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 **Split Overview**
S-004 **Split All Type Lineup**
S-006 **Models for Vietnam**
S-012 **Common Models**
Wall Mounted
Compact Cassette
Circular Flow Cassette
Ceiling
Slim Duct
Medium Static Pressure Duct
High Static Pressure Duct
Big Duct
S-036 **Feature Summary**



Split Overview

Fujitsu General provides its customers with 4 types 42 models of air conditioning systems perfect for various customer applications and layouts. Added to this lineup recently are the environment-friendly R32 refrigerant models.



Existing pipes can be reused if they meet our guidelines

Please consult with our regional sales subsidiaries for details.

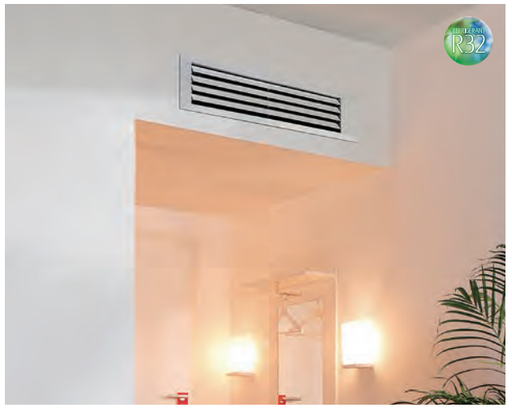
Cautions when reusing the existing pipes

- The thickness of the pipes must be 0.8 mm or thicker in accordance with the pipe diameter.
- Use flares that have been reworked to be compatible with the new refrigerant, and are compliant with ISO 14903.
- Select suitable wiring in accordance with the installation manual of the new air conditioning unit.
- When pump-down is not possible or when the inner pipe walls are dirty, make sure to clean the pipes before connecting new ones.
- When using different diameters pipes from the standard sizes,
  - The performance may not reach the published specification value.
  - Dedicated flare nuts compliant with ISO 14903 should be procured locally.
  - Restrictions apply to pipe lengths, refrigerant volumes, and room sizes.



Wall-mounted type

Simple and easy to install, all models, are expertly designed to control airflow and save energy. The design, with its flat and simple appeal, perfectly matches room interiors. Many of the models in the lineup adopt the new environmentally friendly R32 refrigerant.



Duct

The main unit is hidden in the wall, making the room look neat and tidy. Mini Duct and Slim Duct models are also available for installation in narrow spaces between beams or above the ceiling. Large models, suitable for air conditioning vast spaces, allow multiple outlets to be installed in just one unit, and are perfect for atypical room layouts.



Cassette

The Cassette type, which blends in perfectly with the interior design, blows air in all four directions to create an even air-conditioning for the entire space. We have a variety of series including Compact models with a uniquely designed panel to match grid ceilings, and Circular Flow models that send airflow in a 360° direction.



Ceiling

As with the wall-mounted unit, ceiling installation is very easy, and the unit's thin structure with a height of just 240 mm allows neat installation.
The powerful airflow that can reach far away from the wide outlet is perfect for large meeting rooms, audiovisual rooms, and other rectangular spaces with a lot of depth.

Split All Type Lineup

Models for Vietnam

Type		Refrigerant	Model	Class 9	12	18	24	30	36	45	54	60	72	90
for Vietnam	Wall Mounted	R32 Cooling only		ASGH09CPTB-V	ASGH12CPTB-V									
		R32 Cooling only	09/12 18  24	ASGG09CPTA-V	ASGG12CPTA-V	ASGG18CPTA-V	ASGG24CPTA-V							
		R410A Heating & Cooling		ASGG09LLTB-V	ASGG12LLTA-V									

Common Models

Type	Refrigerant	Model	Class 9	12	18	24	30	36	45	54	60	72	90
Wall Mounted	R32 Cooling only				ASGG18CETA-B	ASGG24CETA-B	ASGG30CETA-B	ASGG36CETA-B					
	R32 Heating & Cooling		ASHH09KLTA	ASHH12KLTA									
	R32 Heating & Cooling				ASGH18KMTA-R	ASGH24KMTA-R							
	R32 Heating & Cooling				ASGG18KJTA-B	ASGG24KJTA-B							
Compact Cassette	R32 Heating & Cooling				AUXG18KVLA	AUXG24KVLA							
Circular Flow Cassette	R32 Heating & Cooling	 18/24  30/36/45/54			AUXG18KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB			
Ceiling	R32 Heating & Cooling	 18  24/30  36/45/54			ABHG18KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG54KRTA			
Slim Duct	R32 Heating & Cooling				ARXG18KLLAP								
Medium Static Pressure Duct	R32 Heating & Cooling					ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA				
High Static Pressure Duct	R32 Heating & Cooling								ARXG45KHTB	ARXG54KHTB			
	R410A Heating & Cooling										ARHG60LHTA		
Big Duct	R410A Heating & Cooling											ARHG72LHTA	ARHG90LHTA

SPLIT

Wall Mounted

Cooling Only



R32 | Tropical Spec | All DC

Economy | Powerful | Auto Changeover | Up/Down | Adjust | Restart | Sleep | Program | Filter | Washable | Silver Ion II | Blue Fin

High energy saving

They can cool the interior well with high energy saving even when installed in areas with high outdoor air temperatures (Max. 52°C.) and maintain a room comfortable.

Energy Label ★5



ASGH09CPTB-V

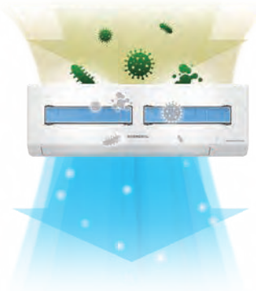


ASGH12CPTB-V

PM2.5 + Anti-virus filter

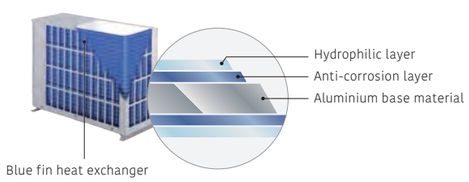
The filter inhibits the activities of viruses, bacteria and molds trapped on the filter.
(only effective when the microorganism is trapped on the filter with dust or droplet)

Clean the air 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.



Powerful cooling

It cools well even at an outdoor temperature of 52°C.
The air conditioner is designed to withstand all conditions.
It can operate and maintain good cooling efficiency even in ambient conditions as high as 52°C.
The new models achieve over 80% cooling capacity even at 46°C.

Lightning surge protection

The outdoor units can withstand instantaneous strikes of up to 2000 V*.
You can use the air conditioner system if it is struck by lightning.
*It is not a continuous voltage.

for Vietnam

R32

Model: ASGH09CPTB-V / ASGH12CPTB-V





Wireless R.C.



AOGH09CPTB-V
AOGH12CPTB-V

Specifications

Model name	Indoor unit		ASGH09CPTB-V	ASGH12CPTB-V
	Outdoor unit		AOGH09CPTB-V	AOGH12CPTB-V
Power Source		V/Ø/Hz	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.70 (0.70-2.90)	3.37 (0.84-3.54)
		Btu/h	9,200 (2,400-9,900)	11,500 (2,900-12,100)
Input power	Cooling	kW	0.80	1.00
EER	Cooling	W/W	3.38	3.37
CSPF			5.34	5.28
Running Current	Cooling	A	3.8	4.7
Moisture Removal		l/h	1.0	1.5
Sound Pressure Level (Cooling)	Indoor (H/M/L/Q)	dB(A)	41 / 35 / 28 / 21	42 / 36 / 29 / 21
	Outdoor		48	49
Airflow Rate (Cooling)	Indoor (High)	m^3/h	600	600
	Outdoor		1,880	1,680
Net Dimensions H x W x D	Indoor	mm	250 × 770 × 218	250 × 770 × 218
		kg	7.0	7.5
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290
		kg	19	20
Piping Connections (Small / Large)		mm	6.35 / 9.52	6.35 / 9.52
Drain Hose Diameter (I.D./O.D.)			13.8 / 15.0 to 16.8	13.8 / 15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (10)	20 (10)
Max. Height Difference			15	15
Operating Range	Indoor	°CDB	18 to 32	18 to 32
	Outdoor		18 to 52	18 to 52
Refrigerant			R32	R32

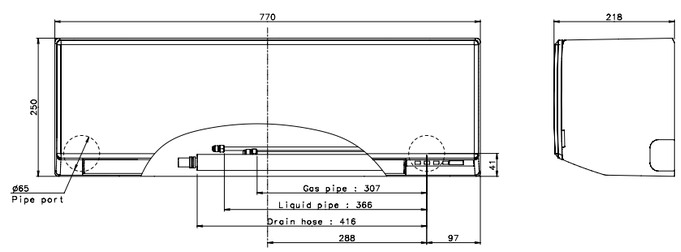
Note: Specifications are based on the following conditions.
Cooling: Indoor temperature of 27°CDB/19°CWB, and outdoor temperature of 35°CDB/24°CWB.

Optional parts

PM2.5 filter: UTR-FA16-4

Dimensions

(Unit : mm)



SPLIT

Wall Mounted

Cooling Only



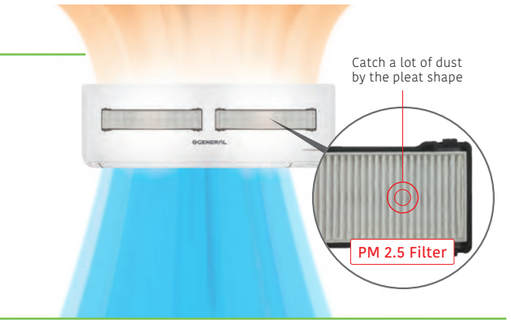
R32 | TROPICAL SPEC | ALL DC

Economy | Powerful | Low Noise (24) | Auto Changeover | Up/Down | Double (24) | Adjust | Restart | Auto OFF | Sleep | Program | Filter | Washable | PM2.5 Filter | Blue Fin

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.

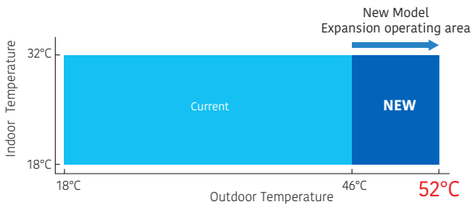


Powerful Cooling

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.

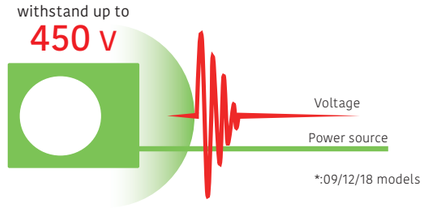
TROPICAL SPEC



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.



*:09/12/18 models

5-Star Rank in Energy Saving Program

This model 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.

for Vietnam

Model: ASGG09CPTA-V / ASGG12CPTA-V / ASGG18CPTA-V / ASGG24CPTA-V



ASGG09/12CPTA-V



ASGG18CPTA-V



(09/12/18) (24)
Wireless R.C.



ASGG24CPTA-V



AOGG09CPTA-V
AOGG12CPTA-V
AOGG18CPTA-V

AOGG24CPTA-V

Specifications

Model name	Indoor unit		ASGG09CPTA-V	ASGG12CPTA-V	ASGG18CPTA-V	ASGG24CPTA-V
	Outdoor unit		AOGG09CPTA-V	AOGG12CPTA-V	AOGG18CPTA-V	AOGG24CPTA-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 (H/M/L/Q)	dB(A)	43 / 39 / 33 / 22	43 / 39 / 33 / 22	49 / 46 / 41 / 28	50 / 46 / 41 / 29
	Outdoor		50	50	51	53
Airflow Rate (Cooling)	Indoor (High)	m^3/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 × 784 × 224	270 × 784 × 224	270 × 834 × 239	280 × 980 × 240
Net Weight		kg	8.5	8.5	11.0	12.5
Net Dimensions H x W x D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	632 × 799 × 290
Net Weight		kg	22.0	22.0	27.0	36.0
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70
Drain Pipe Diameter (I.D./O.D.)			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

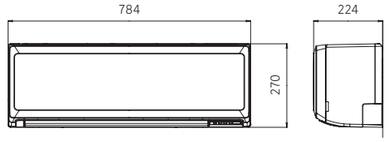
Optional parts

Silver ion filter II: UTR-FA16-7

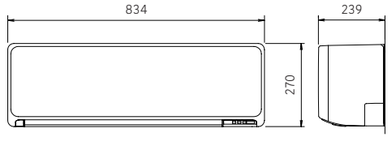
Dimensions

(Unit : mm)

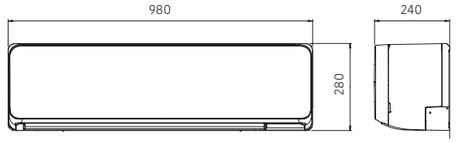
Model: ASGG09CPTA-V / ASGG12CPTA-V



Model: ASGG18CPTA-V



Model: ASGG24CPTA-V



SPLIT

Wall Mounted

Cooling and Heating



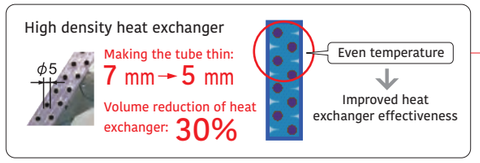
REFRIGERANT R410A

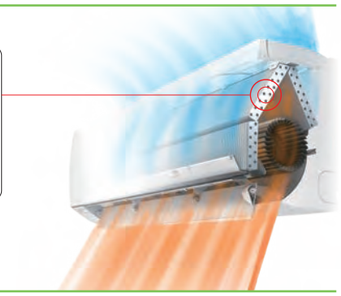
ALL DC (12)

Economy · Powerful · Auto Changeover · Up/Down · Adjust · Restart · Sleep · Program · Filter · Washable

High Efficient Compact Design

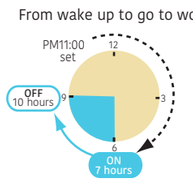
Compact design is realized by high density multi-path heat exchanger.

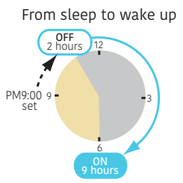




More Convenient Timer

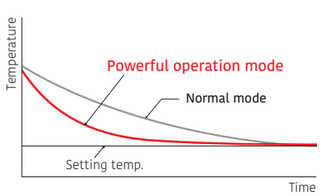
You can set an integrated ON-OFF or OFF-ON timer suitable for your life style. (Setting time: 0.5, 1, 1.5, 2, 2.5, -----9.5, 10, 11, 12 hours)





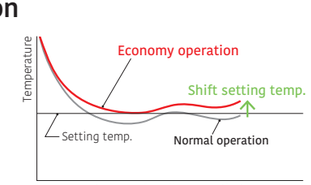
Powerful operation

Reach the setting temperature quickly.



Economy operation

Setting temp. is shifted by 1°C automatically.



Easy maintenance

Removable & washable panel



for Vietnam

REFRIGERANT R410A

Model: ASGG09LLTB-V / ASGG12LLTA-V





Wireless R.C.



AOGG09LLTB-V
AOGG12LLTA-V

Specifications

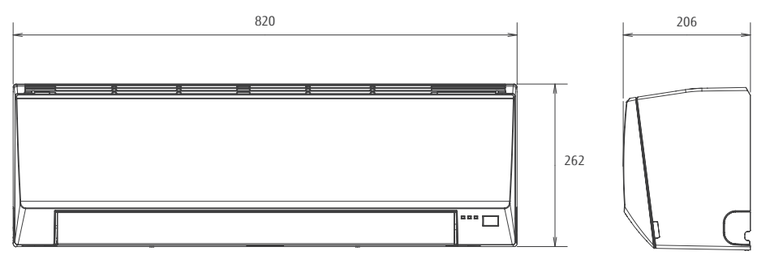
Model name	Indoor unit		ASGG09LLTB-V	ASGG12LLTA-V
	Outdoor unit		AOGG09LLTB-V	AOGG12LLTA-V
Power Source		V/Ø/Hz	220/1/50	220/1/50
Capacity	Cooling (Min.-Max.)	kW	2.50(0.9-3.0)	3.40(0.9-3.8)
		Btu/h	8,500(3,070-10,230)	11,600(3,070-12,960)
	Heating (Min.-Max.)	kW	3.00(0.9-3.8)	4.00(0.9-5.0)
		Btu/h	10,200(3,070-12,960)	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		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	Indoor (Cooling)(H/M/L/Q)	dB(A)	43 / 38 / 33 / 22	43 / 38 / 33 / 22
	Indoor (Heating)(H/M/L/Q)		43 / 38 / 33 / 22	43 / 38 / 33 / 22
	Outdoor		47/48	50/51
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	720/740	720/740
	Outdoor		1,670/1,470	1,830/1,600
Net Dimensions H x W x D	Indoor	mm	262 × 820 × 206	262 × 820 × 206
Net Weight		kg	7.0	7.0
Net Dimensions H x W x D	Outdoor	mm	540 × 660 × 290	540 × 660 × 290
Net Weight		kg	25.0	28.0
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (I.D./O.D.)			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		-15 to 24	-15 to 24
Refrigerant			R410A	R410A

Optional parts

Remote Controller Holder Kit: UTZ-RXLA

Dimensions

(Unit : mm)



SPLIT

Wall Mounted

Cooling only



REFRIGERANT R32

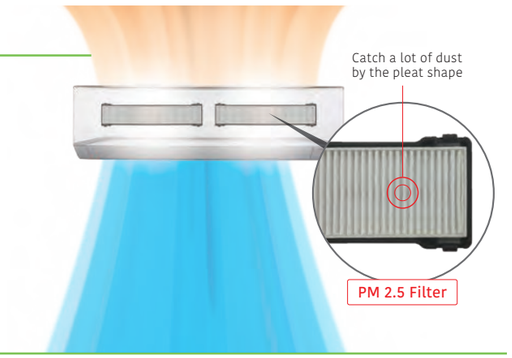
ALL DC

Powerful | Auto Changeover | Up/Down | Double | Adjust | Restart | Auto OFF | Sleep | Program | Filter | Washable | PM2.5 Filter | Blue Fin

PM 2.5 filter the newly adopted

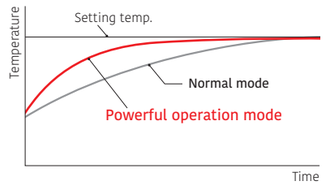
Clean the air firmly catch the particles of 0.3 ~ 2.5 μm.

*PM 2.5 is a general term for micro particulate matter less than 2.5 μm.



Powerful operation

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

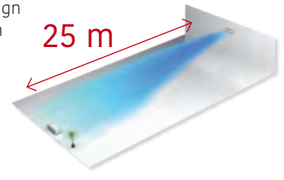


Withstand high-voltage up to 700V (18/24 only)

The PCB in the 18/24 models is able to withstand a voltage of 700V. In addition, a high-voltage operation mode is added to prevent the PCB from breaking down.

25m Long-reach airflow (30/36 only)

Optimized airflow design guarantees long-reach cooling up to 25 m for 30/36 models.

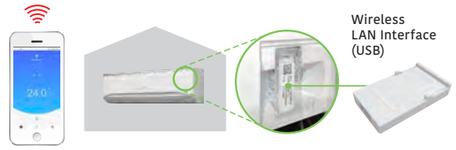


Smart Device control (Option)

This model can be controlled from anywhere using smart device by installing optional wireless LAN interface. Wireless LAN interface can be installed easily without specialized installation work.

When you add our Wireless Interface and FGLair app, you can control your home's cooling and heating anytime and anywhere.

FGLair



REFRIGERANT R32

Model: ASGG18CETA-B / ASGG24CETA-B / ASGG30CETA-B / ASGG36CETA-B





Wireless R.C.



AOGG18CETA-B



AOGG24CETA-B



AOGG30CETA-B
AOGG36CETA-B

Specifications

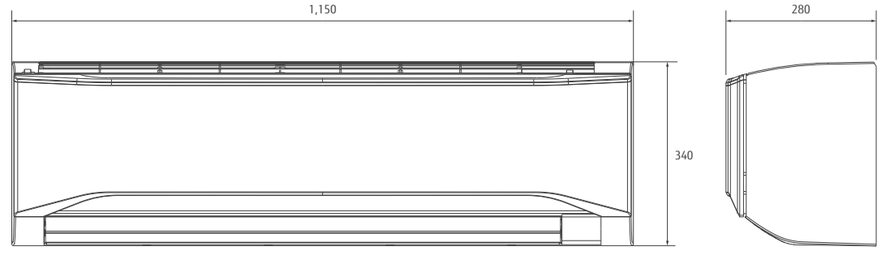
Model name	Indoor unit		ASGG18CETA-B	ASGG24CETA-B	ASGG30CETA-B	ASGG36CETA-B
	Outdoor unit		AOGG18CETA-B	AOGG24CETA-B	AOGG30CETA-B	AOGG36CETA-B
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.28 (1.32-5.81)	7.04 (1.76-7.74)	8.80 (3.08-9.68)	10.56 (3.70-10.56)
		Btu/h	18,000 (4,500-19,800)	24,000 (6,000-26,400)	30,000 (10,500-33,000)	36,000 (12,600-36,000)
Input Power	Cooling	kW	1.31	1.83	2.50	3.45
EER	Cooling	W/W	4.03	3.85	3.52	3.06
Running Current	Cooling	A	6.0	8.1	11.0	15.3
Moisture Removal		l/h	1.0	2.0	2.7	4.5
Sound Pressure Level (Cooling)	Indoor (S-H/H/M/L/Q)	dB(A)	47 / 43 / 38 / 34 / 28	49 / 45 / 39 / 34 / 30	53 / 49 / 45 / 40 / 32	53 / 49 / 45 / 40 / 32
	Outdoor		51	54	53	55
Airflow Rate (Cooling)	Indoor (S-High)	m^3/h	1,250	1,350	1,520	1,520
	Outdoor		2,350	3,240	3,620	4,150
Net Dimensions H x W x D	Indoor	mm	340 × 1,150 × 280	340 × 1,150 × 280	340 × 1,150 × 280	340 × 1,150 × 280
Net Weight		kg	16	16	16	16
	Outdoor	mm	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320
		kg	35	41	52	53
Piping Connections (Small / Large)		mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88
Drain Pipe Diameter (I.D./O.D.)			13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	30 (15)	50 (20)	50 (20)
Max. Height Difference			15	25	30	30
Operation Range	Cooling	°CDB	18 to 55	18 to 55	18 to 55	18 to 55
Refrigerant			R32	R32	R32	R32

Optional parts

Wired Remote Controller (Touch Panel):	UTY-RNRGZ5	Simple Remote Controller:	UTY-RSRG	External connect kit:	UTY-XWZXZ5
Wired Remote Controller:	UTY-RLRG	Communication kit:	UTY-TWRXZ2	External Input and Output PCB:	UTY-XCSXZ2
Simple Remote Controller (Without operation mode):	UTY-RHRG	Wireless LAN adapter:	UTY-TFSXF3	Silver ion filter II:	UTR-FA16-8

Dimensions

(Unit : mm)



SPLIT

Wall Mounted

Cooling and Heating



REFRIGERANT R32

ALL DC

Economy | Powerful | Auto Changeover | Up/Down | Adjust | Restart | Sleep | Program | Filter | Washable | Blue Fin

Highly efficient operation even at high outdoor temperatures

Even when installed in areas with high outdoor air temperatures (Max. 52°C*), it is comfortable because it can cool the interior well.

*suction temperature of the outdoor unit

EER 3.29 *1

COP 3.73 *1

*1 07 model

Operation Range MAX 52 °C

(Cooling operation)



MINIMAL SMART design

The new smart design eliminates mechanical elements and offers a sophisticated, premium impression.
Its compact size, with a width of 770 mm, allows for flexible installation in limited room space.



Comfortable airflow & Quiet operation

The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



Quiet & Comfort

21 dB(A)

Cooling only

REFRIGERANT R32

Model: ASHH09KLTA / ASHH12KLTA





Wireless R.C.



AOHH09KLTA
AOHH12KLTA

Specifications

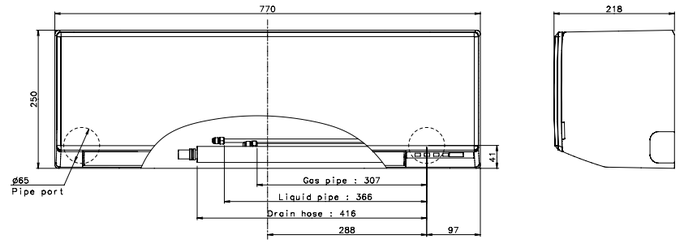
Model name	Indoor unit		ASHH09KLTA	ASHH12KLTA
	Outdoor unit		AOHH09KLTA	AOHH12KLTA
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50
Capacity	Cooling (Min.-Max.)	kW	2.5 (0.9-3.0)	3.4 (0.9-3.7)
		Btu/h	8,500 (3,100-10,200)	11,600 (3,100-12,600)
	Heating (Min.-Max.)	kW	2.5 (0.9-3.5)	3.4 (0.9-3.7)
		Btu/h	8,500 (3,100-11,900)	11,600 (3,100-12,600)
Input Power	Cooling/Heating	kW	0.760 / 0.670	1.050 / 0.915
EER	Cooling	W/W	3.29	3.24
COP	Heating		3.73	3.72
Running Current	Cooling/Heating	A	4.0 / 3.5	5.5 / 5.0
Moisture Removal		l/h	0.6	1.3
Sound Pressure Level	Indoor (Cooling)(H/M/L/Q)	dB(A)	43 / 36 / 29 / 21	43 / 37 / 30 / 21
	Indoor (Heating)(H/M/L/Q)		43 / 37 / 32 / 23	43 / 37 / 32 / 23
	Outdoor		47 / 47	50 / 50
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	620 / 1,650	620 / 1,700
	Outdoor		620 / 1,450	640 / 1,470
Net Dimensions H x W x D	Indoor	mm	250 × 770 × 218	250 × 770 × 218
Net Weight		kg	7	7.5
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290
		kg	19	22
Piping Connections (Small / Large)		mm	6.35 / 9.52	6.35 / 9.52
Drain Pipe Diameter (I.D./O.D.)			13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)
Max. Height Difference			15	15
Operation Range	Cooling	°CDB	10 to 52	10 to 52
	Heating		-15 to 24	-15 to 24
Refrigerant			R32	R32

Optional parts

WLAN adapter: UTY-TFSXF3
Silver ion filter II: UTR-FA16-7

Dimensions

(Unit : mm)



SPLIT

Wall Mounted

Cooling and Heating



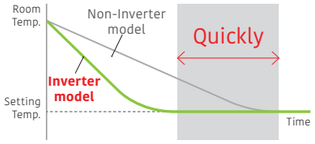
REFRIGERANT R32 | TROPICAL SPEC | ALL DC

Powerful | Auto Changeover | Up/Down | Double | Adjust | Restart | Sleep | Program | Filter | Error | On/Off | Silver Ion II | Blue Fin

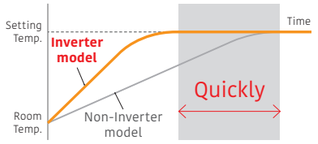
Innovative Inverter Technology
(Compressor / Fan Motor)

Inverter models cool and warm faster than non-inverter models.

For cooling



For heating



Harmonized UX Design

The round shape of the horizontal flow makes the airflow appear to spread out, that makes the user feel more comfortable. The indoor unit is designed highlighting the intake grille, using its shadow to create depth and style to its smooth form. The level of gold color enhances the installation space gracefully.





Wide operation range

The new models are verified to enable to withstand up to 55 degrees Celsius for cooling and -15 degrees Celsius for heating.



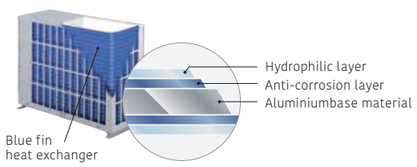
Maximum
Cooling 55 °C
Heating -15 °C

Corrosion resistance

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

New models are added silicon coating on all PCB circuits for anti-corrosion.

Blue fin heat-exchanger



PCB coating



Front side | Back side

REFRIGERANT R32

Model: ASGH18KMTA-R / ASGH24KMTA-R





Wireless R.C.



AOGH18KMTA-R



AOGH24KMTA-R

Specifications

Model name	Indoor unit		ASGH18KMTA-R	ASGH24KMTA-R
	Outdoor unit		AOGH18KMTA-R	AOGH24KMTA-R
Power Source		V/Ø/Hz	230 / 1 / 50	230 / 1 / 50
Capacity	Cooling (Min.-Max.)	kW	5.28 (1.32-5.81)	7.03 (1.76-7.74)
		Btu/h	18,000 (4,500-19,800)	24,000 (6,000-26,400)
	Heating (Min.-Max.)	kW	6.30 (1.32-6.60)	7.40 (1.76-8.50)
		Btu/h	21,500 (4,500-22,500)	25,200 (6,000-29,000)
Input Power	Cooling/Heating	kW	1.34 / 1.62	1.85 / 1.87
EER	Cooling	W/W	3.93	3.80
COP	Heating		3.90	3.95
Running Current	Cooling/Heating	A	6.1 / 7.3	8.3 / 8.2
Moisture Removal		l/h	0.6	1.7
Sound Pressure Level	Indoor (Cooling)(S-H/H/M/L/Q)	dB(A)	47 / 43 / 38 / 34 / 28	49 / 45 / 39 / 34 / 30
	Indoor (Heating)(S-H/H/M/L/Q)		42 / 40 / 38 / 36 / 33	46 / 42 / 40 / 36 / 33
	Outdoor		51 / 55	55 / 53
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	1,250 / 2,350	1,350 / 3,240
	Outdoor		1,050 / 2,790	1,190 / 2,600
Net Dimensions H x W x D	Indoor	mm	340 × 1,150 × 289	340 × 1,150 × 289
Net Weight		kg	16	16
Net Dimensions H x W x D	Outdoor	mm	632 × 799 × 290	716 × 820 × 315
Net Weight		kg	35	42
Piping Connections (Small / Large)		mm	6.35 / 12.7	6.35 / 12.7
Drain Pipe Diameter (I.D./O.D.)			13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	30 (15)
Max. Height Difference			15	25
Operation Range	Cooling	°CDB	18 to 55	18 to 55
	Heating		-15 to 24	-15 to 24
Refrigerant			R32	R32

Optional parts

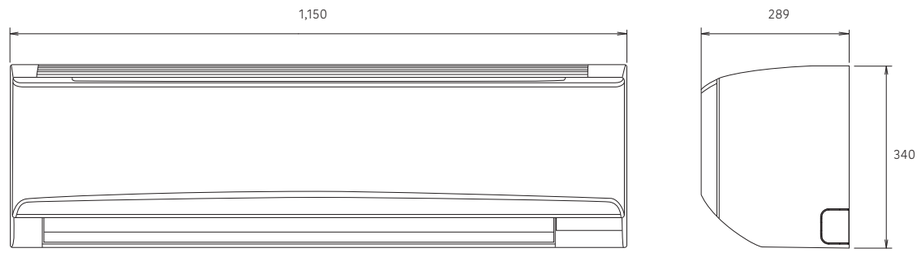
Touch Panel Wired Remote Controller: UTY-RNRGZ5
Wired Remote Controller: UTY-RLRG
Simple Remote Controller: UTY-RSRG, UTY-RHRG
Compact Wired Remote Controller: UTY-RCRGZ1, UTY-RCRGZ1K

Communication kit: UTY-TWRXZ2
External Input and Output PCB: UTY-XCSXZ2
External connect kit: UTY-XWZXZ5, UTY-XWZX
WLAN adapter (USB type): UTY-TFSXF3
External Switch Controller: UTY-TERX

Network Convertor for single split (AC power supply type): UTY-VTGXV
Modbus Converter: UTY-VMSX
KNX Converter: UTY-VKSX
Network Converter: UTY-VTGX
Silver ion filter II: UTR-FA16-7

Dimensions

(Unit : mm)



SPLIT

Wall Mounted

Cooling and Heating



REFRIGERANT R32

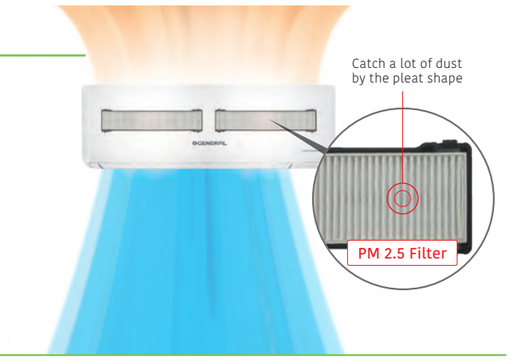
ALL DC

Save | Economy | Powerful | 10°C HEAT | Low Noise | Auto Changeover | Up/Down | Double | Adjust | Restart | Auto OFF | Sleep | Program | Filter | Washable | PM2.5 Filter | Blue Fin

PM 2.5 filter the newly adopted

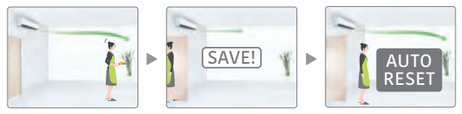
Clean the air firmly catch the particles of 0.3 ~ 2.5 μm.

*PM 2.5 is a general term for micro particulate matter less than 2.5 μm.



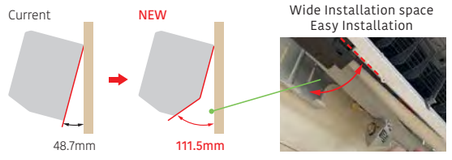
Human sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



Easy access to the flare pipe connection

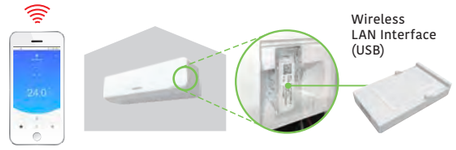
Installation when left outlet piping is easier by removable under cover of the indoor unit chassis. Installation when center outlet piping is easier by design change of wall hook bracket.



Smart Device control (Option)

This model can be controlled from anywhere using smart device by installing optional wireless LAN interface. Wireless LAN interface can be installed easily without specialized installation work.

When you add our Wireless Interface and FGLair app, you can control your home's cooling and heating anytime and anywhere.



FGLair

REFRIGERANT R32

Model: ASGG18KJTA-B / ASGG24KJTA-B





Wireless R.C.



AOGG18KJTA-B



AOGG24KJTA-B

Specifications

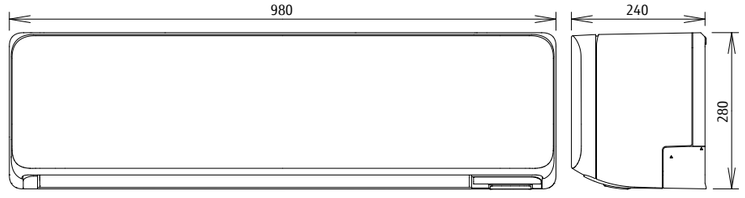
Model name	Indoor unit		ASGG18KJTA-B	ASGG24KJTA-B
	Outdoor unit		AOGG18KJTA-B	AOGG24KJTA-B
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.28 (1.32-5.81)	7.04 (1.76-7.74)
		Btu/h	18,000 (4,500-19,800)	24,000 (6,000-26,400)
	Heating (Min.-Max.)	kW	5.28 (1.32-6.51)	7.04 (1.76-8.50)
		Btu/h	18,000 (4,500-22,200)	24,000 (6,000-29,000)
Input Power	Cooling/Heating	kW	1.41 / 1.28	2.16 / 1.77
EER	Cooling	W/W	3.74	3.26
COP	Heating		4.13	3.98
Running Current	Cooling/Heating	A	6.5 / 6.1	9.6 / 7.9
Moisture Removal		l/h	1.6	2.7
Sound Pressure Level	Indoor (Cooling)(H/M/L/Q)	dB(A)	46 / 39 / 33 / 29	49 / 41 / 35 / 29
	Indoor (Heating)(H/M/L/Q)		40 / 35 / 32 / 29	49 / 41 / 35 / 29
	Outdoor		51 / 50	55 / 53
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	1,010 / 820	1,160 / 1,160
	Outdoor		2,350 / 2,300	3,240 / 2,600
Net Dimensions H x W x D	Indoor	mm	280x980x240	280x980x240
Net Weight		kg	12.5	12.5
Net Dimensions H x W x D	Outdoor	mm	632x799x290	716x820x315
Net Weight		kg	35	42
Piping Connections (Small / Large)		mm	6.35 / 12.7	6.35 / 12.7
Drain Pipe Diameter (I.D./O.D.)			13.8 / 15.8 to 16.7	13.8 / 15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	20 (15)	30 (15)
Max. Height Difference			15	25
Operation Range	Cooling	°CDB	18 to 55	18 to 55
	Heating		-15 to 24	-15 to 24
Refrigerant			R32	R32

Optional parts

Wired Remote Controller (Touch Panel): UTY-RNRGZ5
Wired Remote Controller: UTY-RLRG
Simple Remote Controller (Without operation mode): UTY-RHRG
Simple Remote Controller: UTY-RSRG
External Input and Output PCB: UTY-XCSXZ2
Communication Kit: UTY-TWRXZ2
External Connect Kit: UTY-XWZXZ5
Wireless LAN adapter: UTY-TFSXF3
Silver ion filter II: UTR-FA16-7

Dimensions

(Unit : mm)



SPLIT

Compact Cassette

Compact 4-way Flow Series

Compact Size



REFRIGERANT R32

ALL DC

Economy · Return · 10°C HEAT · Auto Changeover · Up/Down · Adjust · Restart · Auto OFF · Weekly · Sleep · Program · Filter · On/Off · Drain Pump

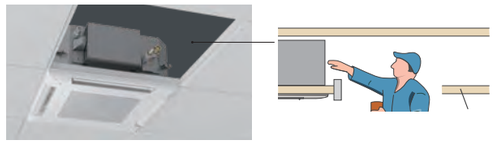
Compact and stylish panel design

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.



REFRIGERANT R32

Model: AUXG18KVLA / AUXG24KVLA





AOHG18KATA



AOHG24KATA

Specifications

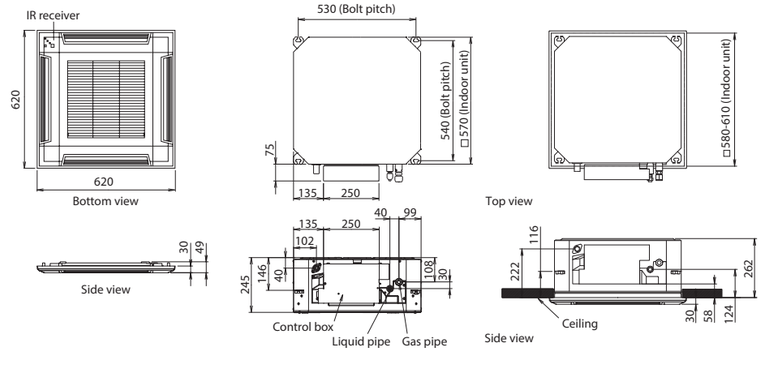
Model name	Indoor unit		AUXG18KVLA	AUXG24KVLA
	Outdoor unit		AOHG18KATA	AOHG24KATA
Power Source		V/Ø/Hz	230/1/50	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	6.8 (0.9-7.4)
		Btu/h	17,700 (3,100-18,400)	23,200 (3,100-25,200)
	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)	7.5 (0.9-8.6)
		Btu/h	20,500 (3,100-21,400)	25,600 (3,100-29,300)
Input Power	Cooling/Heating	kW	1.69/1.72	2.26/2.08
EER	Cooling	W/W	3.08	3.01
COP	Heating		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	Indoor (Cooling)(H/M/L/Q)	dB(A)	38 / 34 / 30 / 26	49 / 44 / 36 / 30
	Indoor (Heating)(H/M/L/Q)		43 / 38 / 34 / 30	49 / 45 / 40 / 33
	Outdoor		51/52	54/55
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	680 / 800	930 / 930
	Outdoor		1,710 / 1,840	2,885 / 2,350
Net Dimensions H x W x D	Indoor / grille	mm	245 × 570 × 570 / 49 x 620 x 620	245 × 570 × 570 / 49 x 620 x 620
Weight		kg	15 / 2.3	16 / 2.3
Net Dimensions H x W x D	Outdoor	mm	542 × 799 × 290	632 × 799 × 290
Weight		kg	33	38
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/12.70
Drain port Diameter (I.D./O.D.)			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		-15 to 24	-15 to 24
Refrigerant			R32	R32
Cassette Grille	Model name		UTG-UFGF-W	UTG-UFGF-W

Optional parts

Compact wired remote controller:	UTY-RCRGZ1	Wireless remote controller:	UTY-LNTG	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RCRGZ1K	External switch controller:	UTY-TERX	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	Air Outlet Shutter Plate:	UTR-YDZB	Insulation kit for high humidity:	UTZ-KXGC
Wired remote controller:	UTY-RLRG	External connect kit:	UTY-XWZXZG	External input and output PCB:	UTY-XCSX
	UTY-RNNGM	Cassette Grille:	UTG-UFGF-W	External input and output PCB box:	UTZ-GXRA
	UTY-RVNGM	Fresh air intake kit:	UTZ-VXAA		
Simple remote controller (without operation mode):	UTY-RHRG	MODBUS converter:	UTY-VMSX		
Simple remote controller:	UTY-RSRG	KNX Converter:	UTY-VKSX		
	UTY-RSNGM	WLAN adapter:	UTY-TFSXZ2		

Dimensions

(Unit: mm)



SPLIT

Cassette

Circular Flow Series

Comfort for Large Rooms



REFRIGERANT R32

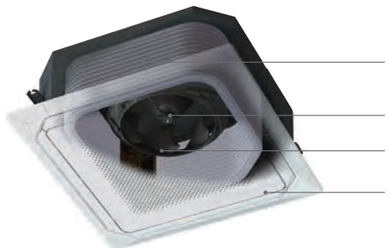
ALL DC

Economy · Set Temp. · Return · Auto Changeover · Up/Down · Adjust · Restart · Duct · Distributing · Auto OFF · Weekly · Filter · Error · On/Off · Drain Pump · Blue Fin

(30/36/45/54)

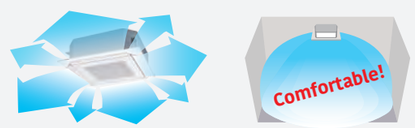
Uniform air distribution by the seamless air opening

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.



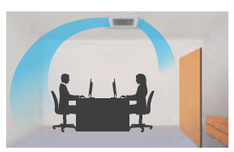
Individual louver control

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-RNRGZ5)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.



UTG-UKGA-W
White Color Grille
With touch panel wired remote controller



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-RNRGZ5) only

REFRIGERANT R32

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



AUXG18/24KRLB



(Black panel)



AUXG30/36/45/54KRLB



(Black panel)



AOHG18KATA



AOHG24KATA



AOHG30/36KATA
AOHG36KQTA



AOHG45/54KATA
AOHG45/54KQTA

Specifications

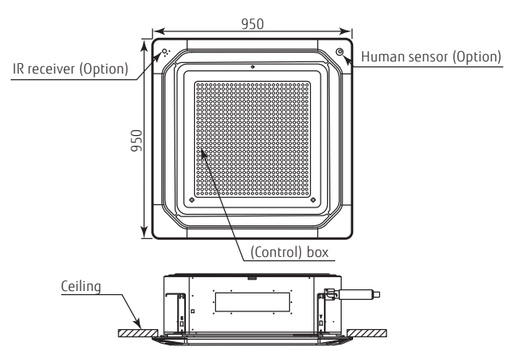
Model name	Indoor unit		AUXG18KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOHG18KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG54KATA	AOHG36KQTA	AOHG45KQTA	AOHG54KQTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	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)	13.4 (4.5-13.8)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	13.4 (4.5-13.8)
		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	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)	15.5 (4.7-16.0)	10.8 (2.7-12.5)	13.5 (4.2-15.0)	15.5 (4.7-16.0)
		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)	46,000 (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		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	Indoor (Cooling)(H/M/L/Q)	dB(A)	33 / 32 / 31 / 28	35 / 33 / 32 / 29	40 / 38 / 36 / 33	44 / 41 / 38 / 34	46 / 42 / 39 / 35	47 / 43 / 40 / 36	44 / 41 / 38 / 34	46 / 42 / 39 / 35	47 / 43 / 40 / 36
	Indoor (Heating)(H/M/L/Q)		33 / 32 / 31 / 28	35 / 33 / 32 / 29	40 / 38 / 36 / 33	44 / 41 / 38 / 34	46 / 42 / 39 / 35	47 / 43 / 40 / 36	44 / 41 / 38 / 34	46 / 42 / 39 / 35	47 / 43 / 40 / 36
	Outdoor		51/52	54/55	53/55	55/55	58/59	58/61	55/55	60/60	61/61
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/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		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			288 × 840 × 840 / 53 × 950 × 950			288 × 840 × 840 / 53 × 950 × 950		
Weight		kg	23 / 6.0	24 / 6.0	26 / 6.0	29 / 6.0	29 / 6.0	29 / 6.0	29 / 6.0	29 / 6.0	29 / 6.0
	Outdoor	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
		kg	33	38	52	52	61	63	53	62	63
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.)			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			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		-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-UKGA-W: White wired remote controller (touch panel) / UTG-UKGC-W: White/UTG-UKGA-B*1: Black								

Optional parts

Compact wired remote controller:	UTY-RCRGZ1	WLAN adapter:	UTY-TFSXZ2	Cassette Grille:	UTG-UKGA-B
	UTY-RCRGZ1K	External input and output PCB:	UTY-XCSX		UTG-UKGA-W
Wired remote controller (touch panel):	UTY-RNRGZ5	External input and output PCB box:	UTZ-GXRA		UTG-UKGC-W
Wired remote controller:	UTY-RLRG	Insulation kit for high humidity:	UTZ-KXRA	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RNNGM	Fresh air intake kit:	UTZ-VXRA	Network Convertor for single split (AC power supply type):	UTY-VTGXV
	UTY-RVNGM	Wide Panel:	UTG-AKXA-W	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRG	Panel Spacer:	UTG-BKXA-W		
Simple remote controller:	UTY-RSRG	External connect kit:	UTY-XWZXZG	**(Outdoor unit 30/36/45/54)**	
	UTY-RSNGM	MODBUS converter:	UTY-VMSX	External connect kit:	UTY-XWZXZ3
Human sensor kit:	UTY-SHZXC	KNX Converter:	UTY-VKSX		
IR receiver unit	UTY-LBTGC1	Air Outlet Shutter Plate:	UTR-YDZK		

Dimensions

(Unit: mm)



( ): AUXG18/24KRLB

SPLIT

Ceiling



reddot winner 2020

(30/36/45/54)

Light elegant design

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



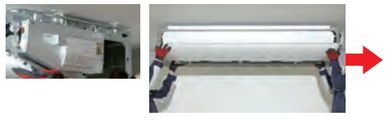
Easy installation

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

1. Set mounting brackets



2. Hold up the ceiling unit and fit to the mounting brackets



3. Attach with screws



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: ABHG18KRTA / ABHG24KRTA / ABHG30KRTA / ABHG36KRTA / ABHG45KRTA
ABHG36KRTA [3-phase] / ABHG45KRTA [3-phase] / ABHG54KRTA [3-phase]



ABHG18KRTA



ABHG24/30KRTA



ABHG36/45/54KRTA



AOHG18KATA



AOHG24KATA



AOHG30/36KATA
AOHG36KQTA



AOHG45KATA
AOHG45KQTA
AOHG54KRTA

Specifications

Model name	Indoor unit		ABHG18KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG36KRTA	ABHG45KRTA	ABHG54KRTA
	Outdoor unit		AOHG18KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA	AOHG54KRTA
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	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)	13.4 (4.5-14.5)
		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)	45,700 (15,350-49,400)
	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)	15.5 (4.7-16.5)
		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)	52,900 (16,040-56,310)
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	4.45 / 4.43
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50	3.01
COP	Heating		3.51	3.75	3.5	3.56	3.23	3.56	3.23	3.50
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	8.0 / 8.0
Moisture Removal		l/h	2.0	2.2	3.0	2.6	4.5	2.6	4.5	5.0
Sound Pressure Level	Indoor (Cooling)(H/M/L/Q)	dB(A)	38 / 36 / 33 / 31	41 / 36 / 32 / 29	45 / 40 / 35 / 32	44 / 40 / 37 / 32	45 / 41 / 39 / 34	44 / 40 / 37 / 32	45 / 41 / 39 / 34	48 / 44 / 41 / 38
	Indoor (Heating)(H/M/L/Q)		38 / 36 / 33 / 31	41 / 36 / 32 / 29	45 / 40 / 35 / 32	44 / 40 / 37 / 32	45 / 41 / 39 / 34	44 / 40 / 37 / 32	45 / 41 / 39 / 34	48 / 44 / 41 / 38
	Outdoor		51/52	54/55	53/55	55/55	58/59	55/55	58/59	57 / 59
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/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	2,100 / 4,450
	Outdoor		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	2,100 / 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	235 × 1,700 × 705
Weight		kg	24	31	31	38	38	38	38	38
	Outdoor	mm	542 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	988 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
		kg	33	38	52	52	61	53	62	67
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	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	25 / 32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	50 (30)
Max. Height Difference			15	20	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	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32

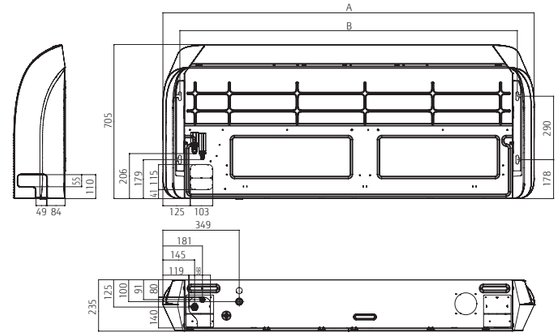
Optional parts

Compact wired remote controller:	UTY-RCRGZ1 / UTY-RCRGZ1K	WLAN adapter:	UTY-TFSXZ2
Wired remote controller (touch panel):	UTY-RNRGZ5	Drain pump unit:	UTR-DPB24T
Wired remote controller:	UTY-RLRG	IR receiver unit:	UTY-LBTGH
Simple remote controller (without operation mode):	UTY-RHRG	L-type piping kit:	UTP-FX24A (18/24) / UTP-FX35A (30/36/45/54)
Simple remote controller:	UTY-RSRG	Communication kit:	UTY-TWRXZ3
External input and output PCB:	UTY-XCSX	MODBUS converter:	UTY-VMSX
External input and output PCB box:	UTZ-GXEA	KNX Converter:	UTY-VKSX

Network Convertor for single split (DC power supply type):	UTY-VTGX
Network Convertor for single split (AC power supply type):	UTY-VTGXV
External switch controller:	UTY-TERX
External connect kit:	UTY-XWZXZG
(Outdoor unit 30/36/45/54)	
External connect kit:	UTY-XWZXZ3

Dimensions

(Unit: mm)



	ABHG18KRTA	ABHG24/30KRTA	ABHG36/45/54KRTA
A	1,080	1,390	1,700
B	923	1,233	1,543

SPLIT

Slim Duct

Slim Design



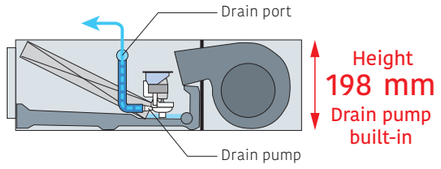
REFRIGERANT R32

ALL DC

Economy | Return | Auto Changeover | Adjust | Restart | Auto OFF | Weekly | +Setback | Filter | On/Off | Drain Pump

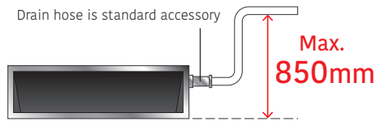
Slim design

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.



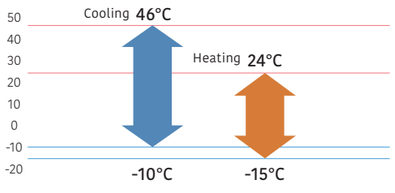
Selectable with a wide range of static pressure

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



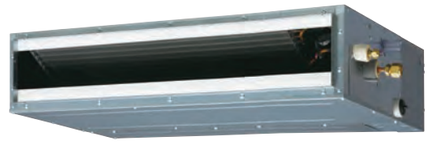
Auto louver grille kit (Option)

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



REFRIGERANT R32

Model: ARXG18KLLAP





AOHG18KATA

Specifications

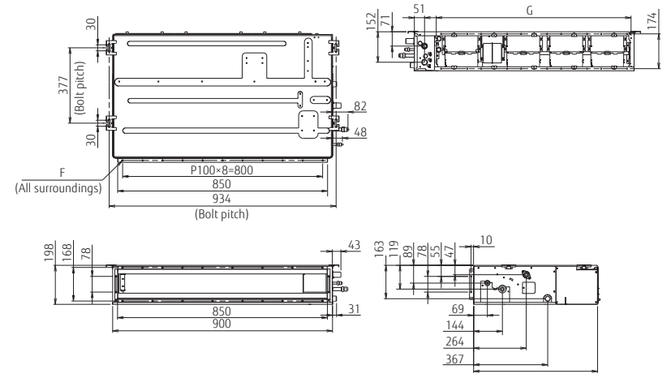
Model name	Indoor unit		ARXG18KLLAP
	Outdoor unit		AOHG18KATA
Power Source		V/Ø/Hz	230/1/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)
		Btu/h	17,700 (3,100-18,400)
	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)
		Btu/h	20,500 (3,100-21,400)
Input Power	Cooling/Heating	kW	1.66/1.71
EER	Cooling	W/W	3.13
COP	Heating		3.51
Running Current	Cooling/Heating	A	7.6 / 7.9
Moisture Removal		l/h	2.0
Sound Pressure Level	Indoor (Cooling)(H/M/L/Q)	dB(A)	32 / 30 / 29 / 27
	Indoor (Heating)(H/M/L/Q)		32 / 30 / 29 / 27
	Outdoor		51/52
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	940/940
	Outdoor		1,710/1,840
Net Dimensions H x W x D	Indoor	mm	198 × 900 × 620
Weight		kg	20
Net Dimensions H x W x D	Outdoor	mm	542 × 799 × 290
Weight		kg	33
Piping Connections (Small / Large)		mm	6.35/12.70
Drain port Diameter (I.D./O.D.)			25/32
Max. Pipe Length (Pre-Charge)		m	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-RCRGZ1	Simple remote controller:	UTY-RSRG	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RCRGZ1K		UTY-RSNGM	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	WLAN adapter:	UTY-TFSXZ2	External connect kit:	UTY-XWZXZG
Wired remote controller:	UTY-RLRG	IR receiver unit:	UTY-LBTGM	Remote sensor unit:	UTY-XSZXZ1
	UTY-RNNGM	MODBUS converter:	UTY-VMSX	External switch controller:	UTY-TERX
	UTY-RVNGM	KNX Converter:	UTY-VKSX		
Simple remote controller (without operation mode):	UTY-RHRG	Auto Louver Grille Kit:	UTD-GXTB-W		

Dimensions

(Unit: mm)



SPLIT

Medium Static Pressure Duct

Standard



REFRIGERANT R32

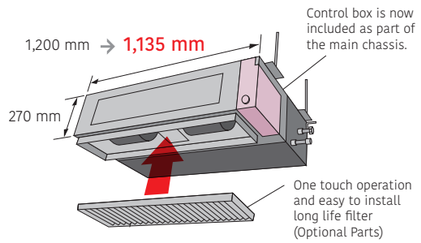
ALL DC

Economy | Return | Auto Changeover | Adjust | Restart | Duct | Distributing | Auto OFF | Weekly | +Setback | Filter | On/Off | Blue Fin

(30/36/45)

Slim & Compact design

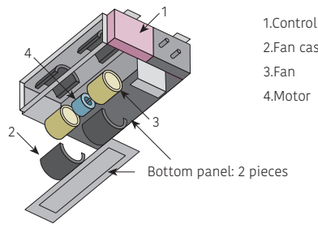
In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, further space savings have been achieved by mounting the control box internally inside the chassis.



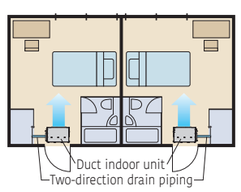
Easy maintenance

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.

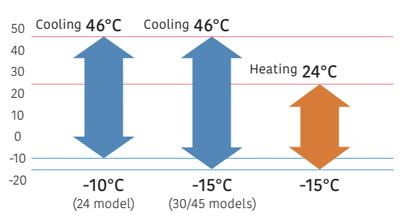
See below for the case of rear suction type



Two-direction drain piping



Wide operation range



REFRIGERANT R32

Model: ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA
ARXG36KMLA [3-phase] / ARXG45KMLA [3-phase]





AOHG24KATA | AOHG30/36KATA AOHG36KQTA | AOHG45KATA AOHG45KQTA

Specifications

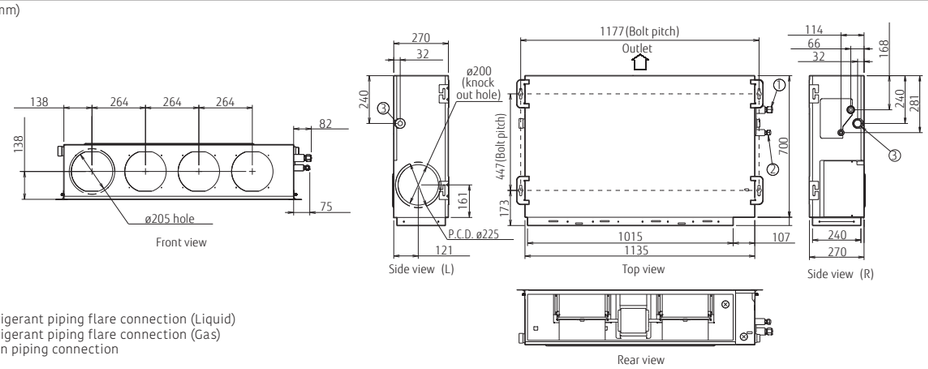
Model name	Indoor unit		ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	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)	32,400 (9,600-36,100)	41,300 (13,600-43,000)
	Heating (Min.-Max.)	kW	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	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	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18
EER	Cooling	W/W	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating		3.75	3.61	3.56	3.23	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	6.0 / 5.8	8.6 / 7.6
Moisture Removal		l/h	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)(H/M/L/Q)	dB(A)	31 / 29 / 27 / 25	39 / 35 / 30 / 26	39 / 35 / 30 / 26	42 / 38 / 32 / 28	39 / 35 / 30 / 26	42 / 38 / 32 / 28
	Indoor (Heating)(H/M/L/Q)		31 / 29 / 27 / 25	42 / 35 / 30 / 26	42 / 35 / 30 / 26	42 / 38 / 32 / 28	42 / 35 / 30 / 26	42 / 38 / 32 / 28
	Outdoor		54/55	53/55	55/55	58/59	55/55	58/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	1,100/1,100	1,900/2,100	1,900/2,100	2,100/2,100	1,900/2,100	2,100/2,100
	Outdoor		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	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700
Weight		kg	35	38	38	39	38	39
Net Dimensions H x W x D	Outdoor	mm	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320
Weight		kg	38	52	52	61	53	62
Piping Connections (Small / Large)		mm	6.35/12.70	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	35.7/38.1	35.7/38.1
Max. Pipe Length (Pre-Charge)		m	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			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
	Heating		-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

Optional parts

Compact wired remote controller:	UTY-RCRGZ1	WLAN adapter:	UTY-TFSXZ2	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RCRGZ1K	Flange (Round):	UTD-RF204	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	Flange (Square):	UTD-SF045T	MODBUS converter:	UTY-VMSX
Wired remote controller:	UTY-RLRG	IR receiver unit:	UTY-LBTGM	KNX Converter:	UTY-VKSX
	UTY-RNNGM	Remote sensor unit:	UTY-XSZXZ1		
	UTY-RVNGM	External connect kit:	UTY-XWZXZG	(Outdoor unit 30/36/45)	
Simple remote controller (without operation mode):	UTY-RHRG	External switch controller:	UTY-TERX	External connect kit:	UTY-XWZXZ3
Simple remote controller:	UTY-RSRG	Long-life filter:	UTD-LF25NA		
	UTY-RSNGM	Drain pump unit:	UTZ-PX1NBA		

Dimensions

(Unit: mm)



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

SPLIT

High Static Pressure Duct



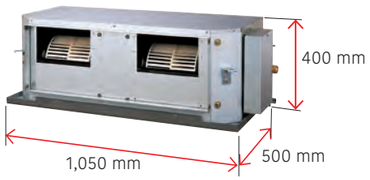
REFRIGERANT R32

ALL DC

Economy | Auto Changeover | Adjust | Restart | Auto OFF | Weekly | +Setback | Filter | Error | On/Off | Blue Fin

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.



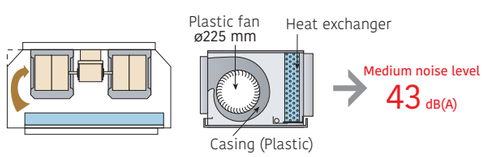


Design also suits high static pressure



Low noise

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



REFRIGERANT R32

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





AOHG45KRTA
AOHG54KRTA

Specifications

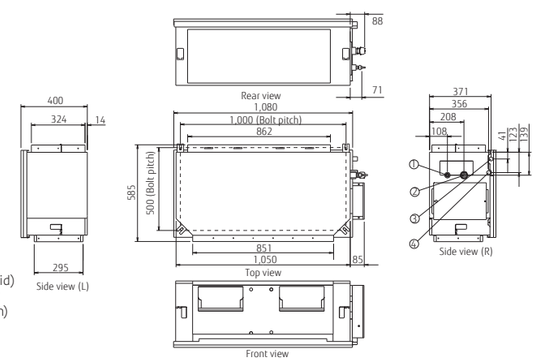
Model name	Indoor unit		ARXG45KHTB	ARXG54KHTB
	Outdoor unit		AOHG45KRTA	AOHG54KRTA
Power Source		V/Ø/Hz	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)
		Btu/h	41,300 (13,600-47,800)	45,700 (17,100-49,400)
	Heating (Min.-Max.)	kW	13.5 (5.0-16.2)	15.5 (5.5-18.0)
		Btu/h	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		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	Indoor (Cooling)(H/M/L)	dB(A)	47 / 43 / 40	47 / 43 / 40
	Indoor (Heating)(H/M/L)		47 / 43 / 40	47 / 43 / 40
	Outdoor		57/57	57/59
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	3,350/3,350	3,350/3,350
	Outdoor		4,450/4,450	4,450/4,450
Net Dimensions H x W x D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500
Weight		kg	46	46
	Outdoor	mm	998 × 940 × 320	998 × 940 × 320
		kg	67	67
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)			23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)		m	50 (30)	50 (30)
Max. Height Difference			30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant			R32	R32

Optional parts

Compact wired remote controller:	UTY-RCRGZ1	Remote sensor unit:	UTY-XSZXZ1	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RCRGZ1K	Long-life filter:	UTD-LF60KA	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	External switch controller:	UTY-TERX	External input and output PCB:	UTY-XCSX
Wired remote controller:	UTY-RLRG	WLAN adapter:	UTY-TFSXZ2	External input and output PCB box:	UTZ-GXEA
Simple remote controller:	UTY-RSRG	MODBUS converter:	UTY-VMSX		
	UTY-RHRG	KNX Converter:	UTY-VKSX	(Outdoor unit)	UTY-XWZXZ3
IR Receiver unit:	UTY-LBTGM	External connect kit:	UTY-XWZXZG	External connect kit:	

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



REFRIGERANT R410A

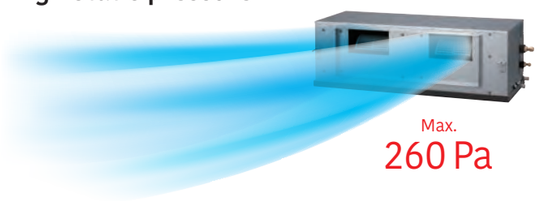
ALL DC

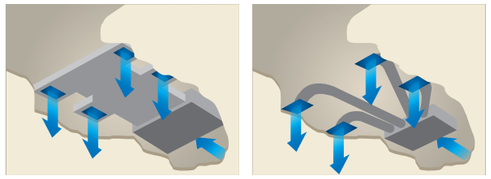
Economy · Auto Changeover · Adjust · Restart · +Setback · Filter · Blue Fin

High energy efficiency

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

Design also corresponding to high static pressure





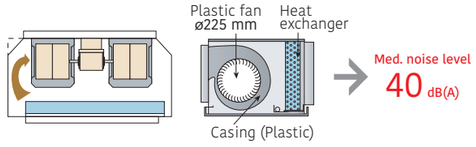
Easy installation (Compact & Lightweight)

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

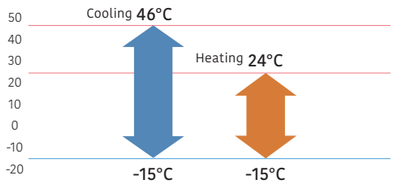


Low noise

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



REFRIGERANT R410A

Model : ARHG60LHTA [3 phase]





Wired R.C.



AOHG60LATT

Specifications

Model name	Indoor unit		ARHG60LHTA
	Outdoor unit		AOHG60LATT
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)
	Heating (Min.-Max.)	kW	18.0(6.0-20.0)
		Btu/h	61,500(21,200-68,300)
Input Power	Cooling/Heating	kW	4.70/5.15
EER	Cooling	W/W	3.19
COP	Heating		3.50
Running Current	Cooling/Heating	A	7/8
Moisture Removal		l/h	2.0
Sound Pressure Level	Indoor (Cooling)(H/M/L)	dB(A)	45 / 40 / 36
	Indoor (Heating)(H/M/L)		45 / 40 / 36
	Outdoor		56/58
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/h	3,350/3,350
	Outdoor		6,900/7,300
Net Dimensions H x W x D	Indoor	mm	425 × 1,250 × 490
Net Weight		kg	54
	Outdoor	mm	1,290 × 900 × 330
		kg	104
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

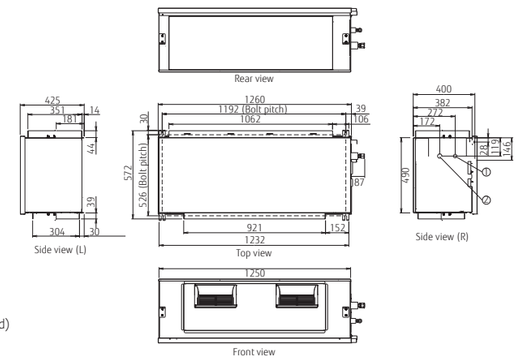
Wired Remote Controller: UTY-RNNGM, UTY-RVNGM
Simple Remote Controller: UTY-RSNGM
External Switch Controller: UTY-TERX
Remote Sensor Unit: UTY-XSZXZ1
External Connect Kit: UTD-ECS5A
IR Receiver Unit UTY-LRHGM
WLAN adapter: UTY-TFNXZ3

Network Convertor for single split (DC power supply type): UTY-VTGX
Network Convertor 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



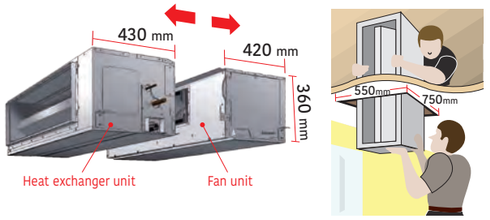
REFRIGERANT R410A

ALL DC

Economy | Set Temp. | Return | Auto Changeover | Adjust | Restart | OFF Auto OFF | Weekly | Filter | On/Off | Blue Fin

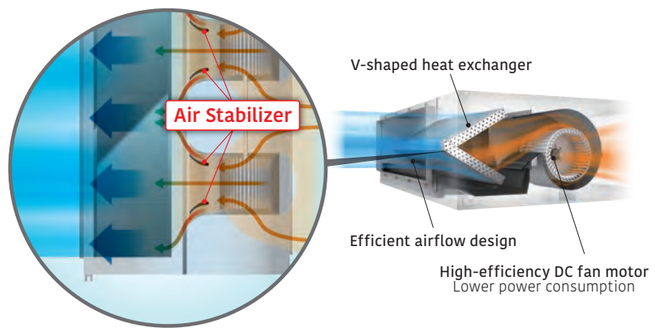
Splittable, lightweight, and compact design

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



Quiet operation

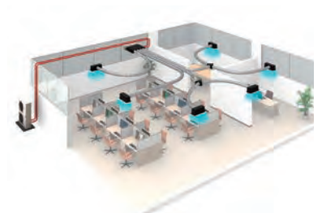
The combination of a V-shaped heat exchanger, an air stabilizer, and a high-efficiency DC fan motor enables this compact unit to operate quietly.



Automatic airflow adjustment function

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





REFRIGERANT R410A

Model: ARHG72LHTA / ARHG90LHTA





Wired RC



AOHG72LRLA
AOHG90LRLA

Specifications

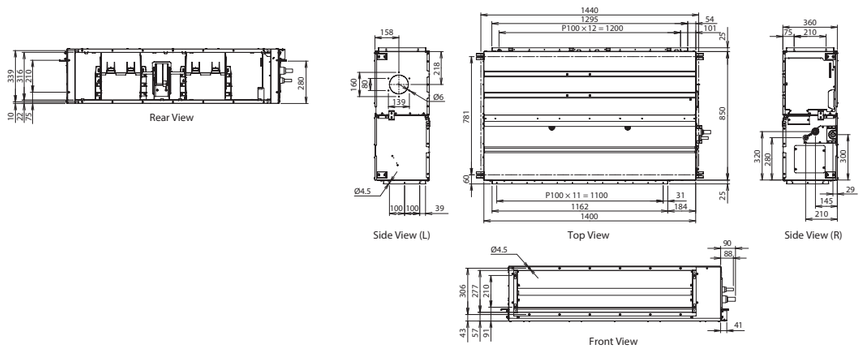
Model name	Indoor unit		ARHG72LHTA	ARHG90LHTA
	Outdoor unit		AOHG72LRLA	AOHG90LRLA
Power Source	Indoor	V/Ø/Hz	230/1/50	230/1/50
	Outdoor		400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	19.0 (8.4-20.9)	22.0 (10.3-24.2)
		Btu/h	64,800 (28,600-71,300)	75,000 (35,100-82,500)
	Heating (Min.-Max.)	kW	22.4 (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	W/W	2.94	2.83
COP	Heating		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	Indoor (Cooling)(H/M/L/Q)	dB(A)	46 / 43 / 41 / 39	47 / 44 / 42 / 40
	Indoor (Heating)(H/M/L/Q)		46 / 43 / 41 / 39	47 / 44 / 42 / 40
	Outdoor		55/55	55/57
Airflow Rate (Cooling/Heating)	Indoor (High)	m^3/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 Weight	Indoor	mm	360 × 1,400 × 850	360 × 1,400 × 850
		kg	69	80
	Outdoor	mm	1,428 × 1,080 × 480	1,428 × 1,080 × 480
		kg	165	174
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-RCRGZ1	WLAN adapter:	UTY-TFSXZ2	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RCRGZ1K	External input and output PCB:	UTY-XCSX	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	Remote sensor unit:	UTY-XSZXZ1	External connect kit:	UTY-XWZXZG
Wired remote controller:	UTY-RLRG	Long-life filter	UTD-LFKA	Drain pump unit:	UTZ-PX1NAB
	UTY-RNNGM	IR receiver unit:	UTY-LBTGM		
	UTY-RVNGM		UTY-LRHGM	(Outdoor unit)	
Simple remote controller (without operation mode):	UTY-RHRG	MODBUS converter:	UTY-VMSX	External connect kit:	UTY-XWZXZ3
Simple remote controller:	UTY-RSRG	KNX Converter:	UTY-VKSX		
	UTY-RSNGM	External switch controller:	UTY-TERX		

Dimensions

(Unit: mm)



Feature Summary

Country	for Vietnam			Common models												
Type	Wall Mounted			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		Heating & Cooling	Cooling only	Heating & Cooling			Heating & Cooling								
Model name	ASGH 09/12CPTB-V	ASGG 09/12/18/24 CPTA-V	ASGG09LLTB-V ASGG12LLTA-V	ASGG 18/24/30/36 CETA-B	ASHH09/12KLTA	ASGH 18/24KMTA-R	ASGG 18/24KJTA-B	AUXG18KVLA AUXG24KVLA	AUXG 18/24/30/36/45/54 KRLB	ABHG 18/24/30/36/45/54 KRTA	ARXG18KLLAP	ARXG 24/30/36/45 KMLA	ARXG45/54KHTB	ARHG60LHTA	ARHG72/90LHTA	
Energy Saving Function																
Save human 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									○							
Convenient 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	○	●		●			●									
Silver ion filter II (PM2.5+Anti virus)	●	○		○	○	●	○									
Installation / Support																
Drain pump as standard								●	●	○	●	○			○	
Blue fin	●	●		●	●	●	●		● (30/36/45/54)	● (30/36/45/54)		● (30/36/45)	●	●	●	
Refrigerant cycle monitor	○				○	○										

○ : Optional function