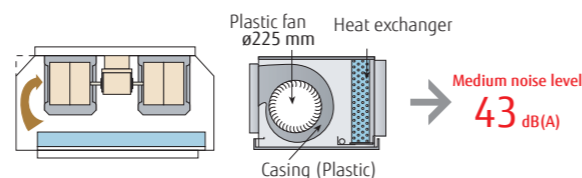


## Design also suits high static pressure



## Low noise

Slanted corners at the top help reduce turbulent airflow. Low noise is realized by adopting a plastic case and a plastic fan.



Model: ARXG45KHTB [3-phase] / ARXG54KHTB [3-phase]



AOYG45KRTA  
AOYG54KRTA

### Specifications

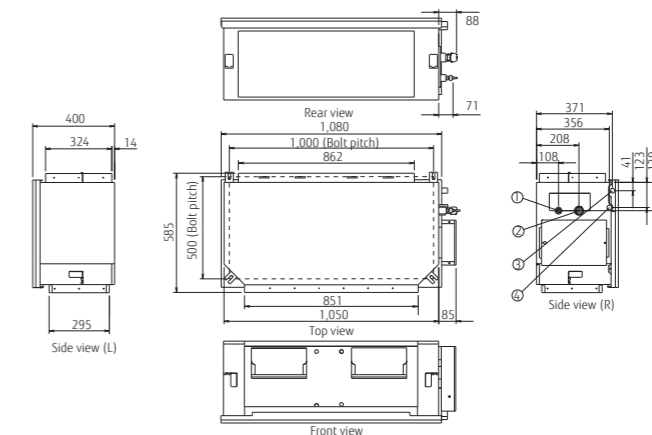
Model name	Indoor unit		ARXG45KHTB	ARXG54KHTB
	Outdoor unit		AOYG45KRTA	AOYG54KRTA
Power Source		V/Ø/Hz	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)
		Btu/h	41,300 (13,600-47,800)	45,700 (17,100-49,400)
	Heating (Min.-Max.)	kW	13.5 (5.0-16.2)	15.5 (5.5-18.0)
		Btu/h	46,100 (17,100-55,300)	52,900 (18,800-61,400)
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18
EER	Cooling	W/W	2.91	2.81
COP	Heating	W/W	3.74	3.71
Running Current	Cooling/Heating	A	7.6 / 6.8	8.5 / 7.6
Moisture Removal		l/h	1.5	2.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	47/47	47/47
	Outdoor	dB(A)	57/57	57/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	3,350/3,350	3,350/3,350
	Outdoor	m <sup>3</sup> /h	4,450/4,450	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	400 x 1,050 x 500	400 x 1,050 x 500
		kg (lbs)	46 (101)	46 (101)
Weight	Outdoor	mm	998 x 940 x 320	998 x 940 x 320
		kg (lbs)	67 (148)	67 (148)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)		m	50 (30)	50 (30)
Max. Height Difference		m	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R32	R32

### Optional parts

Compact wired remote controller:	UTY-RCRYZ1	Remote sensor unit:	UTY-XSZXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Long-life filter:	UTD-LF60KA	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External switch controller:	UTY-TERX		
Simple remote controller:	UTY-RSRY	WLAN adapter:	UTY-TFSXZ2	(Outdoor unit)	
	UTY-RHRY	External input and output PCB:	UTY-XCSX+UTZ-GXEA	External connect kit:	UTY-XWZXZ3
IR Receiver unit:	UTY-LBTRY	MODBUS converter:	UTY-VMSX		
External connect kit:	UTY-XWZXZG	KNX Converter:	UTY-VKXS		

### Dimensions

(Unit: mm)



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

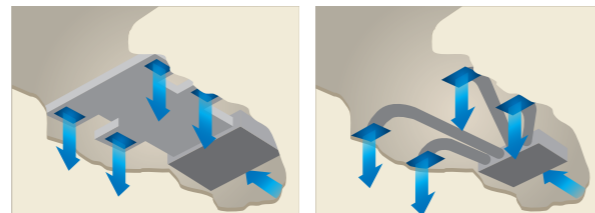
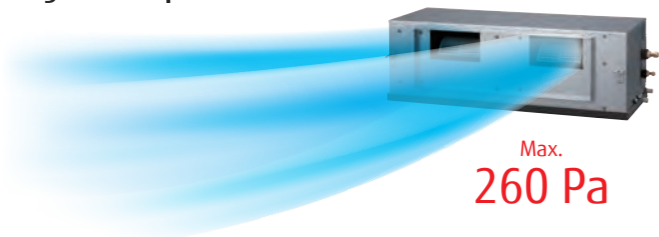
# High Static Pressure Duct



## High energy efficiency

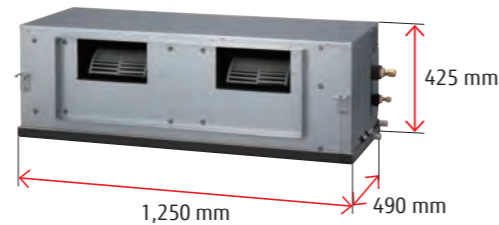
Much greater efficiency is achieved by the use of all-DC inverter technology.

## Design also corresponding to high static pressure



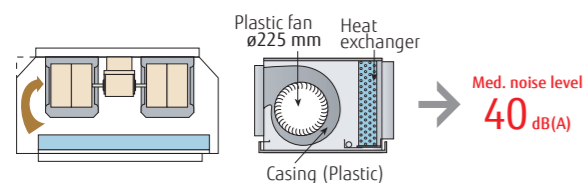
## Easy installation (Compact & Lightweight)

The indoor unit is designed to be compact and light by reducing the basic chassis size and the overall material weight.

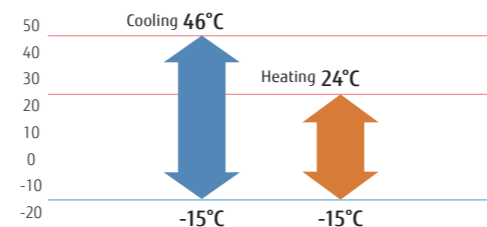


## Low noise

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



## Wide operation range



## Model : ARYG60LHTA [3 phase]



## Specifications

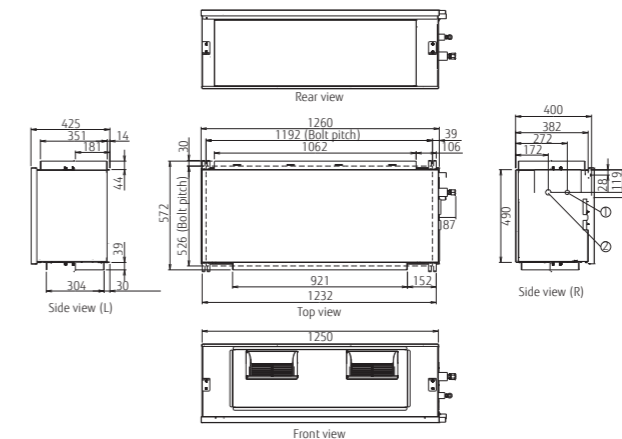
Model No.	Indoor unit		ARYG60LHTA	
	Outdoor unit		AOYG60LATT	
Power Source		V/Ø/Hz	400/3/50	
Capacity	Cooling (Min.-Max.)	kW	15.0(6.0-18.0)	
		Btu/h	51,200(21,200-60,000)	
Input Power	Cooling/Heating	kW	4.70/5.15	
		W/W	3.19	
EER	Cooling		3.19	
COP	Heating		3.50	
Running Current	Cooling/Heating	A	7/8	
Moisture Removal		l/h	2.0	
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	45/45	
	Outdoor		56/58	
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	3,350/3,350	
	Outdoor		6,900/7,300	
Net Dimensions H x W x D	Indoor	mm	425 x 1,250 x 490	
		kg(lbs)	54(119)	
Net Weight	Outdoor	mm	1,290 x 900 x 330	
		kg(lbs)	104(229)	
Piping Connections (Small / Large)		mm	9.52/15.88	
Drain Pipe Diameter (I.D./O.D.)			23.4/25.4	
Max. Pipe Length (Pre-Charge)		m	75(30)	
Max. Height Difference			30	
Operation Range	Cooling	°CDB	-10 to 46	
	Heating		-15 to 24	
Refrigerant			R410A	

## Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
- Simple Remote Controller: UTY-RSNYM
- External Switch Controller: UTY-TERX
- Remote Sensor Unit: UTY-XSZXZ1
- External Connect Kit: UTD-ECS5A
- IR Receiver Unit: UTY-LRHYM
- WLAN adapter: UTY-TFNXZ3
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV
- (Outdoor unit) External connect kit: UTY-XWZXZ2

## Dimensions

(Unit: mm)



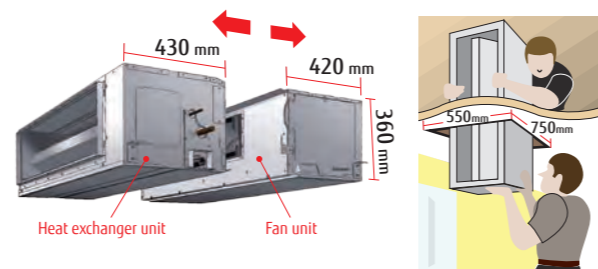
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)

# Big Duct



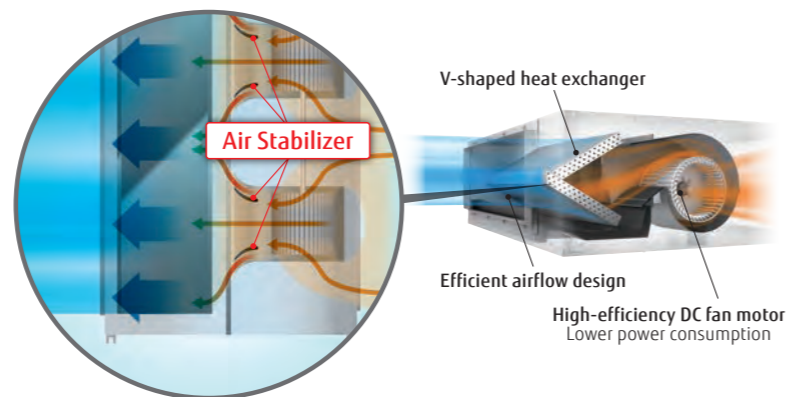
## Splittable, lightweight, and compact design

The indoor unit can be split into a fan unit and a heat exchanger unit to make installation easier.



## Quiet operation

The combination of a V-shaped heat exchanger, an air stabilizer, and a high-efficiency DC fan motor enables this compact unit to operate quietly.



## Automatic airflow adjustment function

The optimum airflow can be set automatically to facilitate faster installation.



Model: ARYG72LHTA / ARYG90LHTA



Wired RC  
AOYG72LRLA  
AOYG90LRLA

## Specifications

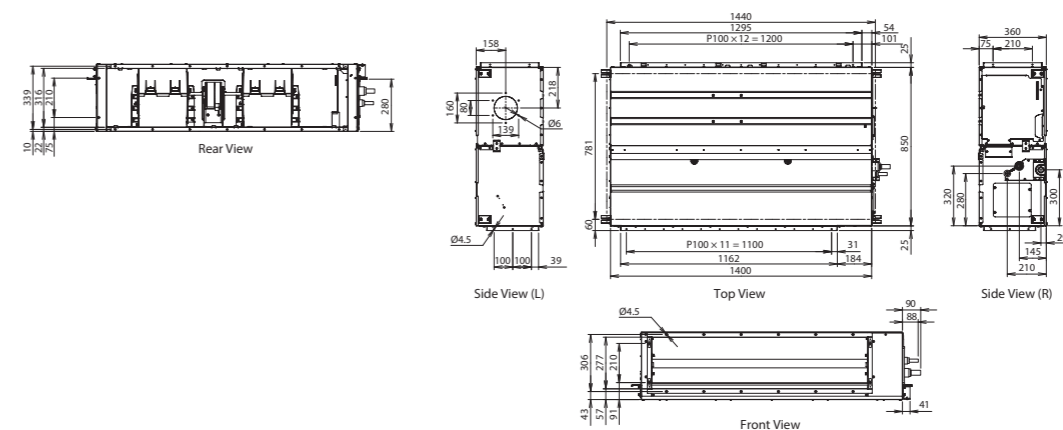
Model name	Indoor unit		ARYG72LHTA		ARYG90LHTA	
	Outdoor unit		AOYG72LRLA		AOYG90LRLA	
Power Source	Indoor	V/Hz	230/1/50	230/1/50		
	Outdoor		400/3/50	400/3/50		
Capacity	Cooling (Min.-Max.)	kW	19.0 (8.4-20.9)	22.0 (10.3-24.2)		
		Btu/h	64,800 (28,600-71,300)	75,000 (35,100-82,500)		
	Heating (Min.-Max.)	kW	22.4 (7.2-24.6)	27.0 (8.5-29.7)		
		Btu/h	76,400 (24,500-83,900)	92,100 (29,000-101,300)		
Input Power	Cooling/Heating	kW	6.46/6.59	7.77/8.18		
EER	Cooling		2.94	2.83		
COP	Heating	W/W	3.40	3.30		
Running Current (Cooling/Heating)	Indoor	A	3.2 / 3.2	3.5 / 3.5		
	Outdoor		11.2 / 11.5	13.5 / 14.1		
Moisture Removal		l/h	4.5	6.0		
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	46/46	47/47		
	Outdoor		55/55	55/57		
Airflow Rate (Cooling/Heating)	Indoor (High)	m <sup>3</sup> /h	4,300/4,300	4,300/4,300		
	Outdoor		8,400/8,400	8,400/9,000		
Net Dimensions H x W x D	Indoor	mm	360 x 1,400 x 850	360 x 1,400 x 850		
		kg (lbs)	69 (152)	80 (176)		
Weight	Outdoor	mm	1,428 x 1,080 x 480	1,428 x 1,080 x 480		
		kg (lbs)	165 (364)	174 (384)		
Piping Connections (Small / Large)		mm	12.7/25.4	12.7/25.4		
Drain Hose Diameter (I.D./O.D.)			25/32	25/32		
Max. Pipe Length (Pre-Charge)		m	100 (30)	100 (30)		
Max. Height Difference			30	30		
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46		
	Heating		-20 to 24	-20 to 24		
Refrigerant			R410A	R410A		

## Optional parts

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	Remote sensor unit:	UTY-XSZXZ1	External connect kit:	UTY-XWZXZG
	UTY-RNNYM	Long-life filter:	UTD-LFKA	Drain pump unit:	UTZ-PX1NAB
	UTY-RVNYM	IR receiver unit:	UTY-LBTYM	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRY		UTY-LRHYM		
Simple remote controller:	UTY-RSRY	MODBUS converter:	UTY-VMSX	(Outdoor unit)	
	UTY-RSNYM	KNX Converter:	UTY-VKSX	External connect kit:	UTY-XWZXZ3

## Dimensions

(Unit: mm)



# Feature Summary

Country		for Singapore				for Vietnam		Common models								
Type	Wall Mounted			Cassette	Wall Mounted		Compact Cassette	Circular Flow Cassette	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct	Big Duct			
Air Conditioning Type	Cooling only			Cooling only	Cooling only	Heating & Cooling		Heating & Cooling								
Model No.	ASAG09/12CMTA	ASAG18CMTA	ASAG24/30CMTA	AUAH24/36CRLA	ASAG 09/12/18/24 CPTA-V	ASAG09LLTB-V ASAG12LLTA-V	AUXG18/24KVLA	AUYG18LVLB AUYG24LVLA	AUXG 18/24/30 36/45/54 KRLB	ABYG 18/24/30/36/45 KRTA	ARXG18KLLAP	ARXG 24/30/36/45 KMLA	ARXG45/54KHTB	ARYG60LHTA	ARYG72/90LHTA	
Energy Saving Function	Save occupancy sensor			○					○							
	Economy operation	●	●	○	●	●			●	●	●	●	●	●	●	
	Room temperature set point limitation			○					○	○	○	○	○	○	○	
	Set temperature auto return				○				●	○	●	●	●	○	○	●
Comfortable Function	Power diffuser															
	Powerful operation	●	●	●	●	●										
	10°C HEAT operation						●	●	○	○	○	○	○	○	○	
	Outdoor unit low noise operation					● (24)			○ (45/54)	○		○ (45)		○	○	
	Auto-changeover	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Up/down swing flaps	●	●	●	●	●	●	●	●	●	○					
	Double swing automatic		●	●		● (24)										
	Automatic fan speed	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Auto restart	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Connectable fresh air duct				●				○	●	●	●	●			
	Fresh air intake				○			○	○	○	○	○	○	○	○	○
	Connectable distributing duct				●				●			●				
Individual airflow direction control				○				○								
Government Function	Auto off timer	●	●	○	●		●	○	●	●	●	●	●	○	●	
	Sleep timer	●	●	○	●	●	●	○	○	○	○	○	○	○	○	
	Program timer	●	●	○	○	●	●	○	○	○	○	○	○	○	○	
	Weekly timer			○	○			○	○	○	○	○	○	○	○	
	Weekly + setback timer							○	○	○	○	○	○	○	○	
	Filter sign	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	External error output	○	○	○	●			○	○	○	○	○	○	○	○	○
	External ON/OFF input	○	○	○	●			○	○	○	○	○	○	○	○	○
Wireless LAN control	○	○	○	○			○	○	○	○	○	○	○	○	○	
Clean Function	Ion deodorization filter															
	Apple-catechin filter															
	Long life filter											○	○		○	
	Washable panel	●	●	●		●	●									
	PM2.5 Filter					●										
Installation	Silver ion filter II (PM2.5+Anti virus)	●	●	●		○										
	Drain pump as standard						●	●	●	○	●	○	●	○	○	
	Blue fin	●	●	●	●								● (30/36/45)	●	●	

○: Optional function