

Light Commercial & Residential SPLIT & MULTI-SPLIT

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

These are air conditioners that are both user-friendly and environment-friendly. Fujitsu General air conditioners cater to a wide range of needs, from living rooms, bedrooms, stores, small offices, through to hotels.

SPLIT

- Refrigerant R32 models
 - Wall-mounted type
 - Cassette
 - Duct
 - Floor
 - Ceiling
- Refrigerant R410A models
 - Duct

MULTI-SPLIT

- Refrigerant R32 models
 - 2-unit to 5-unit Multi-split
 - Simultaneous Multi-split Twin/Triple
- Refrigerant R410A models
 - 6-unit Multi-split
 - Simultaneous Multi-split Twin/Triple/Double Twin



SPLIT & MULTI-SPLIT

Light Commercial &
Residential



Light Commercial & Residential SPLIT

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Refrigerant R32 models

Wall-mounted type – Built in W-LAN adapter model

- S-014 Designer Series
 - High Spec & Design
 - Cool Beauty Design
- S-018 Standard Series
 - High-Efficiency & Comfort

Wall-mounted type

- S-020 Standard Series
 - High-Efficiency & Large Rooms
- S-024 ECO Series
 - Compact Size
 - Comfort for Large Rooms

Cassette

- S-028 Compact 4-way Flow Series – Compact Size
- S-030 Circular Flow Series – Comfort for Large Rooms

Duct

- S-032 Slim Duct – Slim Design
- S-034 Medium Static Pressure Duct
 - High-Efficiency & Comfort
 - Compact Size
 - Standard
- S-040 High Static Pressure Duct

Floor, Ceiling

- S-046 Floor – Compact Size
- S-048 Ceiling



Refrigerant R410A models

Duct

- S-042 High Static Pressure Duct
- S-044 Big Duct



Split Overview

Fujitsu General provides its customers with 5 types and 149 models of air conditioning systems perfect for various customer applications and layouts. Added to this lineup recently are the environment-friendly R32 refrigerant models.



Wall-mounted type, Designer Series, Cool Beauty Design



Ceiling



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.



Floor

The compact and slim design makes this model suitable for installation in commercial as well as residential buildings. This model is also recommended as a heating device because it delivers a warm airflow from both the top and bottom outlets.



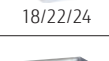
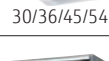
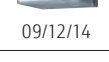
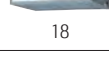
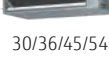
Ceiling

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.

Indoor Units Lineup



FUJITSU GENERAL (Euro) GmbH participates in the ECP program for AC. Check ongoing validity of certificate: www.eurovent-certification.com

Type	Series	Refrigerant	Model	Class														
				7	9	12	14	18	22	24	30	36	45	54	60	72	90	
Wall-mounted type Built in W-LAN adapter model	Designer Series High Spec & Design		 	ASHG07KGT	ASHG09KGT	ASHG12KGT		ASHG14KGT										
	Designer Series Cool Beauty Design		  	ASHG07KET ASHG07KET-B	ASHG09KET ASHG09KET-B	ASHG12KET ASHG12KET-B		ASHG14KET ASHG14KET-B										
	Standard Series High-Efficiency & Comfort		 	ASHG07KMC	ASHG09KMC	ASHG12KMC		ASHG14KMC										
Wall-mounted type	Standard Series High-Efficiency & Large Rooms								ASHG18KMT		ASHG24KMT							
	Standard Series High-Efficiency & Large Rooms		 									ASHH30KMT	ASHH36KMT					
	ECO Series Compact Size			ASHG07KPC	ASHG09KPC	ASHG12KPC												
	ECO Series Comfort for Large Rooms								ASHG18KLC		ASHG24KLC							
	Designer Series High Spec & Design			ASHG07KGT	ASHG09KGT	ASHG12KGT		ASHG14KGT										
	Designer Series Cool Beauty Design		 	ASHG07KET ASHG07KET-B	ASHG09KET ASHG09KET-B	ASHG12KET ASHG12KET-B		ASHG14KET ASHG14KET-B										
	Standard Series High-Efficiency & Comfort			ASHG07KMC	ASHG09KMC	ASHG12KMC		ASHG14KMC										
Cassette	Compact 4-way Flow Series Compact Size				AUXG09KVL	AUXG12KVL		AUXG14KVL	AUXG18KVL	AUXG22KVL	AUXG24KVL							
	Circular Flow Series Comfort for Large Rooms		 18/22/24  30/36/45/54						AUXG18KRL	AUXG22KRL	AUXG24KRL	AUXG30KRL	AUXG36KRL	AUXG45KRL	AUXG54KRL			
Duct	Slim Duct		 09/12/14  18		ARXG09KLL	ARXG12KLL		ARXG14KLL	ARXG18KLL									
	Medium Static Pressure Duct High-Efficiency & Comfort		 22/24  30/36/45/54 							ARXH22KMT	ARXH24KMT	ARXH30KMT	ARXH36KMT	ARXH45KMT	ARXH54KMT			
	Medium Static Pressure Duct Compact Size		 12/14  18/22/24/30  36/45/54			ARXG12KHT		ARXG14KHT	ARXG18KHT	ARXG22KHT	ARXG24KHT	ARXG30KHT	ARXG36KHT	ARXG45KHT	ARXG54KHT			
	Medium Static Pressure Duct Standard									ARXG22KML	ARXG24KML	ARXG30KML	ARXG36KML	ARXG45KML				
	High Static Pressure Duct													ARXG45KHT	ARXG54KHT			
																ARHG60LHT		
	Big Duct																ARHG72LHT	ARHG90LHT
Floor Compact & Comfort					AGHG09KVC	AGHG12KVC		AGHG14KVC										
Ceiling			 18/22  24/30  36/45/54						ABHG18KRT	ABHG22KRT	ABHG24KRT	ABHG30KRT	ABHG36KRT	ABHG45KRT	ABHG54KRT			

Features

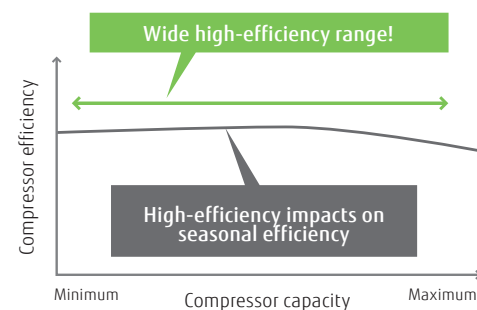
High-Efficiency

ALL DC All DC Inverter Technology



DC twin-rotary compressor

A high-efficiency 2-cylinder rotary compressor with a DC inverter optimizes the internal structure of the compressor to achieve higher energy efficiency compared to similar compressors.



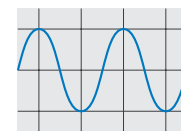
DC fan motor

The DC fan motor produces high power, a wide operating range, and high-efficiency.



Sine-wave DC inverter control

High-efficiency operation is realized by using sine-wave DC inverter control.



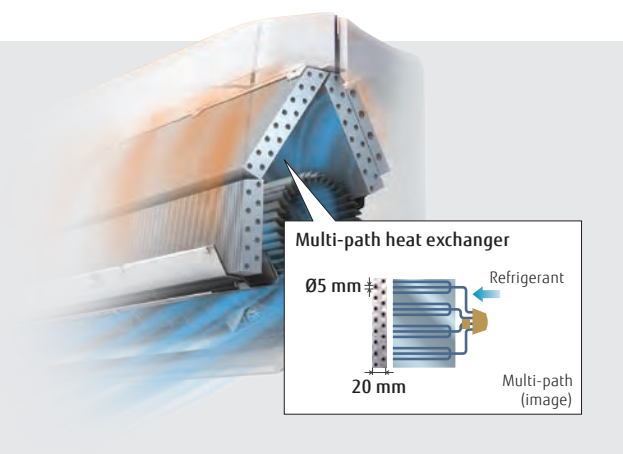
Heat Exchanger for Wall-mounted type

High-density multipath heat exchanger

Thinner and denser heat exchangers and multipath efficiency technology have substantially improved heat exchange performance.

High-performance sub-cool heat exchanger

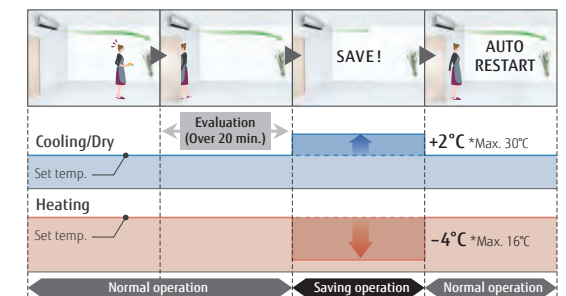
A counter-type bypass circuit has been incorporated to achieve a higher performance. (Large multi-split type, VRF)



High Energy Saving

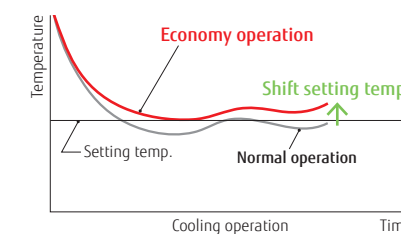
Occupancy sensor control

The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



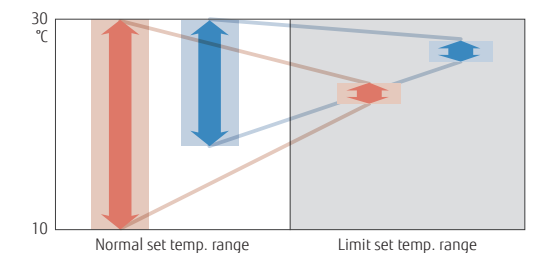
Economy operation

Limits maximum operation, reducing the power consumption, and thereby suppressing the maximum load.



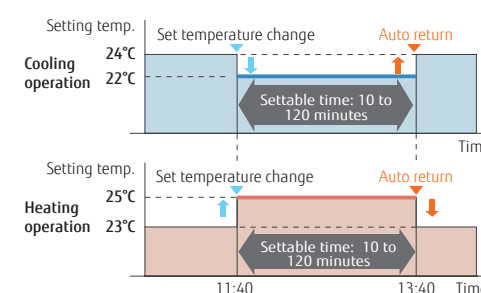
Setting temperature range limitation

The minimum and maximum temperature range can be set giving further energy savings while considering the comfort of the occupants.



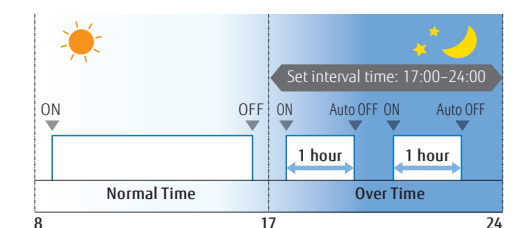
Set temperature auto return

- The set temperature automatically returns to the previously set temperature.
- The time range in which the set temperature can be changed is from 10 to 120 minutes.

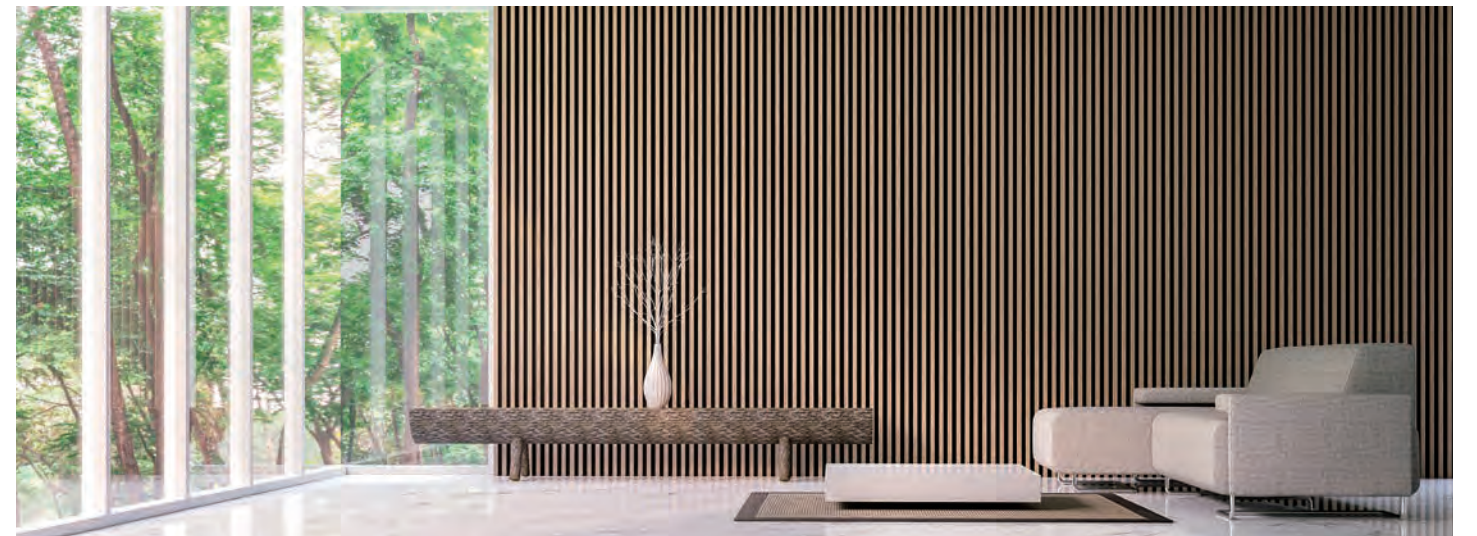


Auto-off timer

- The indoor unit is automatically turned off when it reaches a preset operating time frame.
- The time frame of the Auto-off timer can be flexibly scheduled.
- Auto-off times can be set from 30 to 240 minutes.

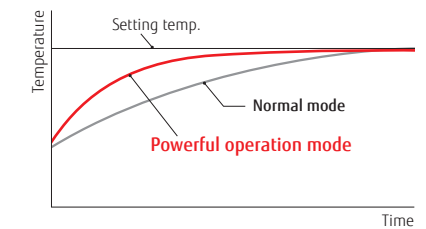


More Comfort



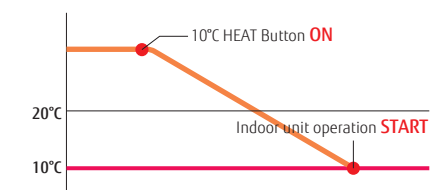
Powerful operation

Maximum airflow and maximum compressor speed are maintained for the period necessary to reach the set temperature quickly.



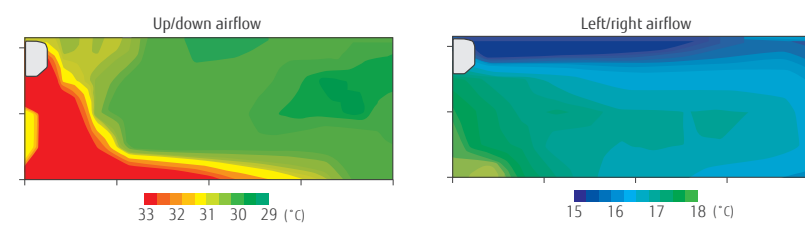
10°C heat

After a person has left the room, the system switches to minimum heating operation to maintain the room temperature. (Maintained at 10°C)



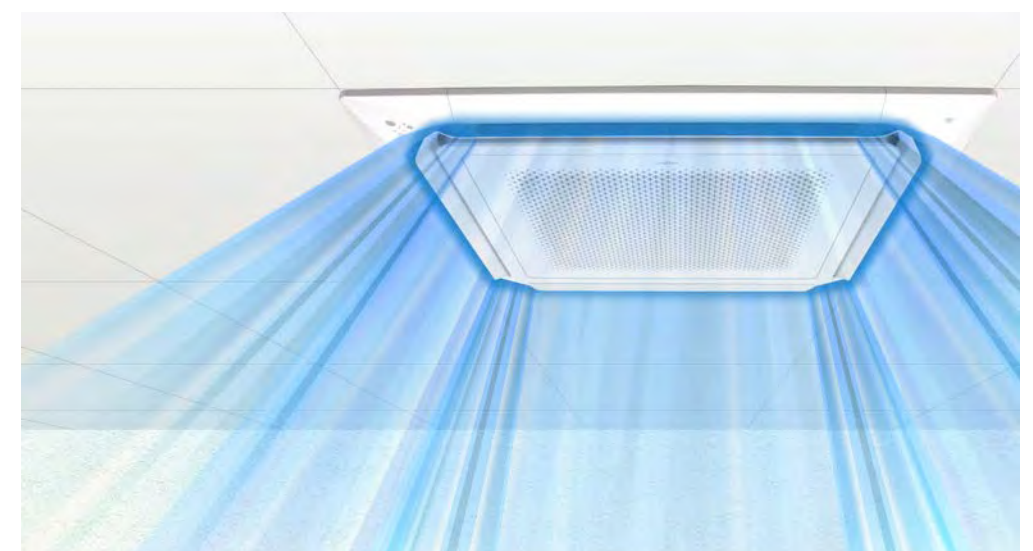
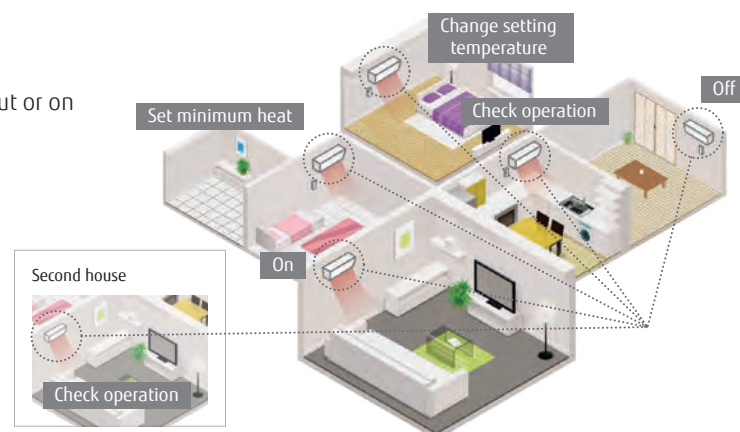
Power diffuser

These three technologies enable precise wind direction control and improve ventilation efficiency; our airflow control offers a more comfortable environment.



Wireless LAN control

Users can control their air conditioners from anywhere with their mobile devices while out or on the move.



Uniform air conditioning

Circular airflow to achieve uniform air conditioning without temperature unevenness in workspaces



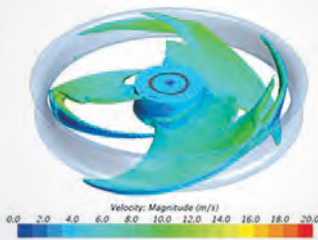
Quiet and Comfort Control



Low Noise Technology

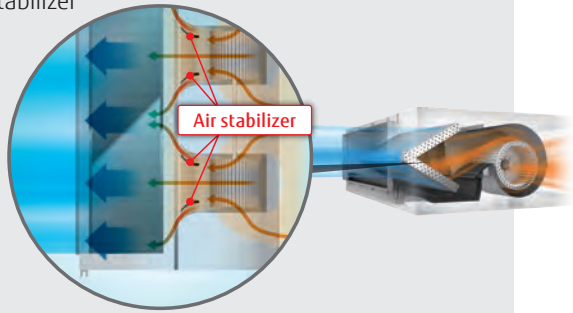
Outdoor unit fan

Outdoor unit fan design with a small separation vortex, minimized air volume by fan control, and top-class low noise



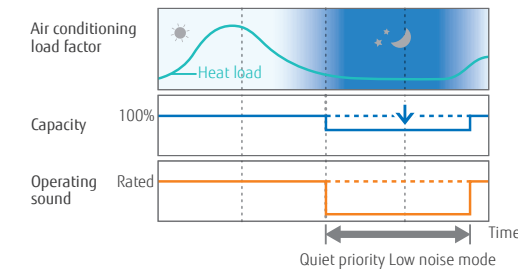
Air stabilizer in Duct

Low-noise duct structure with a built-in air stabilizer



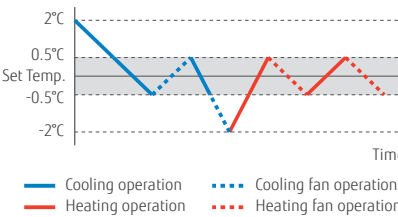
Outdoor unit low noise operation

Users can choose low noise levels, depending on the installation environment. Operation time can be set by timer.



Auto changeover

In an auto setting, the system automatically switches between cooling and heating modes according to the set temperature and room temperature.



Fresh air intake for Cassette, Duct, Ceiling

Fresh air is taken in by a fan connected to an external control unit.



Feature Explanation

Energy-Saving Features

- Save** **Save Occupancy sensor**
The Occupancy sensor detects the movement of people in the room and determines whether to switch to energy saving operation.
- Set Temp.** **Setting temperature range limitation**
Sets the minimum and maximum limits on room temperature to establish the right balance between energy saving and a comfortable environment.
- Save+Stop** **Occupancy sensor control**
The Occupancy sensor (option) detects movement of people in the room and decides whether to save energy or stop the unit.
- Return** **Set temperature auto return**
The setting temperature automatically returns to the previously set temperature.
- Economy** **Economy operation**
The thermostat setting is adjusted automatically according to the room temperature to avoid unnecessary cooling or heating.

Features for Comfort

- Diffuser** **Power diffuser**
An additional louver that opens based on input from monitoring sensors to quickly enhance immediate comfort needs.
- Low Noise** **Outdoor unit low noise operation**
The noise level of the outdoor unit can be selected.
- Double** **Double swing automatic**
Complex swing action of the louver enables automatic swing in both the left/right and up/down directions.
- Duct** **Connectable fresh air duct**
Outside air can be introduced by attaching a locally purchased duct to the fresh air knockout and an optional part.
- Individual** **Individual airflow direction control**
Each louver of a 4-way Cassette type can be controlled individually to provide comfortable airflow.
- Powerful** **Powerful operation**
Operation at maximum air flow and compressor speed, that quickly makes the room comfortable.
- Changeover** **Auto changeover**
The unit automatically switches between heating and cooling modes based on the temperature setting and the room temperature.
- Adjust** **Automatic fan speed**
A micro-computer automatically adjusts the airflow to follow the changes in room temperature.
- Intake** **Fresh air intake**
Fresh air can be taken in by a fan connected to an external control unit.
- Up/Down** **UP/DOWN swing louver**
The vertical louver automatically swings up and down.
- Restart** **Auto restart**
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.
- Distributing** **Connectable distributing duct**
Locally purchased branch ducts can be attached to the systems to distribute the airflow.

Convenience Features

- Auto OFF** **Auto-off timer**
Automatically stops operation when a fixed time has elapsed from the start of operation.
- Weekly** **Weekly timer**
Different ON-OFF times can be set for each day.
- Error** **External error output**
- Multi Control** **Multi System Control**
Operation using "Lead Lag Operation", "Back up operation", "Lag Operation" is possible. (Page C-011)
- Sleep** **Sleep timer**
A micro-computer gradually changes the room temperature automatically to promote a comfortable night's sleep.
- +Setback** **Weekly & Temperature setback timer**
Weekly & Temperature setback timer can set the temperature for 2-time spans and for each day of the week.
- On/Off** **External ON/OFF input**
- Special Cooling** **Special Cooling**
"Special Cooling" is a function that supports the operation of "Multi System Control".
- Program** **Program timer**
This digital timer allows selection of one of four options: ON, OFF, ON + OFF, or OFF + ON.
- Filter** **Filter sign**
Indicates the filter cleaning period by blinking.
- LAN** **Wireless LAN control**
The optional WLAN adapter enables the air conditioner to be operated by smartphone or tablet PC from outside the home.

Clean Features

- ION** **Ion deodorization filter**
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by an ultra-fine-particle ceramic.
- Washable** **Washable panel**
Since the front panel is easy to remove, maintenance is also easy.
- AF** **Apple-catechin filter**
The Apple-catechin filter uses static electricity to clean fine particles and dust from the air.
- Silver Ion** **Silver Ion Filter**
The Silver ion filter helps to keep indoor air free from viruses, bacteria and molds.

- Long Life** **Long-life filter**

Installation / Support

- Adjust** **Automatic airflow adjustment**
Automatically detects required airflow in each application case and adjusts the volume.
- Refrigerant Cycle** **Refrigerant cycle monitor**
The values of each sensor and actuator can be displayed, and the status of the refrigeration cycle can be checked.
- Drain Pump** **Drain pump as standard**
- Blue Fin** **Blue fin**



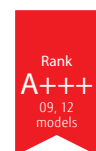
Wall-mounted type

Built-in W-LAN adapter model
Designer Series
High Spec & Design



High energy saving

Top class high efficiency is achieved by high efficient lambda-shaped heat exchanger, large cross flow fan and new refrigerant.



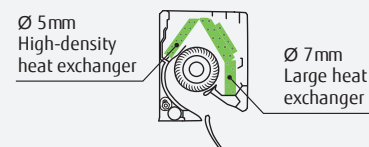
SEER
8.9
09 model

SCOP
5.3
07 model



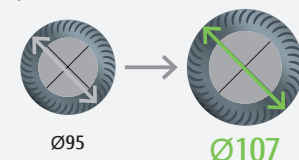
Hybrid-heat exchanger

The large hybrid heat exchanger has greatly improved the heat exchange efficiency to achieve top-level SEER and SCOP.



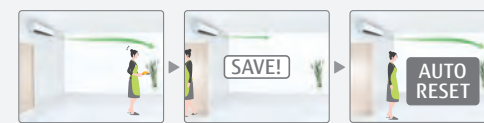
Ø107 Large cross-flow fan

The large-diameter fan generates air volume efficiently even at reduced power.



Occupancy sensor

The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



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.



19 dB(A)
(07/09/12 models)
Cooling only

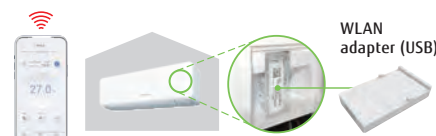
Smart device control

With the WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.

* For more information about smart device control, please refer to the page C-018.

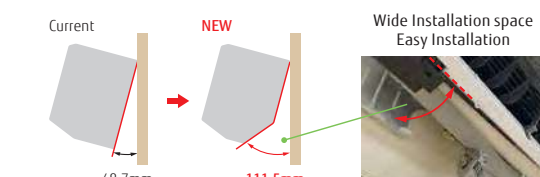
You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

AIRSTAGE
Mobile



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.



Model: ASHG07KGTF / ASHG09KGTF / ASHG12KGTF / ASHG14KGTF



WLAN adapter
(Built-in)



Wireless RC



Specifications

Model name	Indoor unit	Outdoor unit	ASHG07KGTF	ASHG09KGTF	ASHG12KGTF	ASHG14KGTF
			AOHG07KGCB	AOHG09KGCB	AOHG12KGCB	AOHG14KGCB
Power Source	Single phase, ~230 V, 50 Hz					
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.1)	4.2 (0.9-4.5)
	Heating	kW	2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	5.4 (0.9-6.4)
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling	W/W	5.00	4.50	4.22	3.57
	Heating	W/W	5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	8.10	8.90	8.70	7.90
SCOP	Heating (Average)	W/W	5.30	5.20	5.20	4.50
Energy Efficiency Class	Cooling		A++	A+++	A+++	A++
	Heating (Average)		A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	86	98	137	186
	Heating	kWh/a	606	645	673	1,242
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/19	40/34/30/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/21	42/36/31/21	42/38/33/21	44/39/33/24
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	46/48	50/50	50/50
	Indoor (Cooling/Heating)	High	54/56	55/57	56/58	57/59
Airflow Rate	Outdoor (Cooling/Heating)	High	61/62	61/63	65/66	65/66
	Indoor/Outdoor (Cooling)	High	650/1,610	700/1,610	700/1,680	770/1,680
	Indoor/Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580
Net Dimensions H x W x D	Indoor	mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor	kg	10	10	10	10
	Outdoor	kg	30	30	31	32
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52			
Drain Hose Diameter (I.D./O.D.)		mm	13.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)		m	20 (15)			
Max. Height Difference		m	15			
Operating Range	Cooling	°CDB	-10 to 46			
	Heating	°CDB	-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg (CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Optional parts

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-048.

Compact wired remote controller: UTY-RCRGZ1
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

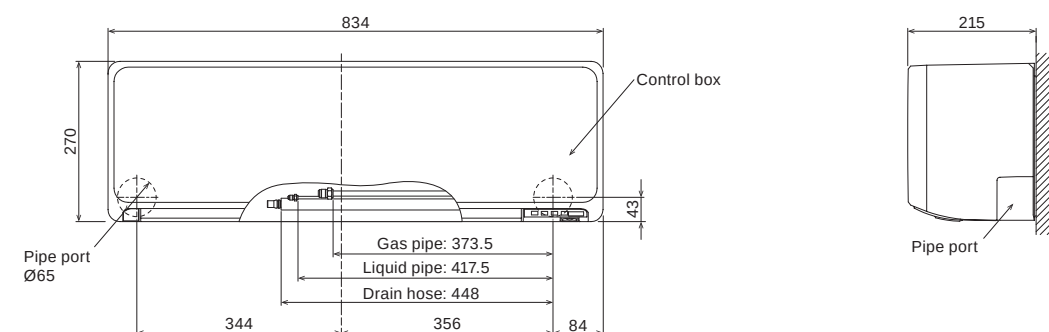
External switch controller: UTY-TERX
Communication kit: UTY-TWRXZ2
External input and output PCB*: UTY-XCSXZ2
External connect kit: UTY-XWZX
UTY-XWZXZ5

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
Silver Ion filter: UTR-FA16-5

*1 It is required when 2 or more external input and output ports are used.

Dimensions

(Unit: mm)



Wall-mounted type

Built-in W-LAN adapter model
Designer Series
Cool Beauty Design



Cool beauty design

We have designed this series exclusively for the European market. The exterior design harmonizes beautifully with any decor and adds comfortable elegance to the room. The light, elegant and three-dimensional expression achieved by the curved surface is beautiful from any angle.



CMF: COLOR MATERIAL FINISH

The texture of the front panel expresses the craftsmanship of Europe, and changes its expression with the changing light of the day.

High energy saving

Top class high efficiency is achieved by high efficient lambda-shaped heat exchanger, large cross flow fan and new refrigerant.

Rank
Cooling*1
A++
Heating*2
A+

SEER
7.4
*1

SCOP
4.4
*2

*1: 07/09 models *2: 12 model

Hybrid-heat exchanger

Ø 5mm High-density heat exchanger
Ø 7mm Large heat exchanger

Ø107 Large cross-flow fan

Ø107

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.

20 dB(A)
Cooling only

Smart device control

With the WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.
* For more information about smart device control, please refer to the page C-018.

You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

Model: ASHG07KETF / ASHG09KETF / ASHG12KETF / ASHG14KETF (Peal white X White)
ASHG07KETF-B / ASHG09KETF-B / ASHG12KETF-B / ASHG14KETF-B (Silver X Dark gray)



Specifications

Model name	Indoor unit		ASHG07KETF ASHG07KETF-B	ASHG09KETF ASHG09KETF-B	ASHG12KETF ASHG12KETF-B	ASHG14KETF ASHG14KETF-B
	Outdoor unit		AOHG07KETA	AOHG09KETA	AOHG12KETA	AOHG14KETA
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
	Heating		2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating		785	819	795	1,367
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
	Outdoor (Cooling/Heating)	High	46/46	46/46	50/50	50/50
Sound Power Level	Indoor (Cooling/Heating)	High	54/56	55/57	55/58	57/59
	Outdoor (Cooling/Heating)	High	61/61	61/62	65/65	65/66
Airflow Rate	Indoor/Outdoor (Cooling)	High	650/1,650	700/1,650	700/1,700	770/1,680
	Indoor/Outdoor (Heating)	High	720/1,450	750/1,450	770/1,470	800/1,580
Net Dimensions H x W x D	Indoor	mm	295 × 950 (wall side: 840) × 230			
Weight	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
	Indoor	kg	11	11	11	11.5
	Outdoor	kg	23	23	25	31
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	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	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
Operating Range	Cooling	°CDB	-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
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

Optional parts

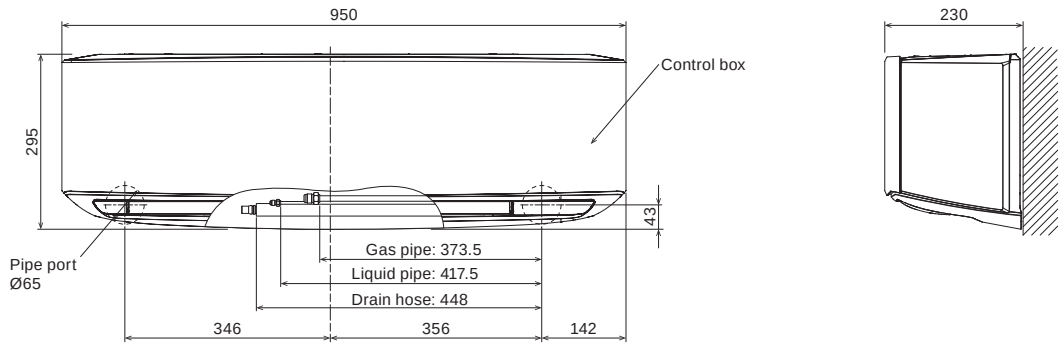
* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5	External input and output PCB*1:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG	External connect kit:	UTY-XWZX	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RHRG		UTY-XWZXZ5		
Simple remote controller:	UTY-RSRG	External switch controller:	UTY-TERX		

*1 It is required when 2 or more external input and output ports are used.

Dimensions

(Unit: mm)



Wall-mounted type

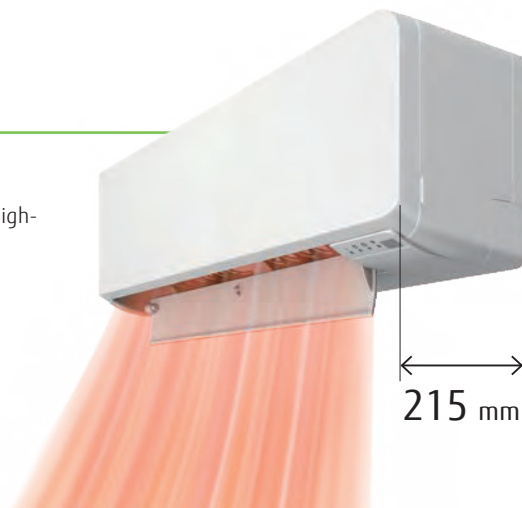
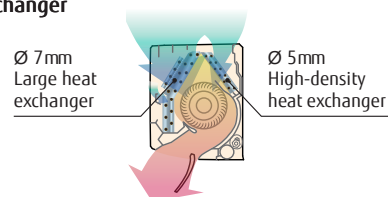
Built-in W-LAN adapter model
Standard Series
High-Efficiency & Comfort



Slim & stylish square design

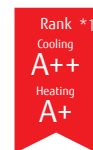
The slim and stylish square design of this indoor unit is realized by using a high-density, multipath heat exchanger and a high-efficiency wind blower.

Hybrid-heat exchanger



High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.



SEER
7.4^{*1}

^{*1}: 07/09 models

SCOP
4.4^{*2}

^{*2}: 12 model

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.



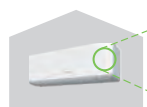
Smart device control

With the WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.

^{*} For more information about smart device control, please refer to the page C-018.

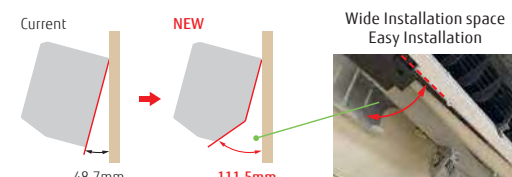
You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

AIRSTAGE
Mobile



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.



Model: ASHG07KMCF / ASHG09KMCF / ASHG12KMCF / ASHG14KMCF



WLAN adapter
(Built-in)



Wireless RC



For ASHG07/09/12KMCF



For ASHG14KMCF

Specifications

Model name	Indoor unit		ASHG07KMCF	ASHG09KMCF	ASHG12KMCF	ASHG14KMCF
	Outdoor unit		AOHG07KMCC	AOHG09KMCC	AOHG12KMCC	AOHG14KMCC
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)
	Heating	kW	2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating	W/W	4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)	W/W	4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating	kWh/a	785	819	795	1,366
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	46/46	50/50	50/50
	Indoor (Cooling/Heating)	High	54/56	55/57	55/58	57/59
Airflow Rate	Indoor/Outdoor (Cooling)	High	650/1,650	700/1,700	700/1,700	770/1,680
	Indoor/Outdoor (Heating)	High	720/1,450	750/1,450	780/1,470	820/1,580
Net Dimensions H x W x D	Indoor	mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
Weight	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
	Indoor	kg	10	10	10	10
Connection Pipe Diameter (Liquid/Gas)	Indoor	kg	22	22	24	31
	Outdoor	kg	22	22	24	31
Drain Hose Diameter (I.D./O.D.)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Max. Pipe Length (Pre-Charge)		m	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Height Difference		m	20 (15)	20 (15)	20 (15)	20 (15)
Operating Range			15	15	15	15
	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
Refrigerant	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Charge		kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

Optional parts

^{*} For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller: UTY-RCRGZ1
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

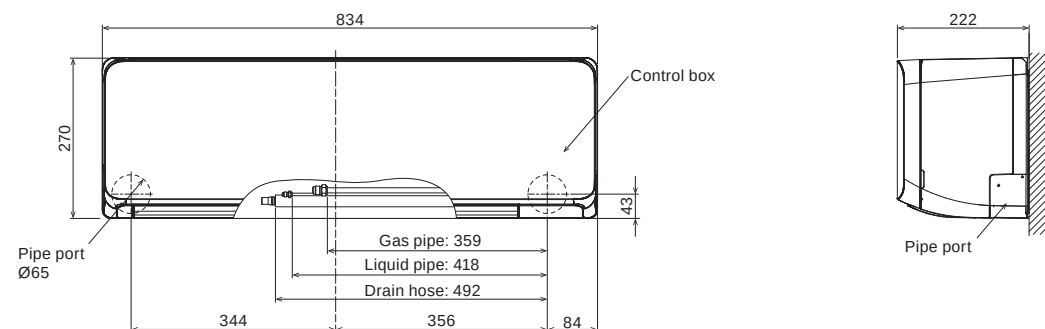
Communication kit: UTY-TWRXZ2
External input and output PCB^{*1}: UTY-XCSXZ2
External connect kit: UTY-XWZX
UTY-XWZXZ5
UTY-TERX

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
Silver Ion filter: UTR-FA16-5

^{*1} It is required when 2 or more external input and output ports are used.

Dimensions

(Unit: mm)



Wall-mounted
type
Standard Series
High-Efficiency & Large Rooms



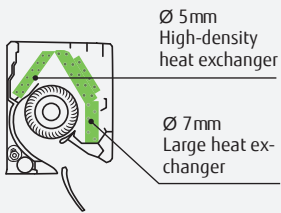
High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.

Rank A++
SEER 7.8
SCOP 4.6
*18 model

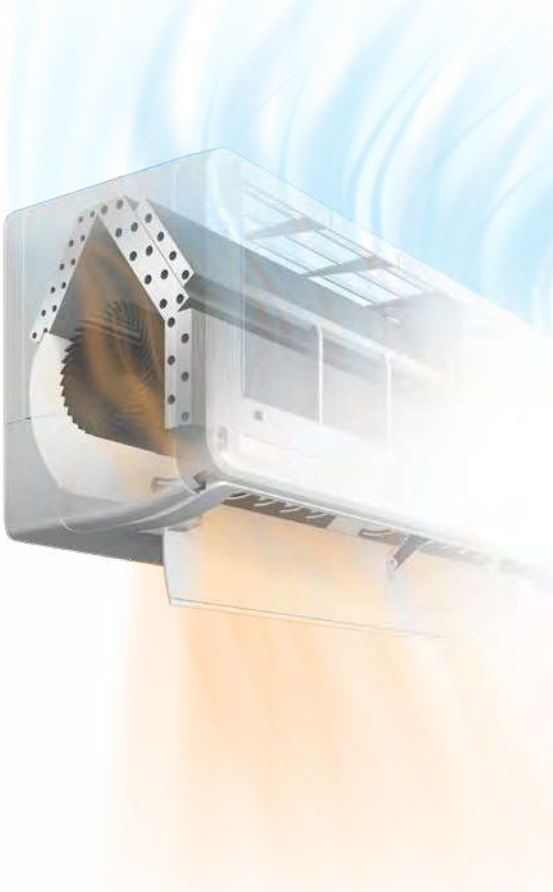
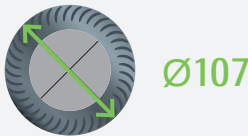
Hybrid-heat exchanger

The large hybrid heat exchanger has greatly improved the heat exchange efficiency to achieve top-level SEER and SCOP.



Ø107 Large cross-flow fan

The large-diameter fan generates air volume efficiently even at reduced power.



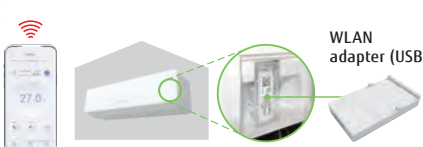
Smart device control (Option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

* For more information about smart device control, please refer to the page C-018.

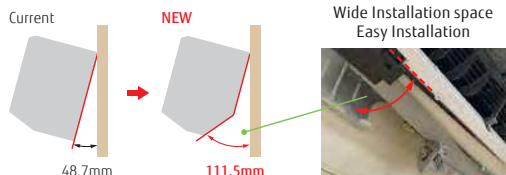
You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

AIRSTAGE
Mobile



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.



Model: ASHG18KMTE / ASHG24KMTE



Wireless RC



For ASHG18KMTE



For ASHG24KMTE

Specifications

Model name	Indoor unit		ASHG18KMTE		ASHG24KMTE		
	Outdoor unit		AOHG18KMTA		AOHG24KMTA		
Power Source			Single phase, ~230 V, 50 Hz				
Capacity	Cooling	kW	5.2 (0.9-6.0)		7.1 (0.9-8.3)		
	Heating		6.3 (0.9-8.7)		8.0 (0.9-10.1)		
Input Power	Cooling/Heating	kW	1.39/1.56		2.08/1.91		
EER	Cooling	W/W	3.74		3.41		
COP	Heating		4.04		4.19		
Pdesign	Cooling/Heating (-10°C)	kW	5.2/4.8		7.1/7.1		
SEER	Cooling	W/W	7.77		7.30		
SCOP	Heating (Average)		4.60		4.20		
Energy Efficiency Class	Cooling	A++		A++			
	Heating (Average)	A++		A+			
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/16.0		
Annual Energy Consumption	Cooling	kWh/a	234		340		
	Heating		1,460		2,362		
Moisture Removal		l/h	1.7		2.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	45/40/35/29		49/40/35/29	
	Indoor (Heating)	H/M/L/Q		46/40/35/29		49/40/35/29	
Sound Power Level	Outdoor (Cooling/Heating)	High		50/50		54/52	
	Indoor (Cooling/Heating)	High		60/61		65/65	
	Outdoor (Cooling/Heating)	High		65/65		67/66	
	Indoor/Outdoor (Cooling)	High		980/2,350		1,170/3,240	
Airflow Rate	Indoor/Outdoor (Heating)	High	1,020/2,100		1,170/2,820		
Net Dimensions H x W x D	Indoor	mm	280 × 980 × 240		280 × 980 × 240		
Weight	Outdoor	mm	632 × 799 × 290		716 × 820 × 315		
	Indoor	kg	12.5		12.5		
	Outdoor	kg	36		42		
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/12.70		6.35/12.70		
Drain Hose 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	25 (15)		30 (15)		
Max. Height Difference			20		25		
Operating Range	Cooling	°CDB	-10 to 46		-10 to 46		
	Heating		-15 to 24		-15 to 24		
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)		
	Charge	kg (CO2eq-T)	1.02 (0.689)		1.32 (0.891)		

Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller: UTY-RCRGZ1
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

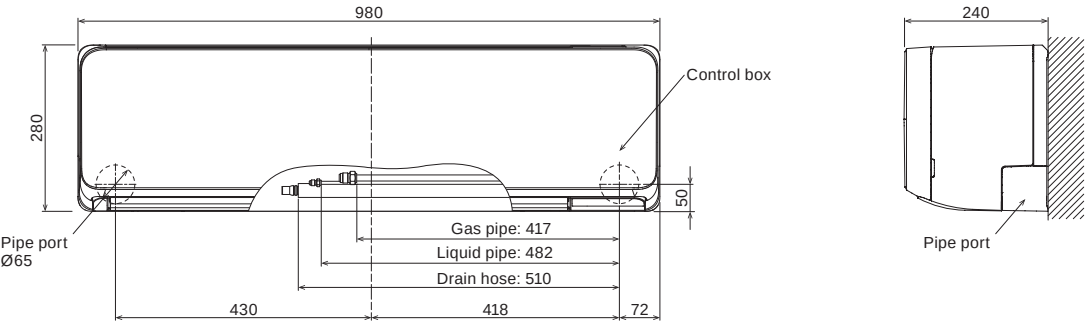
Communication kit: UTY-TWRXZ2
External input and output PCB*: UTY-XCSXZ2
WLAN adapter: UTY-TFSXF2
UTY-TFSXH3
FG-AC-WIF1Z1

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
Silver Ion filter: UTR-FA16-5
External switch controller: UTY-TERX
External connect kit: UTY-XWZXZ5

*1 It is required when 2 or more external input and output ports are used.

Dimensions

(Unit: mm)



Wall-mounted type
Standard Series
High-Efficiency & Large Rooms



Special Cooling

When it is necessary to be constantly cooled such as rooms with a high heat load, it is possible to operate the cooling with keeping performance even when the outside temperature is low.

- *Wired remote controller (UTY-RNRGZ5) is required.
- *Please note that we will not provide compensation for any damages suffered to your appliances or data as a result of using this function.
- *Please use it in low-humidity environments.
- Condensation and other problems may be caused when used in high-humidity environments.



Occupancy sensor

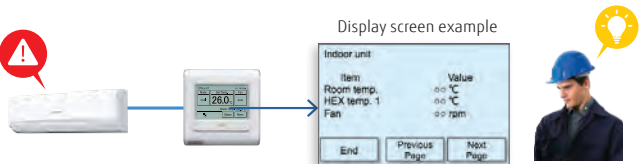
The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



Refrigerant cycle monitor (Option)

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

- *Wired remote controller (UTY-RNRGZ5) is required.



Smart device control (Option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

- * For more information about smart device control, please refer to the page C-018.



Model: ASHH30KMTB / ASHH36KMTB



Specifications

Model name	Indoor unit		ASHH30KMTB		ASHH36KMTB	
	Outdoor unit		AOHH30KMTB		AOHH36KMTB	
Power Source			Single phase, ~230V, 50Hz			
Capacity	Cooling	kW	8.0 (2.9-9.0)		9.4(2.9-10.0)	
	Heating		8.8(2.2-11.8)		10.1(2.7-12.6)	
Input Power	Cooling/Heating	kW	2.33/2.20		3.16/2.73	
EER	Cooling	W/W	3.43		2.97	
COP	Heating		4.00		3.70	
Pdesign	Cooling/Heating (-10°C)	kW	8.0/6.5		9.4/7.1	
SEER	Cooling	W/W	6.68		6.10	
SCOP	Heating (Average)		4.50		4.50	
Energy Efficiency Class	Cooling		A++		A++	
	Heating (Average)		A+		A+	
Max. Operating Current	Cooling/Heating	A	21.0/21.0		21.5/21.5	
Annual Energy Consumption	Cooling	kWh/a	419		534	
	Heating		1,994		2,189	
Moisture Removal		l/h	2.6		3.8	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	50/44/40/33		50/44/40/33	
	Indoor (Heating)	H/M/L/Q	49/44/39/33		49/44/39/33	
Sound Power Level	Outdoor (Cooling/Heating)	High	53/55		55/55	
	Indoor (Cooling/Heating)	High	65/65		65/65	
	Outdoor (Cooling/Heating)	High	68/69		70/70	
	Indoor/Outdoor (Cooling)	High	1,330/3,750		1,330/3,750	
Airflow Rate	Indoor/Outdoor (Heating)	High	1,330/3,750		1,330/3,750	
Net Dimensions H x W x D	Indoor	mm	340 × 1,150 × 280		340 × 1,150 × 280	
	Outdoor	mm	788 × 940 × 320		788 × 940 × 320	
Weight	Indoor	kg	18.5		18.5	
	Outdoor	kg	52.0		52.0	
Connection Pipe Diameter (Liquid/Gas)		mm	9.52/15.88		9.52/15.88	
Drain Hose 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	50(30)		50(30)	
Max. Height Difference			30		30	
Operating Range	Cooling	°CDB	-15to46		-15to46	
	Heating		-15to24		-15to24	
Refrigerant	Type (Global Warming Potential)		R32(675)		R32(675)	
	Charge	kg (CO2eq-T)	1.90(1.283)		1.90(1.283)	

Optional parts

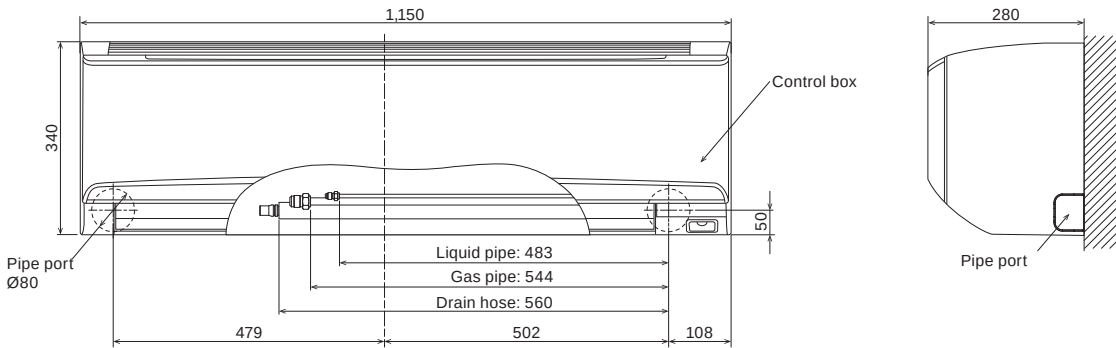
* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	External connect kit:	UTY-XWZX25	Network Converter for single split (DC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	External input and output PCB*1:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG	WLAN adapter:	UTY-TFSXF2	Silver Ion Filter:	UTR-FA13-3
Simple remote controller (without operation mode):	UTY-RHRG		UTY-TFSXH3	External switch controller:	UTY-TERX
Simple remote controller:	UTY-RSRG		FG-AC-WIF1Z1	Communication kit:	UTY-TWRXZ2

*1 It is required when 2 or more external input and output ports are used.

Dimensions

(Unit: mm)



Wall-mounted
type
ECO Series
Compact Size



Slim & stylish square design

The slim and stylish square design of this indoor unit is realized by using a high-density, multipath heat exchanger and a high-efficiency wind blower.



High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.



Comfortable airflow & Quiet operation

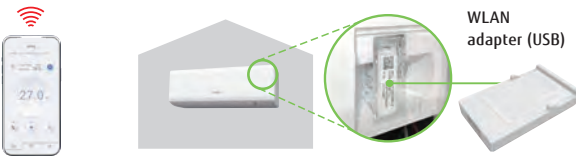
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



Smart device control (Option)

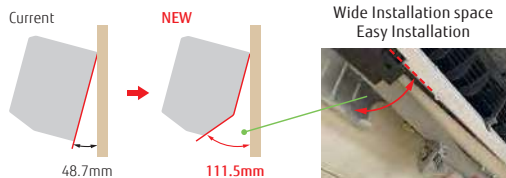
With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

* For more information about smart device control, please refer to the page C-018.



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.



Model: ASHG07KPCE / ASHG09KPCE / ASHG12KPCE



Specifications

Model name	Indoor unit		ASHG07KPCE	ASHG09KPCE	ASHG12KPCE
	Outdoor unit		AOHG07KPCA	AOHG09KPCA	AOHG12KPCA
Power Source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.7)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating	kW	0.48/0.63	0.71/0.79	1.00/1.14
EER	Cooling	W/W	4.17	3.52	3.40
COP	Heating		3.97	3.54	3.33
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.2	2.5/2.4	3.4/2.5
SEER	Cooling	W/W	6.70	6.70	6.30
SCOP	Heating (Average)		4.00	4.00	4.10
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	104	131	189
	Heating		769	840	853
Moisture Removal		l/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/38/31/22	45/38/31/22	46/40/33/22
	Indoor (Heating)	H/M/L/Q	45/40/36/26	45/40/36/26	46/40/35/27
Sound Power Level	Outdoor (Cooling/Heating)	High	45/46	47/47	49/51
	Indoor (Cooling/Heating)	High	57/58	58/58	59/59
Sound Power Level	Outdoor (Cooling/Heating)	High	57/58	59/59	62/62
	Indoor/Outdoor (Cooling)	High	580/1,650	580/1,650	630/1,700
Airflow Rate	Indoor/Outdoor (Heating)	High	580/1,450	580/1,450	630/1,470
Net Dimensions H x W x D	Indoor	mm	270 × 784 × 224	270 × 784 × 224	270 × 784 × 224
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor	kg	8	8	8
	Outdoor	kg	23	23	25
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.55 (0.371)	0.55 (0.371)	0.59 (0.398)

Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

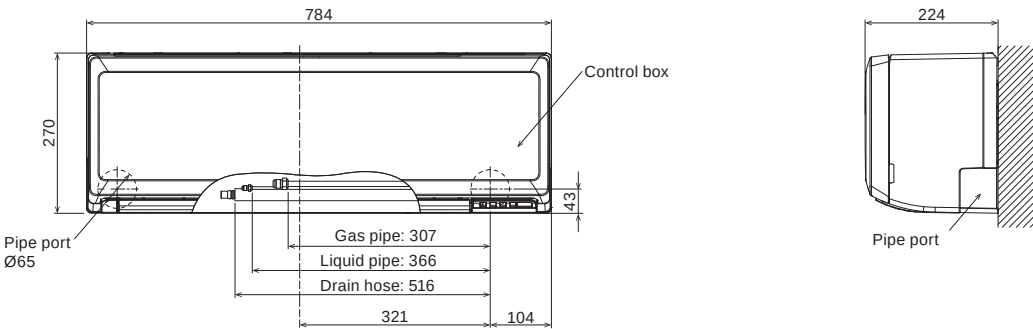
WLAN adapter: UTY-TFSXF2

UTY-TFSXH3

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



Wall-mounted
type
ECO Series
Comfort for Large Rooms



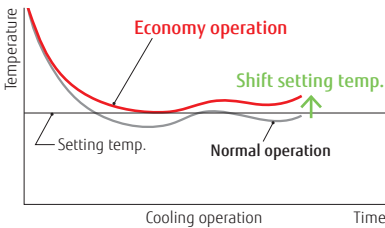
Narrow width & Compact design

Compact and versatile. Powerful airflow is realized despite the 790-mm width compact design for small spaces such as bedrooms or home offices.



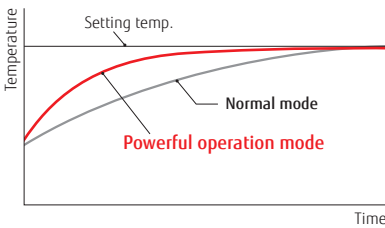
Economy operation

Set temperature automatically increases or decreases by 1°C. The thermostat setting is adjusted automatically according to the room temperature to avoid unnecessary cooling or heating.



Powerful operation

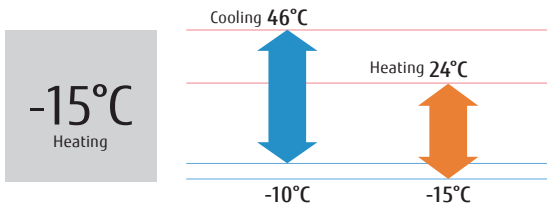
In powerful operation mode, the compressor operates at maximum speed for 20 minutes to provide a powerful airflow. Rapid cooling and heating makes the room comfortable quickly.



ON-OFF programmable timer

You can set ON/OFF or OFF/ON times depending on your lifestyle needs. (Setting time: 0.5, 1, 1.5, 2, 2.5, -----9.5, 10, 11, 12 hours)

Low ambient operation



Model: ASHG18KLCA / ASHG24KLCA



Wireless RC



For ASHG18KLCA



For ASHG24KLCA

Specifications

Model name	Indoor unit		ASHG18KLCA		ASHG24KLCA	
	Outdoor unit		AOHG18KLCA		AOHG24KLCA	
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	5.2 (0.9-5.5)		7.1 (0.9-7.7)	
	Heating		6.3 (0.6-7.6)		8.0 (0.9-9.0)	
Input Power	Cooling/Heating	kW	1.685/1.80		2.42/2.225	
EER	Cooling	W/W	3.09		2.93	
COP	Heating		3.50		3.60	
Pdesign	Cooling/Heating (-10°C)	kW	5.20/4.80		7.10/7.10	
SEER	Cooling	W/W	7.20		7.10	
SCOP	Heating (Average)		4.30		4.00	
Energy Efficiency Class	Cooling	A++		A++		
	Heating (Average)	A+		A+		
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/17.5	
Annual Energy Consumption	Cooling	kWh/a	253		350	
	Heating		1563		2485	
Moisture Removal			l/h	1.9		3.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	47/44/40/35		51/45/38/33
	Indoor (Heating)	H/M/L/Q		50/45/41/37		52/45/41/37
Sound Power Level	Outdoor (Cooling/Heating)	High		50/56		55/57
	Indoor (Cooling/Heating)	High		60/65		64/65
	Outdoor (Cooling/Heating)	High		61/66		65/67
	Indoor/Outdoor (Cooling)	High		865/1,830		1,040/2,885
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h	995/2,265		1,040/3,030
Net Dimensions	Indoor		mm	293 × 790 × 249		293 × 790 × 249
H × W × D	Outdoor		mm	542 × 799 × 290		632 × 799 × 290
Weight	Indoor		kg	9.5		10.0
	Outdoor		kg	33		38
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52		6.35/12.70
Drain Hose 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	25 (15)		30 (15)
Max. Height Difference				20		25
Operating Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)	
	Charge	kg (CO2eq-T)	0.85 (0.574)		1.10 (0.743)	

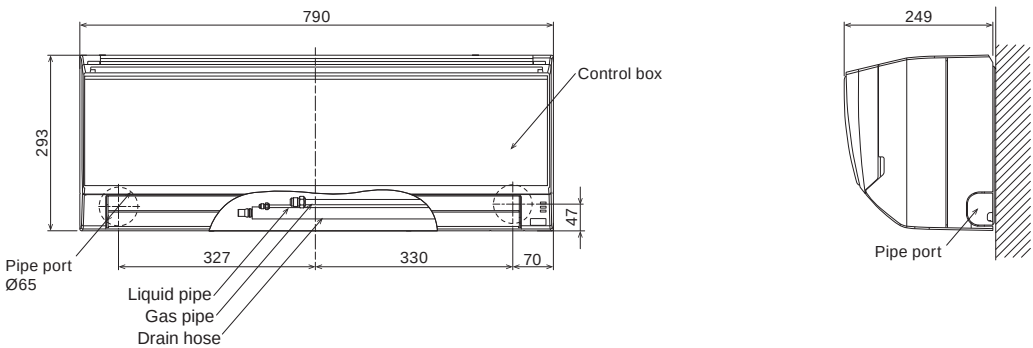
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-046.

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



Compact Cassette
Compact 4-way Flow Series
Compact Size



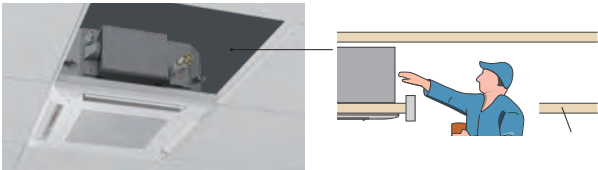
Compact and stylish panel design

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.



Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Model: AUXG09KVLA / AUXG12KVLA / AUXG14KVLA / AUXG18KVLA / AUXG22KVLA / AUXG24KVLA



For AUXG09/12/14KVLA



For AUXG18/22KVLA



For AUXG24KVLA

Specifications

Model name	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOHG09KBTB	AOHG12KBTB	AOHG14KBTB	AOHG18KBTB	AOHG22KBTB	AOHG24KBTB
Power Source			Single phase, ~230 V, 50 Hz					
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)
	Heating		3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)
Input Power	Cooling/Heating	kW	0.55/0.79	0.93/1.08	1.28/1.32	1.60/1.66	1.82/1.87	2.21/2.03
EER	Cooling	W/W	4.57	3.76	3.36	3.25	3.30	3.08
COP	Heating		4.05	3.80	3.79	3.61	3.74	3.69
Pdesign	Cooling/Heating (-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0
SEER	Cooling	W/W	6.70	6.60	6.50	6.60	6.60	6.10
SCOP	Heating (Average)		4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.9/7.9	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	131	186	231	275	318	390
	Heating		826	1,106	1,208	1,466	1,562	2,097
Moisture Removal		l/h	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	47/47	49/49	50/50	51/51	53/54
	Indoor (Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61
Airflow Rate	Outdoor (Cooling/Heating)	High	59/59	61/61	62/62	62/62	63/63	65/66
	Indoor/Outdoor (Cooling)	High	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
Net Dimensions H x W x D	Indoor/Outdoor (Heating)	High	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
	Indoor	kg	15	15	15	15	16	16
Connection Pipe Diameter (Liquid/Gas)	Outdoor	kg	32	33	33	36	38	42
	Indoor	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70
Drain Hose Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max. Height Difference			15	20	20	20	25	25
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)
Cassette Grille	Model name		UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W
	Dimensions (H × W × D)	mm	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620
	Weight	kg	2.3	2.3	2.3	2.3	2.3	2.3

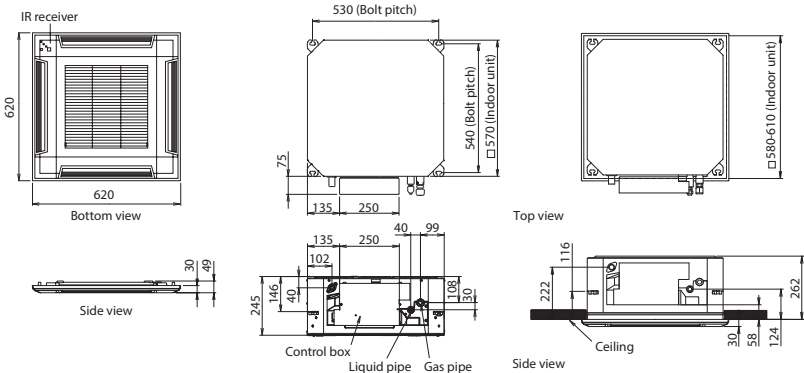
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	External switch controller:	UTY-TERX	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5	WLAN adapter:	UTY-TFSXZ1	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG		FG-RC-WIF1Z2	Insulation kit for high humidity:	UTZ-KXGC
	UTY-RNNGM		UTY-TFSXJ3	External input and output PCB:	UTY-XCSX
	UTY-RVNGM		FG-AC-WIF1Z1	External input and output PCB box:	UTZ-GXRA
Simple remote controller (without operation model):	UTY-RHRG	Air Outlet Shutter Plate:	UTR-YDZB	Silver Ion Filter:	UTD-HFAA
Simple remote controller:	UTY-RSRG	External connect kit:	UTY-XWZXZG		
	UTY-RSNGM	Cassette Grille:	UTG-UFGF-W		
Wireless remote controller:	UTY-LNTG	Fresh air intake kit:	UTZ-VXAA		

Dimensions

(Unit: mm)



UTG-UKGA-B
Black Grille



6-031

Slim Duct

Slim Design



Slim design

The slim design fits nicely into narrow spaces under the ceiling. Drain hose as standard accessory



Compact and lightweight outdoor unit

The compact and lightweight outdoor unit offers greater flexibility in the choice of installation location. This makes it easier to use this outdoor unit.



Wide range of static pressures

The use of a DC fan motor makes it possible to adjust the static pressure between 0 and 90 Pa. The static pressure range can be changed by a remote controller.



Static pressure range
0 to 90 Pa

Auto louver grille kit (Option)

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

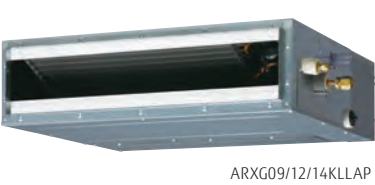


Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Model: ARXG09KLLAP / ARXG12KLLAP / ARXG14KLLAP / ARXG18KLLAP



For ARXG09/12/14KLLAP For ARXG18KLLAP

Specifications

Model name	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit		AOHG09KBTB	AOHG12KBTB	AOHG14KBTB	AOHG18KBTB
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)
	Heating		3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)
Input Power	Cooling/Heating	kW	0.60/0.79	0.93/1.08	1.28/1.32	1.55/1.62
EER	Cooling	W/W	4.17	3.76	3.36	3.35
COP	Heating		4.05	3.80	3.79	3.70
Pdesign	Cooling/Heating (-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4
SEER	Cooling	W/W	6.20	6.10	5.80	6.20
SCOP	Heating		4.30	4.00	3.90	4.10
Energy Efficiency Class	Cooling		A++	A++	A+	A++
	Heating		A+	A+	A	A+
Max. Operating Current	Cooling/Heating	A	7.9/7.9	9.7/9.7	10.2/10.2	12.1/12.1
Annual Energy Consumption	Cooling	kWh/a	141	201	259	293
	Heating		845	1,189	1,362	1,501
Moisture Removal		l/h	0.7	1.3	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q	28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	47/47	49/49	50/50
	Indoor (Cooling/Heating)	High	57/57	58/58	60/60	58/58
	Outdoor (Cooling/Heating)	High	59/59	61/61	62/62	62/62
	Indoor/Outdoor (Cooling)	High	600/1,480	650/1,580	800/1,670	940/2,160
Airflow Rate	Indoor/Outdoor (Cooling)	m³/h	600/1,480	650/1,580	800/1,670	940/2,160
	Indoor/Outdoor (Heating)		High	600/1,410	650/1,520	800/1,580
Static pressure range (Standard)		Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg	17	17	17	20
	Outdoor	kg	32	33	33	36
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
Drain Hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (15)	25 (15)	30 (20)
Max. Height Difference			15	20	20	20
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)

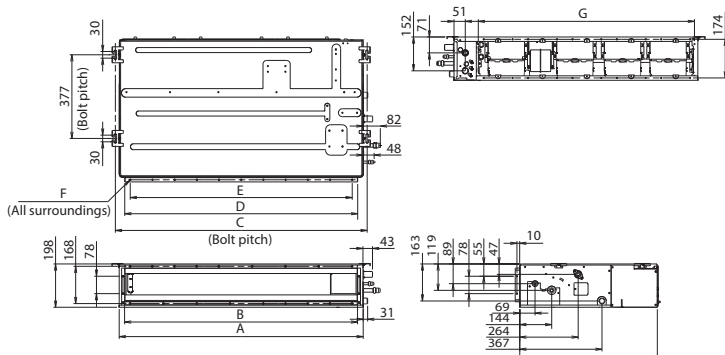
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5		FG-RC-WIF12Z	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG		UTY-TFSXJ3	External connect kit:	UTY-XWZXZG
	UTY-RNNGM		FG-AC-WIF12I	Remote sensor unit:	UTY-XSZXZ1
	UTY-RVNGM		UTD-HFTA (09-14)	IR receiver unit:	UTY-LBTGM
	UTY-RHRG		UTD-HFTB (18)	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RSRG		UTD-GXTA-W (09-14)		
Simple remote controller:	UTY-RSNGM		UTD-GXTB-W (18)		

Dimensions

(Unit: mm)



	ARXG09/12/14KLLAP	ARXG18KLLAP
A	700	900
B	650	850
C	734	934
D	650	850
E	P100 × 6 = 600	P100 × 8 = 800
F	18 × Ø5	22 × Ø5
G	574	774

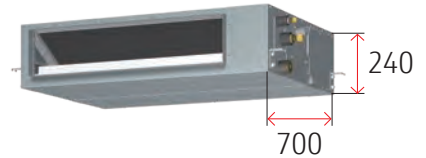
Medium Static Pressure Duct

High-Efficiency & Comfort



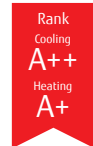
Slim & Compact design

The new product has reduced the height to 240 mm, making it more compact. The slim design fits nicely into narrow spaces under the ceiling.



High energy saving

The new model has achieved high energy efficiency rank with a compact design.



SEER
6.50^{*1}

*1: 22 model

SCOP
4.20^{*2}

*2: 22/24 models

Easy maintenance

The indoor units have large panels on both sides providing easy maintenance in narrow spaces.



Easy inspection of drain hose
The whole drain hose can be removed for easy replacement and cleaning.

Filter change
Filter can be installed and removed easily.
*Long life filter is available as optional parts.

Easy cleaning of the heat exchanger

Drain hose as standard

A drain hose is a standard accessory, making it easy to design drainage even in narrow spaces under the ceiling.

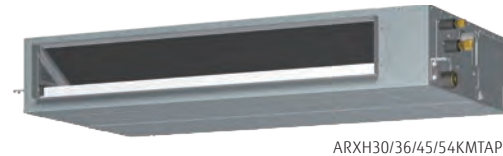
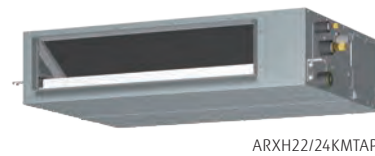


Wide range of static pressures

Static pressures can be changed in the range of 30 to 150 Pa.

Static pressure range
30 to 150 Pa

Model: ARXH22KMTAP / ARXH24KMTAP / ARXH30KMTAP / ARXH36KMTAP / ARXH45KMTAP / ARXH54KMTAP
ARXH36KMTAP [3-phase] / ARXH45KMTAP [3-phase] / ARXH54KMTAP [3-phase]



For ARXH22KMTAP



For ARXH24KMTAP



For ARXH30/36KMTAP



For ARXH45/54KMTAP

Specifications

Model name	Indoor unit		ARXH22KMTAP	ARXH24KMTAP	ARXH30KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH54KMTAP
	Outdoor unit		AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG36KRTA	AOHG45KRTA	AOHG54KRTA
Power Source	Single phase, ~230 V, 50 Hz							3-phase, ~400 V, 50 Hz		
Capacity	Cooling	kW	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-13.5)	9.5 (2.8-11.2)	12.1 (4.0-13.5)	13.4 (4.5-14.5)
	Heating		7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)
Input Power	Cooling/Heating	kW	1.67 / 1.84	1.89 / 1.87	2.57 / 2.50	2.97 / 2.70	3.87 / 3.73	2.97 / 2.70	3.87 / 3.73	4.62 / 4.65
EER	Cooling	W/W	3.60	3.60	3.31	3.20	3.13	3.20	3.13	2.90
COP	Heating		3.80	4.01	4.00	4.00	3.62	4.00	3.62	3.33
Pdesign	Cooling/Heating (-10°C)	kW	6.0 / 4.8	6.8 / 6.0	8.5 / 8.0	9.5 / 8.7	-	9.5 / 8.7	-	-
SEER	Cooling	W/W	6.50	6.40	6.23	6.10	-	6.10	-	-
SCOP	Heating (Average)		4.20	4.20	4.00	4.10	-	4.10	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	A++	-	-
	Heating (Average)		A+	A+	A+	A+	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	12.6 / 12.6	13.6 / 13.6	22.6 / 22.6	22.6 / 22.6	28.5 / 28.5	10.5 / 10.5	14.0 / 14.0	14.0 / 14.0
Annual Energy Consumption	Cooling	kWh/a	331	380	485	553	-	553	-	-
	Heating		1,598	1,999	2,795	2,970	-	2,970	-	-
Moisture Removal		l/h	1.5	2.2	1.8	2.0	4.0	2.0	4.0	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	32 / 28 / 25 / 24	34 / 30 / 28 / 26	38 / 34 / 31 / 28	38 / 34 / 31 / 28	40 / 36 / 32 / 29	38 / 34 / 31 / 28	40 / 36 / 32 / 29	40 / 36 / 32 / 29
	Indoor (Heating)	H/M/L/Q	32 / 28 / 25 / 24	34 / 30 / 28 / 26	38 / 34 / 31 / 28	38 / 34 / 31 / 28	40 / 36 / 32 / 29	38 / 34 / 31 / 28	40 / 36 / 32 / 29	40 / 36 / 32 / 29
Sound Power Level	Outdoor (Cooling/Heating)	High	51 / 51	53 / 54	53 / 55	55 / 55	57 / 57	55 / 55	57 / 57	57 / 59
	Indoor (Cooling/Heating)	High	58 / 58	60 / 60	64 / 64	65 / 65	67 / 67	65 / 65	67 / 67	67 / 67
Airflow Rate	Indoor (Cooling/Heating)	High	63 / 63	65 / 66	68 / 69	70 / 70	71 / 71	70 / 70	71 / 71	73 / 73
	Indoor/Outdoor (Cooling)	High	1,150 / 2,240	1,230 / 2,700	1,950 / 3,750	2,070 / 3,750	2,160 / 4,450	2,070 / 3,750	2,160 / 4,450	2,160 / 4,450
Static pressure range (Standard)		Pa	30 to 150 (40)	30 to 150 (50)	30 to 150 (50)	30 to 150 (50)	30 to 150 (60)	30 to 150 (50)	30 to 150 (60)	30 to 150 (60)
Net Dimensions	Indoor	mm	240 × 1,000 × 700	240 × 1,000 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700
H x W x D	Outdoor	mm	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor	kg	31	31	42	42	42	42	42	42
	Outdoor	kg	38	42	52	52	67	53	67	67
Connection Pipe Diameter (Liquid/Gas)		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
Drain Hose Diameter (I.D./O.D.)		mm	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32	25 / 32
Max. Pipe Length (Pre-Charge)		m	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference			25	25	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO ₂ eq-1)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)

Optional parts

Compact wired remote controller: UTY-RCRGZ1
Wired remote controller (touch panel): UTY-RNRGZ5
Wired remote controller: UTY-RLRG
Simple remote controller (without operation model): UTY-RHRG
Simple remote controller: UTY-LSRG
IR receiver unit: UTY-LBTGM
Remote sensor unit: UTY-XSZX
UTY-XSZXZ1
UTY-TERX

External switch controller:

Silver ion filter: UTD-HFNB (22/24)
UTD-HFNA (30/36/45/54)
Long-life filter: UTD-LFDB (22/24)
UTD-LFDA (30/36/45/54)
MODBUS converter: UTY-VMSX
KNX converter: UTY-VKSX
WLAN adapter: UTY-TFSXZ1
UTY-TFSXJ3

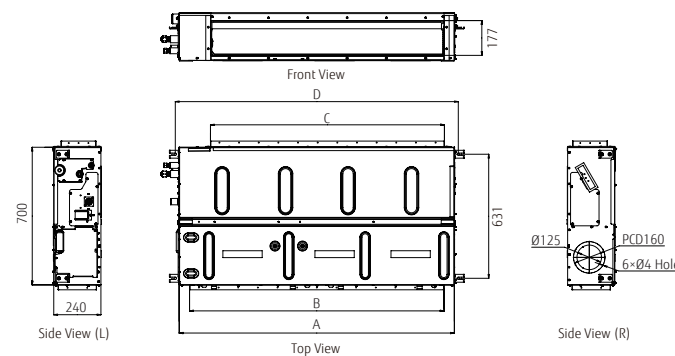
External connect kit: UTY-XWZXZG

External input and output PCB: UTY-XCSX
External input and output PCB bracket: UTY-GXDA
Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV

(Outdoor unit 30/36/45/54)
External connect kit: UTY-XWZXZ3

Dimensions

(Unit: mm)



	ARXH22/24KMTAP	ARXH30/36/45/54KMTAP
A	1,000	1,400
B	895	1,295
C	790	1,190
D	1,040	1,440

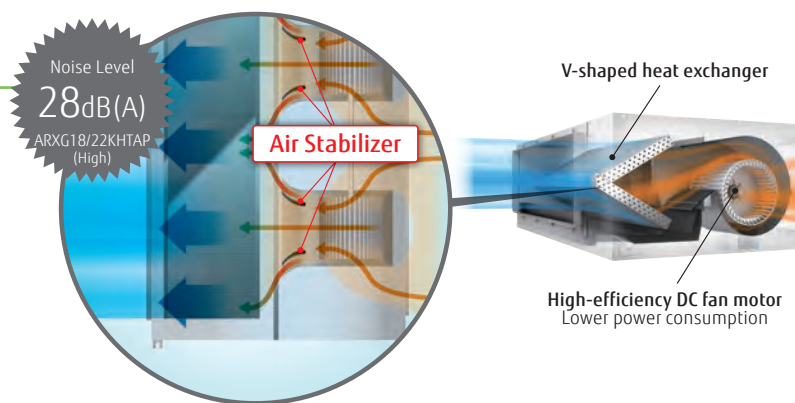
Medium Static
Pressure Duct

Compact Size

(30/36/
45/54)

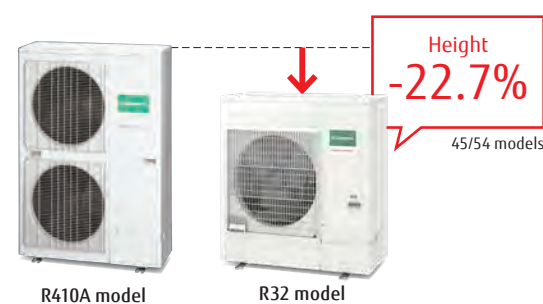
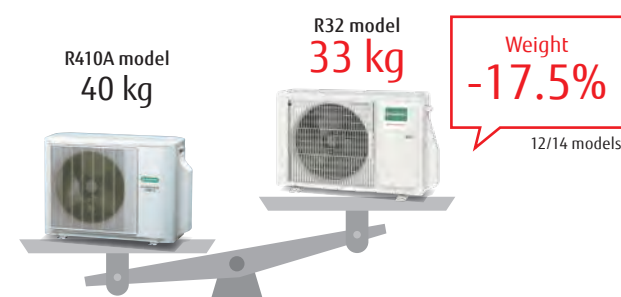
High-efficiency & Quiet operation

The combination of the V-shaped heat exchanger, air stabilizer, and the high-efficiency DC fan motor enable high-efficiency and quiet operation.



Small, lightweight outdoor unit

The outdoor unit in this series is smaller and lighter than previous-generation outdoor units. It can be installed in a narrow space.



Automatic airflow adjustment function

This unique and innovative function detects required air flow in each application case and automatically adjust the volume.

Link up with a variety of
central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



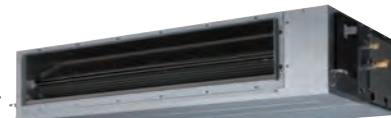
Model: ARXG12KHTAP / ARXG14KHTAP / ARXG18KHTAP / ARXG22KHTAP / ARXG24KHTAP
ARXG30KHTAP / ARXG36KHTAP / ARXG45KHTAP / ARXG54KHTAP
ARXG36KHTAP [3-phase] / ARXG45KHTAP [3-phase] / ARXG54KHTAP [3-phase]



ARXG12/14KHTAP



ARXG18/22/24/30KHTAP



ARXG36/45/54KHTAP



For ARXG12/14KHTAP For ARXG18/22KHTAP For ARXG24KHTAP For ARXG30/36KHTAP For ARXG45/54KHTAP

Specifications

Model name	Indoor unit		ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	ARXG36KHTA	ARXG45KHTA	ARXG54KHTA
	Outdoor unit		A0HG12K8TB	A0HG14K8TB	A0HG18K8TB	A0HG22K8TB	A0HG24K8TB	A0HG30K8TB	A0HG36K8TB	A0HG45K8TB	A0HG54K8TB	A0HG36K8TA	A0HG45K8TA	A0HG54K8TA
Power Source			Single phase, ~230 V, 50 Hz									3-phase, ~400 V, 50 Hz		
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)
Input Power	Cooling/Heating	kW	0.87/1.00	1.17/1.25	1.36/1.56	1.71/1.81	1.89/1.85	2.65/2.63	2.86/2.48	3.53/3.37	4.42/3.89	2.86/2.48	3.53/3.37	4.42/3.89
EER	Cooling	W/W	4.02	3.68	3.82	3.51	3.60	3.21	3.32	3.43	3.03	3.32	3.43	3.03
COP	Heating		4.10	4.00	3.85	3.87	4.06	3.80	4.35	4.01	3.98	4.35	4.01	3.98
Pdesign	Cooling/Heating (-10°C)	kW	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
SEER	Cooling	W/W	6.30	6.20	6.50	6.50	6.50	6.23	6.10	-	-	6.10	-	-
SCOP	Heating (Average)		4.10	4.00	4.10	4.20	4.10	4.00	4.20	-	-	4.20	-	-
Energy Efficiency Class	Cooling	A++	A++	A++	A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating (Average)	A+	A+	A+	A+	A+	A+	A+	A+	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	194	243	280	323	366	477	544	-	-	544	-	-
	Heating		1,159	1,328	1,501	1,597	2,048	2,796	2,898	-	-	2,898	-	-
Moisture Removal		l/h	0.7	0.9	1.2	1.5	1.8	2.3	2.0	2.6	3.7	2.0	2.6	3.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29	36/31/28/26	39/35/31/29	39/35/31/29	36/31/28/26	39/35/31/29	39/35/31/29
	Indoor (Heating)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29	36/31/28/26	39/35/31/29	39/35/31/29	33/31/28/26	39/35/31/29	39/35/31/29
Sound Power Level	Outdoor (Cooling/Heating)	High	47/47	49/49	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59
	Indoor (Cooling/Heating)	High	57/58	59/60	54/54	57/57	57/57	63/65	64/63	67/69	67/69	64/63	67/69	67/69
	Outdoor (Cooling/Heating)	High	61/61	62/62	62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73
Airflow Rate	Indoor/Outdoor (Cooling)	High	850/1,580	950/1,670	1,050/2,160	1,050/2,240	1,360/2,700	1,700/3,750	2,050/3,750	2,550/4,450	2,550/4,450	2,050/3,750	2,550/4,450	2,550/4,450
	Indoor/Outdoor (Heating)	High	850/1,520	950/1,580	1,050/1,830	1,050/1,960	1,360/2,700	1,700/3,750	1,850/3,750	2,550/4,450	2,550/4,450	1,850/3,750	2,550/4,450	2,550/4,450
Static pressure range (Standard)		Pa	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (47)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)
Net Dimensions H x W x D	Indoor	mm	300 × 700 × 700	300 × 700 × 700	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
	Indoor	kg	27	27	35	35	36	46	46	46	46	46	46	46
Weight	Outdoor	kg	33	33	36	38	42	52	52	67	67	53	67	67
	Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/12.70	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
Drain Hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference			20	20	20	25	25	30	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-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	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)

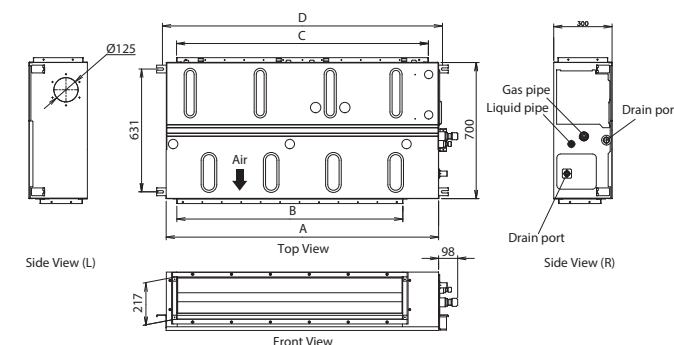
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	Long-life filter:	UTD-LFNA (36-54)	IR receiver unit:	UTY-LBTGM
Wired remote controller (touch panel):	UTY-RNRGZ5		UTD-LFNB (18-30)	External input and output PCB:	UTY-XCSX
Wired remote controller:	UTY-RLRG		UTD-LFNC (12-14)	External connect kit:	UTY-XWZXZG
	UTY-RNNGM	Silver Ion Filter:	UTD-HFNC (12/14)	External input and output PCB bracket:	UTZ-GXNA
	UTY-RVNGM		UTD-HFNB (18-30)	Network Converter for single split (DC power supply type):	UTY-VTGX
Simple remote controller (without operation model):	UTY-RHRG		UTD-HFNA (36-54)	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple remote controller:	UTY-RSRG	WLAN adapter:	UTY-TFSXZ1		
	UTY-RSNGM		FG-RC-WIF122	(Outdoor unit 30/36/45/54)	
Remote sensor unit:	UTY-XSXXZ1		UTY-TFSXJ3	External connect kit:	UTY-XWZXZ3
External switch controller:	UTY-TERX		FG-AC-WIF121		

Dimensions

(Unit: mm)

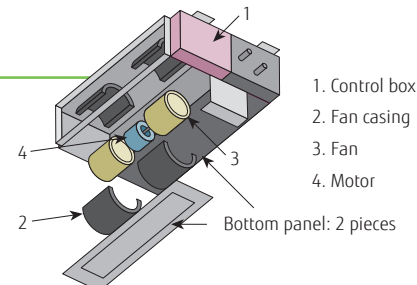


	ARXG12/14KHTAP	ARXG18/22/24/30KHTAP	ARXG36/45/54KHTAP
A	700	1,000	1,400
B	462	762	1,162
C	650	895	1,295
D	740	1,040	1,440

REFRIGERANT
R32

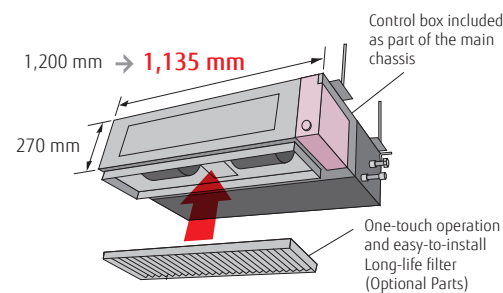


Structural improvement is attained by making the bottom panel in two pieces—front and rear. The internal fan casing is also manufactured in two pieces—upper and lower. As a result, the motor and fan can be easily accessed and maintained by removing the rear panel and the lower casing while leaving the main chassis in place.



See below for case of rear-suction type

The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



The outdoor units for the 45,000 BTU and 54,000 BTU models have been completely redesigned. Easier installation is achieved for this compact and lightweight outdoor unit.

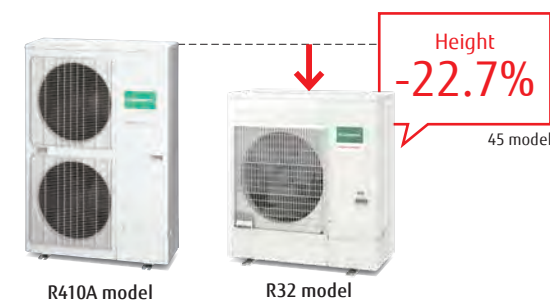


Diagram illustrating a two-direction drain piping system for a duct indoor unit. The unit is shown with two separate drain paths, each leading to a floor drain. The caption below the diagram reads: "Duct indoor unit" and "Two-direction drain piping".

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.

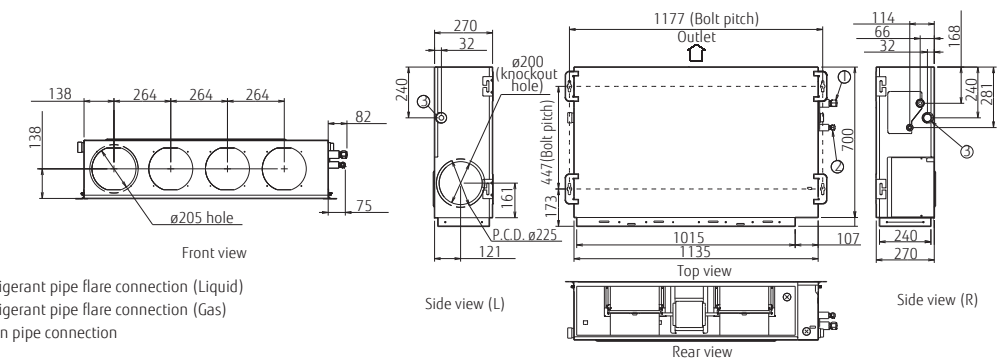


Model name	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA	
	Outdoor unit		AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG36KRTA	AOHG45KRTA	
Power Source			Single phase, ~230 V, 50 Hz					3-phase, ~400 V, 50 Hz		
Capacity	Cooling	kW	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-13.0)	9.5 (2.8-11.2)	12.1 (4.0-13.0)	
	Heating		7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-15.2)	10.8 (2.7-12.7)	13.5 (4.2-15.2)	
Input Power	Cooling/Heating	kW	1.78/1.87	2.14/1.97	2.65/2.63	2.97/2.88	4.22/3.84	2.97/2.88	4.22/3.84	
EER	Cooling	W/W	3.37	3.18	3.21	3.20	2.87	3.20	2.87	
COP	Heating		3.74	3.80	3.80	3.75	3.52	3.75	3.52	
Pdesign	Cooling/Heating (-10°C)	kW	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	9.5/8.7	-	
SEER	Cooling	W/W	6.10	6.20	6.23	6.10	-	6.10	-	
SCOP	Heating		4.10	4.10	4.00	4.00	-	4.00	-	
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	A++	-	
	Heating		A+	A+	A+	A+	-	A+	-	
Max. Operating Current	Cooling/Heating	A	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	10.5/10.5	14.0/14.0	
Annual Energy Consumption	Cooling	kWh/a	344	384	477	545	-	545	-	
	Heating		1,637	2,045	2,797	3,044	-	3,044	-	
Moisture Removal			l/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	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	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 (Cooling/Heating)	High	51/51	53/54	53/55	55/55	57/57	55/55	57/57	
Sound Power Level	Indoor (Cooling/Heating)	High	60/62	60/62	65/69	65/70	68/70	65/70	68/70	
	Outdoor (Cooling/Heating)	High	63/63	65/66	68/69	70/70	71/71	70/70	71/71	
Airflow Rate	Indoor/Outdoor (Cooling)	High	1,100/2,240	1,100/2,700	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450	
	Indoor/Outdoor (Heating)	High	1,100/1,960	1,100/2,700	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450	
Static pressure range (Standard)			Pa	30 to 150 (35)	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30-150 (47)	30-150 (60)
Net Dimensions H x W x D	Indoor	mm	270 × 135 × 700	270 × 135 × 700	270 × 135 × 700	270 × 135 × 700	270 × 135 × 700	270 × 135 × 700	270 × 135 × 700	
	Outdoor	mm	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	
Weight	Indoor	kg	35	35	38	38	39	38	39	
	Outdoor	kg	38	42	52	52	67	53	67	
Connection Pipe Diameter (Liquid/Gas)			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	
Drain Hose Diameter (I.D./O.D.)			mm	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	
Max. Pipe Length (Pre-Charge)			m	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	
Max. Height Difference				25	25	30	30	30	30	
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24		
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5		FG-RC-WIF1Z2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG		UTY-TFSXJ3	Drain pump unit:	UTZ-PX1NBA
	UTY-RNNGM		FG-AC-WIF1Z1	Long-life filter:	UTD-LF25NA
	UTY-RVNGM	Flange (Round):	UTD-RF204	Silver Ion Filter:	UTD-HFND
Simple remote controller (without operation mode):	UTY-RRHR	Flange (Square):	UTD-SF045T		
Simple remote controller:	UTY-RSRG	IR receiver unit:	UTY-LBTGM	(Outdoor unit 30/36/45)	
	UTY-RSNGM	Remote sensor unit:	UTY-XSZXZ1	External connect kit:	UTY-XWZXZ3
External switch controller:	UTY-TERX	External connect kit:	UTY-XWZXZG		

(Unit: mm)

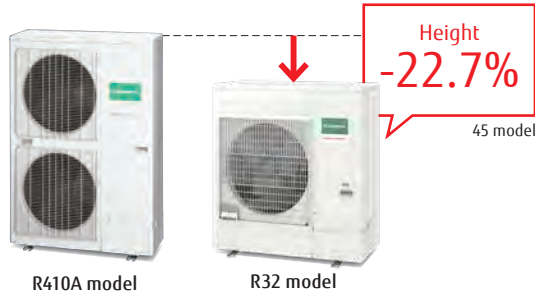


High Static Pressure Duct



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.

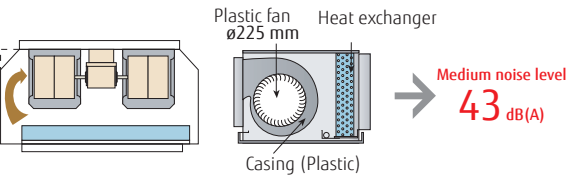


Design also suits high static pressure



Low noise

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



Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



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



Specifications

Model name	Indoor unit		ARXG45KHTB	ARXG54KHTB	ARXG45KHTB	ARXG54KHTB
	Outdoor unit		AOHG45KHTB	AOHG54KHTB	AOHG45KRTA	AOHG54KRTA
Power Source			Single phase, ~230 V, 50 Hz		3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)	12.1 (4.0-14.0)	13.4 (5.0-14.5)
	Heating		13.5 (5.0-16.2)	15.5 (5.5-18.0)	13.5 (5.0-16.2)	15.5 (5.5-18.0)
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18	4.16/3.61	4.77/4.18
EER	Cooling	W/W	2.91	2.81	2.91	2.81
COP	Heating		3.74	3.71	3.74	3.71
Pdesign	Cooling/Heating (-10°C)	kW	-	-	-	-
SEER	Cooling	W/W	-	-	-	-
SCOP	Heating		-	-	-	-
Energy Efficiency Class	Cooling		-	-	-	-
	Heating		-	-	-	-
Max. Operating Current	Cooling/Heating	A	28.5/28.5	28.5/28.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	-	-	-	-
	Heating		-	-	-	-
Moisture Removal		l/h	1.5	2.0	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L	47/43/40	47/43/40	47/43/40	47/43/40
	Indoor (Heating)	H/M/L	47/43/40	47/43/40	47/43/40	47/43/40
	Outdoor (Cooling/Heating)	High	57/57	57/59	57/57	57/59
Sound Power Level	Indoor (Cooling/Heating)	High	75/74	75/74	75/74	75/74
	Outdoor (Cooling/Heating)	High	71/71	73/73	71/71	73/73
Airflow Rate	Indoor/Outdoor (Cooling)	High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
	Indoor/Outdoor (Heating)	High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	100to250 (100)	100to250 (100)
Net Dimensions H × W × D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500
	Outdoor	mm	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor	kg	46	46	46	46
	Outdoor	kg	67	67	67	67
Connection Pipe Diameter (Liquid/Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)			23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)		m	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference			30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		2.70 (1.823)	2.70 (1.823)	2.70 (1.823)	2.70 (1.823)

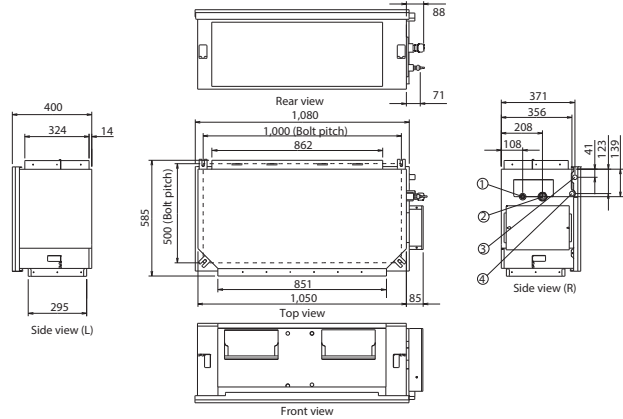
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller: UTY-RCRGZ1	Remote sensor unit: UTY-XSZXZ1	Network Converter for single split (DC power supply type): UTY-VTGX
Wired remote controller (touch panel): UTY-RNRGZ5	Long-life filter: UTD-LF60KA	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller: UTY-RLRG	External switch controller: UTY-TERX	Silver Ion Filter: UTD-HFKB
Simple remote controller: UTY-RSRG	WLAN adapter: UTY-TFSXZ1	
		(Outdoor unit)
IR Receiver unit: UTY-LBTGM		External connect kit: UTY-XWZXZ3
External connect kit: UTY-XWZXZG	External input and output PCB: UTY-XCSX+UTZ-GXEA	

Dimensions

(Unit: mm)



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

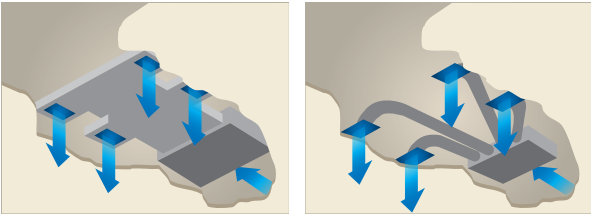
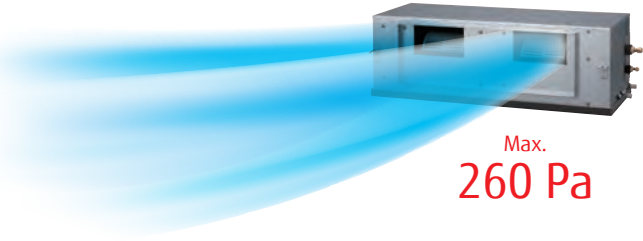
High Static Pressure Duct



High energy efficiency

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

Design also corresponding to high static pressure



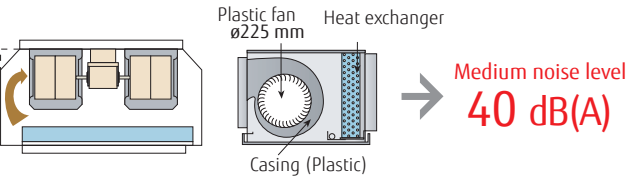
Easy installation (Compact & Lightweight)

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



Low noise

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



Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Model: ARHG60LHTA [3-phase]



Specifications

Model name	Indoor unit		ARHG60LHTA	
	Outdoor unit		AOHG60LATT	
Power Source			3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	15.0 (6.2-17.5)	
	Heating		18.0 (6.2-20.0)	
Input Power	Cooling/Heating	kW	4.70/5.15	
EER	Cooling	W/W	3.19	
COP	Heating		3.50	
Max. Operating Current	Cooling/Heating	A	12.5 /12.5	
Moisture Removal			l/h	
Sound Pressure	Indoor (Cooling)	H/M/L/Q	dB(A)	45/40/36/-
	Indoor (Heating)	H/M/L/Q		45/40/36/-
	Outdoor (Cooling/Heating)	High		56/58
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	3,550/6,900
	Indoor/Outdoor (Heating)	High		3,550/7,300
Static pressure range (Standard)			Pa	60 to 260 (60)
Net Dimensions H x W x D	Indoor	mm	425 x 1,250 x 490	
	Outdoor	mm	1,290 x 900 x 330	
Weight	Indoor	kg	54	
	Outdoor	kg	104	
Connection Pipe Diameter (Liquid/Gas)			mm	9.52/15.88
Drain Hose Diameter (I.D./O.D.)			mm	23.4/25.4
Max. Pipe Length (Pre-Charge)			m	75 (30)
Max. Height Difference				30
Operating Range	Cooling	°CDB	-15 to 46	
	Heating		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	
	Charge	kg (CO2eq-T)	3.45 (7.204)	

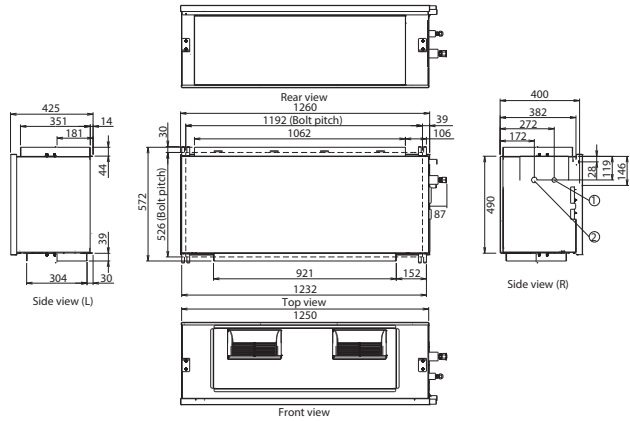
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Wired remote controller:	UTY-RNNGM	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller:	UTY-RVNGM	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple remote controller:	UTY-RSNGM	External connect kit:	UTD-ECS5A
External switch controller:	UTY-TERX	IR receiver unit	UTY-LRHGM
WLAN adapter:	UTY-TFNXZ1		
	FG-RC-WIF1Z2	(Outdoor unit)	
Remote sensor unit:	UTY-XSZXZ1	External connect kit:	UTY-XWZXZ2

Dimensions

(Unit: mm)



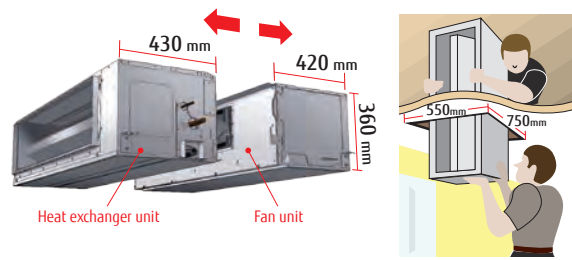
- ① Refrigerant pipe flare connection (Liquid)
- ② Refrigerant pipe flare connection (Gas)
- ③ Drain pipe connection (Safety drain pan)
- ④ Drain pipe connection (Main drain pan)

Big Duct



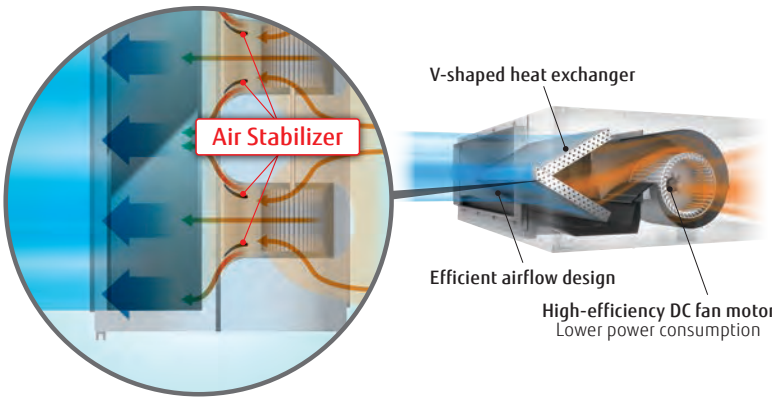
Splittable, lightweight, and compact design

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.



Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Model: ARHG72LHTA / ARHG90LHTA



Wired RC



Specifications

Model name	Indoor unit		ARHG72LHTA	ARHG90LHTA
	Outdoor unit		AOHG72LRLA	AOHG90LRLA
Power Source	Indoor		Single phase, ~230 V, 50 Hz	
	Outdoor		3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	19.0 (8.4-20.9)	22.0 (10.3-24.2)
	Heating	kW	22.4 (7.2-24.6)	27.0 (8.5-29.7)
Input Power	Cooling/Heating	kW	6.46/6.59	7.77/8.18
	Cooling	W/W	2.94	2.83
EER	Cooling	W/W	2.94	2.83
	Heating	W/W	3.40	3.30
COP	Cooling	W/W	2.94	2.83
	Heating	W/W	3.40	3.30
Max. Operating Current	Indoor (Cooling/Heating)	A	-	-
	Outdoor (Cooling/Heating)	A	-	-
Moisture Removal	Indoor (Cooling)	I/h	4.5	6.0
	Indoor (Heating)	I/h	4.5	6.0
Sound Pressure	Indoor (Cooling)	H/M/L/Q	46/43/41/39	47/44/42/40
	Indoor (Heating)	H/M/L/Q	46/43/41/39	47/44/42/40
Airflow Rate	Outdoor (Cooling/Heating)	High	55/55	55/57
	Indoor/Outdoor (Cooling)	High	4,300/8,400	4,300/8,400
Static pressure range (Standard)	Indoor/Outdoor (Cooling)	High	4,300/8,400	4,300/9,000
	Indoor/Outdoor (Heating)	High	4,300/8,400	4,300/9,000
Net Dimensions	Indoor	mm	360 × 1,400 × 850	360 × 1,400 × 850
	Outdoor	mm	1,428 × 1,080 × 480	1,428 × 1,080 × 480
H x W x D	Indoor	mm	360 × 1,400 × 850	360 × 1,400 × 850
	Outdoor	mm	1,428 × 1,080 × 480	1,428 × 1,080 × 480
Weight	Indoor	kg	69	80
	Outdoor	kg	165	174
Connection Pipe Diameter (Liquid/Gas)	Indoor	mm	12.7/25.4	12.7/25.4
	Outdoor	mm	25/32	25/32
Drain Hose Diameter (I.D./O.D.)	Indoor	mm	25/32	25/32
	Outdoor	mm	25/32	25/32
Max. Pipe Length (Pre-Charge)	Indoor	m	100 (30)	100 (30)
	Outdoor	m	100 (30)	100 (30)
Max. Height Difference	Indoor	m	30	30
	Outdoor	m	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating	°CDB	-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
	Charge	kg (CO2eq-T)	5.6 (11.693)	7.1 (14.825)

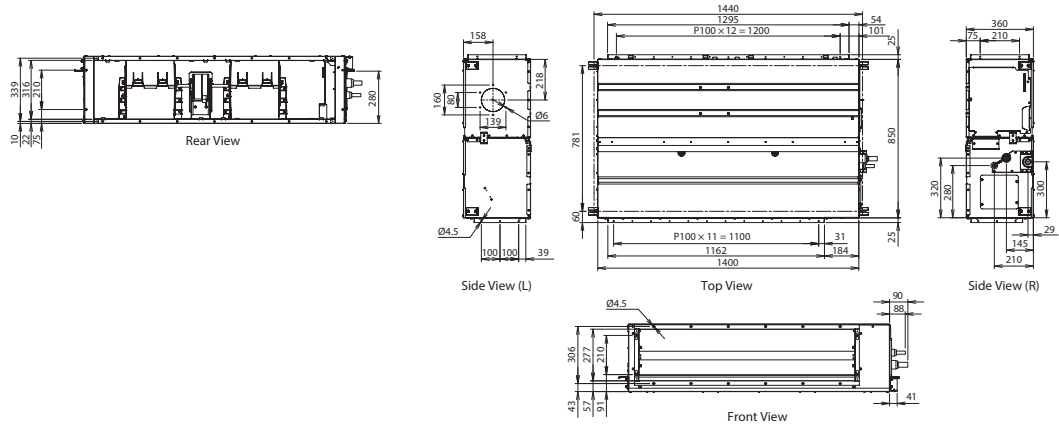
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5		FG-RC-WIF1Z2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG		UTY-TFSXJ3	IR receiver unit:	UTY-LBTGM
	UTY-RNNGM		FG-AC-WIF1Z1		UTY-LRHGM
	UTY-RVNGM	External input and output PCB:	UTY-XCSX	Silver Ion Filter:	UTD-HFKA
Simple remote controller (without operation mode):	UTY-RHRG	Remote sensor unit:	UTY-XSZXZ1		
Simple remote controller:	UTY-RSRG	Long-life filter:	UTD-LFKA	(Outdoor unit)	
	UTY-RSNGM	External connect kit:	UTY-XWZXZG	External connect kit:	UTY-XWZXZ3
External switch controller:	UTY-TERX	Drain pump unit:	UTZ-PX1NAB		

Dimensions

(Unit: mm)



Floor
Compact Size



High energy saving

The Floor 09 class achieves a top-class SEER of 8.50 and an A+++ seasonal efficiency rank for cooling.
The Floor 09 class achieves an improved SCOP of 4.30 and an A+ seasonal efficiency rank for heating.

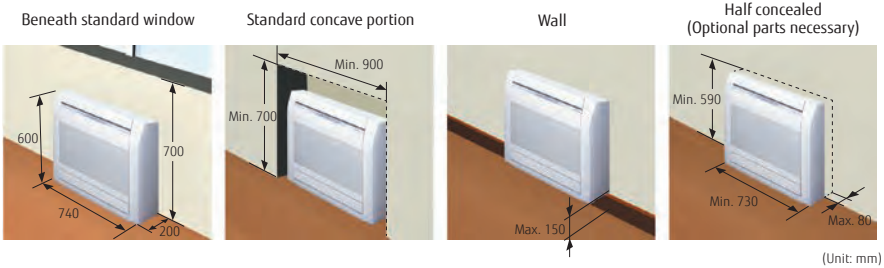


SEER 8.50^{*1} SCOP 4.30^{*1}

*1: 09 model

Flexible & easy installation

The compact and whole-surface suction design provides flexible installation options, including floor-standing, embedded, half concealed, and wall mount installation to match the room layout.



* Concaved position installation with concealment is prohibited.

Low ambient operation

Factory-guaranteed cooling operation down to -10°C ambient temperature.



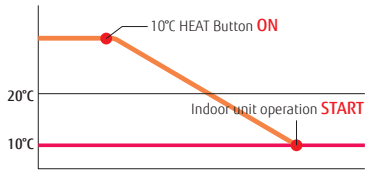
Smart device control (Option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.



10°C heat

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.



Model: AGHG09KVCA / AGHG12KVCA / AGHG14KVCA



For AGHG09/12KVCA For AGHG14KVCA

Specifications

Model name	Indoor unit		AGHG09KVCA	AGHG12KVCA	AGHG14KVCA
	Outdoor unit		AOHG09KVCA	AOHG12KVCA	AOHG14KVCA
Power Source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	kW	2.5 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.2)
	Heating		3.5 (0.9-5.1)	4.5 (0.9-5.3)	5.2 (0.9-6.3)
Input Power	Cooling/Heating	kW	0.53/0.81	0.88/1.22	1.06/1.41
EER	Cooling	W/W	4.70	4.00	3.95
COP	Heating		4.30	3.70	3.70
Pdesign	Cooling/Heating (-10°C)	kW	2.50/2.60	3.50/3.50	4.20/4.20
SEER	Cooling	W/W	8.50	8.20	8.10
SCOP	Heating (Average)		4.30	4.10	4.00
Energy Efficiency Class	Cooling		A+++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.0/8.5	7.0/8.5	11.0/12.0
Annual Energy Consumption	Cooling	kWh/a	103	149	181
	Heating (Average)		845	1,192	1,466
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/35/29/22	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/M/L/Q	41/35/29/22	41/35/29/22	43/37/29/22
Sound Power Level	Outdoor (Cooling/Heating)	High	43/47	45/51	51/50
	Indoor (Cooling/Heating)	High	53/54	53/54	57/56
Sound Power Level	Outdoor (Cooling/Heating)	High	58/61	61/64	63/63
	Indoor/Outdoor (Cooling)	High	570/1,530	570/1,530	650/2,210
Airflow Rate	Indoor/Outdoor (Heating)	High	600/1,510	600/1,510	650/2,100
Net Dimensions H x W x D	Indoor	mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg	14	14	14
	Outdoor	kg	31	31	38
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.94 (0.635)

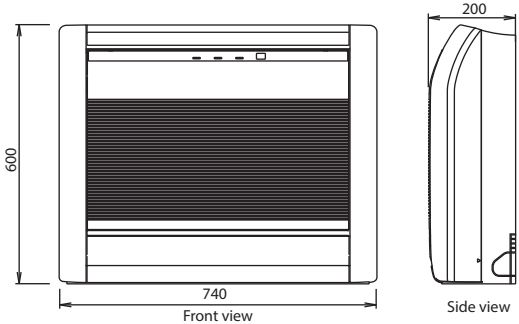
Optional parts

* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRGZ1	External switch controller:	UTY-TERX	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5	WLAN adapter:	UTY-TFSXZ1	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG		FG-AC-WIF1Z1	Silver Ion Filter:	UTR-FA03-5
Simple remote controller (without operation mode):	UTY-RHRG		UTY-TFSXJ3	External connect kit:	UTY-XWZX25
Simple remote controller:	UTY-RSRG	Half concealed kit:	UTR-STA	Communication kit:	UTY-TWRXZ3

Dimensions

(Unit: mm)





Wall-mounted W-LAN Adapter Option Models Specifications

Designer Series High Spec & Design



Model name	Indoor unit		ASHG07KGTE	ASHG09KGTE	ASHG12KGTE	ASHG14KGTE
	Outdoor unit		AOHG07KGCA	AOHG09KGCA	AOHG12KGCA	AOHG14KGCA
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.1)	4.2 (0.9-4.5)
	Heating		2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	5.4 (0.9-6.4)
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling	W/W	5.00	4.50	4.22	3.57
COP	Heating		5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	9.10	9.20	9.20	8.30
SCOP	Heating (Average)		5.30	5.20	5.20	4.50
Energy Efficiency Class	Cooling		A+++	A+++	A+++	A++
	Heating (Average)		A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	77	95	129	177
	Heating		607	645	672	1,242
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/19	40/34/29/19	40/35/30/19
	Indoor (Heating)	H/M/L/Q		41/35/31/21	42/36/31/21	42/38/33/21
	Outdoor (Cooling/Heating)	High		46/46	46/48	50/50
Sound Power Level	Indoor (Cooling/Heating)	High		54/56	55/57	56/58
	Outdoor (Cooling/Heating)	High		61/62	61/63	65/66
Airflow Rate	Indoor/Outdoor (Cooling)	High		650/1,610	700/1,610	700/1,680
	Indoor/Outdoor (Heating)	High		720/1,560	750/1,610	770/1,580
Net Dimensions H × W × D	Indoor	mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	
	Indoor	kg	10	10	10	
Weight	Outdoor	kg	30	30	31	
						32
Connection Pipe Diameter (Liquid/Gas)			6.35/9.52			
Drain Hose Diameter (I.D./O.D.)			13.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)			20 (15)			
Max. Height Difference			15			
Operating Range	Cooling	°CDB	-10 to 46			
	Heating		-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg (CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Designer Series Cool Beauty Design



Model name	Indoor unit		ASHG07KETE ASHG07KETE-B	ASHG09KETE ASHG09KETE-B	ASHG12KETE ASHG12KETE-B	ASHG14KETE ASHG14KETE-B		
	Outdoor unit		AOHG07KETA	AOHG09KETA	AOHG12KETA	AOHG14KETA		
Power Source			Single phase, ~230 V, 50 Hz					
Capacity	Cooling	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)		
	Heating		2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)		
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410		
EER	Cooling	W/W	4.43	3.97	3.65	3.44		
COP	Heating		4.52	4.52	4.17	3.83		
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0		
SEER	Cooling	W/W	7.40	7.40	7.30	6.90		
SCOP	Heating (Average)		4.10	4.10	4.40	4.10		
Energy Efficiency Class	Cooling		A++	A++	A++	A++		
	Heating (Average)		A+	A+	A+	A+		
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0		
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213		
	Heating		785	819	795	1,367		
Moisture Removal		l/h	1.0	1.3	1.8	2.1		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20	
	Indoor (Heating)	H/M/L/Q		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24	
Outdoor (Cooling/Heating)	High	46/46		46/46	50/50	50/50		
Sound Power Level	Indoor (Cooling/Heating)	High		54/56	55/57	55/58	57/59	
	Outdoor (Cooling/Heating)	High		61/61	61/62	65/65	65/66	
Airflow Rate	Indoor/Outdoor (Cooling)	High		m³/h	650/1,650	700/1,650	700/1,700	770/1,680
	Indoor/Outdoor (Heating)	High			720/1,450	750/1,450	770/1,470	800/1,580
Net Dimensions		Indoor	mm	295 × 950 (wall side: 840) × 230				
H × W × D		Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	
Weight	Indoor	kg	11	11	11	11.5		
	Outdoor	kg	23	23	25	31		
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	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	13.8/15.0 to 16.8	13.8/15.0 to 16.8		
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)		
Max. Height Difference			15	15	15	15		
Operating Range	Cooling	°CDB	-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		
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)		
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)		

Standard Series High-Efficiency & Comfort



Model name	Indoor unit		ASHG07KMCE	ASHG09KMCE	ASHG12KMCE	ASHG14KMCE
	Outdoor unit		AOHG07KMCC	AOHG09KMCC	AOHG12KMCC	AOHG14KMCC
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating		785	819	795	1367
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/20	40/34/29/20	40/35/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/22	42/36/31/22	42/38/33/22
Sound Power Level	Outdoor (Cooling/Heating)	High		46/46	46/46	50/50
	Indoor (Cooling/Heating)	High		54/56	55/57	55/58
	Outdoor (Cooling/Heating)	High		61/61	61/62	65/65
	Indoor/Outdoor (Cooling)	High		650/1,650	700/1,650	700/1,700
Airflow Rate	Indoor/Outdoor (Heating)	High		720/1,450	750/1,450	780/1,470
Net Dimensions H x W x D	Indoor	mm	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
Weight	Indoor	kg	10	10	10	10
	Outdoor	kg	22	22	24	31
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	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	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
Operating Range	Cooling	°CDB	-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
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)



ECO Series Lineup Specifications



Compact Cassette

Model name	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA	
	Outdoor unit		AOHG09KATA	AOHG12KATA	AOHG14KATA	AOHG18KATA	AOHG22KATA	AOHG24KATA	
Power Source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	kW	2.5 (0.9-2.7)	3.5 (0.9-3.7)	4.3 (0.9-4.5)	5.2 (0.9-5.4)	6.0 (0.9-6.3)	6.8 (0.9-7.4)	
	Heating		3.2 (0.9-3.9)	4.1 (0.9-4.4)	5.0 (0.9-5.3)	6.0 (0.9-6.3)	7.0 (0.9-7.4)	7.5 (0.9-8.6)	
Input Power	Cooling/Heating	kW	0.68/0.88	1.09/1.17	1.37/1.42	1.69/1.72	1.95/2.00	2.26/2.08	
EER	Cooling	W/W	3.68	3.21	3.14	3.08	3.08	3.01	
COP	Heating		3.64	3.50	3.52	3.49	3.50	3.61	
Pdesign	Cooling/Heating (-10°C)	kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8	6.0/4.4	6.8/5.4	
SEER	Cooling	W/W	6.2	6.1	6.1	6.1	6.1	5.9	
SCOP	Heating		4.0	4.0	4.0	3.9	3.9	3.8	
Energy Efficiency Class	Cooling	A++		A++	A++	A++	A++	A+	
	Heating	A+		A+	A+	A	A	A	
Max. Operating Current	Cooling/Heating	A	6.9/6.9	7.7/7.7	9.2/9.2	10.1/10.1	11.6/11.6	12.6/12.6	
Annual Energy Consumption	Cooling		kWh/a	141	201	247	298	344	403
	Heating		804	979	1,120	1,362	1,578	1,988	
Moisture Removal			l/h	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q		34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
Outdoor (Cooling/Heating)	High	47/48		49/50	50/51	51/52	52/53	54/55	
Sound Power Level	Indoor (Cooling/Heating)	High		46/47	49/49	50/55	50/55	56/57	59/61
	Outdoor (Cooling/Heating)	High		60/60	62/62	63/63	63/64	64/65	66/67
Airflow Rate	Indoor/Outdoor (Cooling)	High		540/1,610	600/1,630	680/1,670	680/1,710	830/2,240	930/2,885
	Indoor/Outdoor (Heating)	High	540/1,550	600/1,410	800/1,580	800/1,840	860/2,240	930/2,350	
Net Dimensions	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	
H × W × D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	
Weight	Indoor	kg	15	15	15	15	16	16	
	Outdoor	kg	23	25	32	33	36	38	
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70
Drain port Diameter (I.D./O.D.)				25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)			m	15 (15)	15 (15)	20 (15)	20 (15)	25 (15)	25 (20)
Max. Height Difference				15	15	15	15	20	20
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	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)	0.9 (0.608)	1.1 (0.743)	1.25 (0.844)	
Cassette Grille	Model name	UTG-UFGF-W							
	Dimensions (H × W × D)	mm	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	
	Weight	kg	2.3	2.3	2.3	2.3	2.3	2.3	

Circular Cassette



Model name	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		A0HG18KATA	A0HG22KATA	A0HG24KATA	A0HG30KATA	A0HG36KATA	A0HG45KATA	A0HG54KATA	A0HG36KQTA	A0HG45KQTA	A0HG54KQTA
Power Source			Single phase, ~230 V, 50 Hz							3-phase, ~400 V, 50 Hz		
Capacity	Cooling	kW	5.2 (0.9-5.4)	6.0 (0.9-6.3)	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)
	Heating		6.0 (0.9-6.3)	7.0 (0.9-7.4)	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)
Input Power	Cooling/Heating	kW	1.60/1.66	1.85/1.93	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	3.24	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75
COP	Heating		3.61	3.63	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19
Pdesign	Cooling/Heating (-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
SEER	Cooling	W/W	6.2	6.2	6.1	6.1	6.1	-	-	6.1	-	-
SCOP	Heating		4.1	4.1	4.0	4.0	4.0	-	-	4.0	-	-
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	-	-	A++	-
	Heating			A+	A+	A+	A+	A+	-	-	A+	-
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	28.1/28.1	10.5/10.5	13.6/13.6	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	293	338	390	488	545	-	-	545	-	-
	Heating		1,297	1,502	1,887	2,794	3,044	-	-	3,044	-	-
Moisture Removal		l/h	1.5	2.2	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	33/32/31/28	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	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
Sound Power Level	Outdoor (Cooling/Heating)	High	51/52	52/53	54/55	53/55	55/55	58/59	58/61	55/55	60/60	61/61
	Indoor (Cooling/Heating)	High	47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	-/-	-/-
Airflow Rate	Outdoor (Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	74/75	70/70	72/73	74/75
	Indoor/Outdoor (Cooling)	High	1,050/1,710	1,050/2,240	1,150/2,885	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,450	2,100/4,450
Net Dimensions	Indoor/Outdoor (Heating)	High	1,050/1,840	1,050/2,240	1,150/2,350	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,780	1,870/3,750	2,000/4,450	2,100/4,780
	Indoor	mm	246 × 840 × 840	246 × 840 × 840	246 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840
H × W × D	Outdoor	mm	542 × 799 × 290	632 × 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
	Indoor	kg	23	23	24	26	29	29	29	29	29	29
Weight	Outdoor	kg	33	36	38	52	52	61	63	53	62	63
Connection Pipe Diameter (Liquid/Gas)			6.35/12.70	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	25/32
Max. Pipe Length (Pre-Charge)			20 (15)	25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			15	20	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	-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	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.9 (0.608)	1.1 (0.743)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.4 (1.620)	2.4 (1.620)	1.90 (1.283)	2.4 (1.620)	2.4 (1.620)
Cassette Grille	Model name	UTG-UKGA-W: White wired remote controller (touch panel) UTG-UKGC-W: White/UTG-UKGA-B*: Black										
	Dimensions (H × W × D)	mm	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950
	Weight	kg	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0



Slim Duct



Model name	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit		AOHG09KATA	AOHG12KATA	AOHG14KATA	AOHG18KATA
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.5 (0.9-2.7)	3.5 (0.9-3.7)	4.3 (0.9-4.5)	5.2 (0.9-5.4)
	Heating		3.2 (0.9-3.9)	4.1 (0.9-4.4)	5.0 (0.9-5.3)	6.0 (0.9-6.3)
Input Power	Cooling/Heating	kW	0.69/0.88	1.09/1.17	1.37/1.42	1.66/1.71
EER	Cooling	W/W	3.62	3.21	3.14	3.13
COP	Heating		3.64	3.50	3.52	3.51
Pdesign	Cooling/Heating (-10°C)	kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8
SEER	Cooling	W/W	5.9	5.8	5.6	5.8
SCOP	Heating		3.8	3.8	3.8	3.8
Energy Efficiency Class	Cooling	A+		A+	A+	A+
	Heating	A		A	A	A
Max. Operating Current	Cooling/Heating	A	6.9/6.9	7.7/7.7	9.2/9.2	10.1/10.1
Annual Energy Consumption	Cooling	kWh/a	148	211	269	313
	Heating		847	1,031	1,177	1,398
Moisture Removal		l/h	0.7	1.3	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	28/27/26/25	29/28/26/25	32/30/28/26
	Indoor (Heating)	H/M/L/Q		28/26/25/24	29/28/26/24	32/30/28/25
Sound Power Level	Outdoor (Cooling/Heating)	High		47/48	49/50	50/51
	Indoor (Cooling/Heating)	High		57/57	58/58	60/60
Airflow Rate	Outdoor (Cooling/Heating)	High	60/60	62/62	63/63	
	Indoor/Outdoor (Cooling)	High	600/1,610	650/1,630	800/1,670	
Static pressure range (Standard)	Indoor/Outdoor (Heating)	High	600/1,550	650/1,410	800/1,580	
			940/1,840			
Net Dimensions			Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
H x W x D	Indoor	mm	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor	kg	17	17	17	20
	Outdoor	kg	23	25	32	33
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
Drain port Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	15 (15)	15 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
Operating Range	Cooling	°CDB	-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
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)	0.9 (0.608)

Medium Static Pressure Duct (High-Efficiency & Comfort)



Model name	Indoor unit		ARXH22KMTAP	ARXH24KMTAP	ARXH30KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH36KMTAP	ARXH45KMTAP	
	Outdoor unit		AOHG22KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA	
Power Source			Single phase, ~230 V, 50 Hz						3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	6.0 (0.9-6.3)	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)	
	Heating		7.0 (0.9-7.4)	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)	
Input Power	Cooling/Heating	kW	1.85/1.97	2.06/1.97	2.69/2.63	3.13/2.88	4.84/4.18	3.13/2.88	4.84/4.18	
EER	Cooling	W/W	3.24	3.30	3.16	3.04	2.50	3.04	2.50	
COP	Heating		3.55	3.81	3.80	3.75	3.23	3.75	3.23	
Pdesign	Cooling/Heating (-10°C)	kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-	
SEER	Cooling	W/W	6.00	6.00	5.80	5.60	-	5.60	-	
SCOP	Heating (Average)		3.90	3.90	3.90	3.90	-	3.90	-	
Energy Efficiency Class	Cooling	A+		A+	A+	A+	-	A+	-	
	Heating (Average)	A		A	A	A	-	A	-	
Max. Operating Current	Cooling/Heating	A	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6	
Annual Energy Consumption	Cooling	kWh/a	358	405	520	601	-	601	-	
	Heating		1,578	1,936	2,867	3,118	-	3,118	-	
Moisture Removal			l/h	1.5	2.2	1.8	2.0	4.0	2.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	32/28/25/24	34/30/28/26	38/34/31/28	38/34/31/28	40/36/32/29	38/34/31/28	40/36/32/29
	Indoor (Heating)	H/M/L/Q		32/28/25/24	34/30/28/26	38/34/31/28	38/34/31/28	40/36/32/29	38/34/31/28	40/36/32/29
Sound Power Level	Outdoor (Cooling/Heating)	High		52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor (Cooling/Heating)	High		58/58	60/60	64/64	65/65	67/67	65/65	67/67
Airflow Rate	Outdoor (Cooling/Heating)	High	64/65	66/67	68/69	70/70	72/73	70/70	72/73	
	Indoor/Outdoor (Cooling)	High	m³/h	1,150/2,240	1,230/2,885	1,950/3,750	2,070/3,750	2,160/4,450	2,070/3,750	2,160/4,450
Static pressure range (Standard)	Indoor/Outdoor (Heating)	High		1,150/2,240	1,230/2,350	1,950/3,750	2,070/3,750	2,160/4,450	2,070/3,750	2,160/4,450
				Pa	30 to 150 (40)	30 to 150 (50)	30 to 150 (50)	30 to 150 (50)	30 to 150 (60)	30 to 150 (60)
Net Dimensions H x W x D	Indoor	mm	240 × 1,000 × 700	240 × 1,000 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	
	Outdoor	mm	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	
Weight	Indoor	kg	31	31	42	42	42	42	42	
	Outdoor	kg	36	38	52	52	61	53	62	
Connection Pipe Diameter (Liquid/Gas)			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	
Drain Hose Diameter (I.D./O.D.)			mm	25/32	25/32	25/32	25/32	25/32	25/32	
Max. Pipe Length (Pre-Charge)			m	25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	
Max. Height Difference				20	20	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		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24		
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	1.10 (0.743)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.40 (1.620)	1.90 (1.283)	2.40 (1.620)	

Medium Static Pressure Duct (Standard)



Model name	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA	
	Outdoor unit		AOHG22KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA	
Power Source			Single phase, ~230 V, 50 Hz					3-phase, ~400 V, 50 Hz		
Capacity	Cooling	kW	6.0 (0.9-6.3)	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)	
	Heating		7.0 (0.9-7.4)	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)	
Input Power	Cooling/Heating	kW	1.92/2.00	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	3.13	3.11	3.06	3.04	2.50	3.04	2.50	
COP	Heating		3.50	3.75	3.61	3.56	3.23	3.56	3.23	
Pdesign	Cooling/Heating (-10°C)	kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-	
SEER	Cooling	W/W	5.8	5.9	5.8	5.6	-	5.6	-	
SCOP	Heating		3.8	3.9	3.9	3.9	-	3.9	-	
Energy Efficiency Class	Cooling	A+		A+	A+	A+	-	A+	-	
	Heating	A		A	A	A	-	A	-	
Max. Operating Current	Cooling/Heating	A	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6	
Annual Energy Consumption	Cooling	kWh/a	362	403	513	594	-	594	-	
	Heating		1,620	1,935	2,871	3,122	-	3,122	-	
Moisture Removal			l/h	2.1	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	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	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
Sound Power Level	Outdoor (Cooling/Heating)	High		52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor (Cooling/Heating)	High		60/62	60/62	65/69	65/70	68/70	65/70	68/70
Airflow Rate	Outdoor (Cooling/Heating)	High	64/65	66/67	68/69	70/70	72/73	70/70	72/73	
	Indoor/Outdoor (Cooling)	High	m³/h	1,100/2,240	1,100/2,885	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450
Static pressure range (Standard)	Indoor/Outdoor (Heating)	High		1,100/2,240	1,100/2,350	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450
	Pa		30 - 150 (35)	30 - 150 (35)	30 - 150 (47)	30 - 150 (47)	30 - 150 (60)	30 - 150 (47)	30 - 150 (60)	
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	270 × 1,135 × 700	
Weight	Outdoor	mm	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	
	Indoor	kg	35	35	38	38	39	38	39	
	Outdoor	kg	36	38	52	52	61	53	62	
Connection Pipe Diameter (Liquid/Gas)			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	
Drain port Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	35.7/38.1	35.7/38.1	
Max. Pipe Length (Pre-Charge)			25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	
Max. Height Difference			20	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		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	1.1 (0.743)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.4 (1.620)	1.9 (1.283)	2.4 (1.620)	

Ceiling



Model name	Indoor unit		ABHG18KRTA	ABHG22KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG36KRTA	ABHG45KRTA
	Outdoor unit		AOHG18KATA	AOHG22KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA
Power Source			Single phase, ~230 V, 50 Hz						3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	5.2 (0.9-5.4)	6.0 (0.9-6.3)	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)
	Heating		6.0 (0.9-6.3)	7.0 (0.9-7.4)	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)
Input Power	Cooling/Heating	kW	1.66/1.71	1.95/2.09	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		3.13	3.08	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating	W/W	3.51	3.35	3.75	3.5	3.56	3.23	3.56	3.23
Pdesign	Cooling/Heating (-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-
SEER	Cooling		5.8	5.6	6.0	5.8	5.6	-	5.6	-
SCOP	Heating	W/W	3.8	3.8	3.9	3.9	3.9	-	3.9	-
Energy Efficiency Class	Cooling		A+	A+	A+	A+	A+	-	A+	-
	Heating		A	A	A	A	A	-	A	-
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	538	375	679	512	594	-	594	-
	Heating		1,398	1,618	1,935	2,871	3,117	-	3,117	-
Moisture Removal		l/h	2.0	2.5	2.2	3.0	2.6	4.5	2.6	4.5
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/36/33/31	42/37/34/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34
	Indoor (Heating)	H/M/L/Q	38/36/33/31	42/37/34/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34
	Outdoor (Cooling/Heating)	High	51/52	52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor (Cooling/Heating)	High	53/53	57/57	56/56	60/60	59/59	60/60	59/59	60/60
Sound Power Level	Outdoor (Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	70/70	72/73
	Indoor/Outdoor (Cooling)	High	840/1,710	900/2,240	1,230/2,885	1,400/3,750	1,850/3,750	1,900/4,450	1,850/3,750	1,900/4,450
Airflow Rate	Indoor/Outdoor (Heating)	High	840/1,840	900/2,240	1,230/2,350	1,400/3,750	1,800/3,750	1,850/4,450	1,800/3,750	1,850/4,450
Net Dimensions H x W x D	Indoor	mm	235 x 1,080 x 705	235 x 1,080 x 705	235 x 1,390 x 705	235 x 1,390 x 705	235 x 1,700 x 705	235 x 1,700 x 705	235 x 1,700 x 705	235 x 1,700 x 705
	Outdoor	mm	542 x 799 x 290	632 x 799 x 290	632 x 799 x 290	788 x 940 x 320	788 x 940 x 320	988 x 940 x 320	788 x 940 x 320	998 x 940 x 320
Weight	Indoor	kg	24	24	31	31	38	38	38	38
	Outdoor	kg	33	36	38	52	52	61	53	62
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/12.7	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	25/32
Max. Pipe Length (Pre-Charge)			20 (15)	25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			15	20	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	-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
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.9 (0.608)	1.1 (0.743)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.40 (1.620)	1.90 (1.283)	2.40 (1.620)

Feature Summary

Type		Wall-mounted type				Wall-mounted type	
Series		Designer Series		Standard Series		ECO Series	
							
Model name		ASHG07/09/12/14KGTf, ASHG07/09/12/14KGTE	ASHG07/09/12/14KETf, ASHG07/09/12/14KETf-B, ASHG07/09/12/14KETE, ASHG07/09/12/14KETE-B	ASHG07/09/12/14KMCF, ASHG07/09/12/14KMCE	ASHG18/24KMTE	ASHH30/36KMTB	ASHG07/09/12KPCE, ASHG18/24KLCA
							
Energy-Saving Features	 Save Occupancy sensor	●				●	
	 Occupancy sensor control						
	 Economy operation	●	●	●	●	●	●
	 Setting temperature range limitation	○	○	○	○	○	
	 Set temperature auto return	○	○	○	○	○	
Features for Comfort	 Power diffuser						
	 Powerful operation	●	●	●	●	●	●
	 10°C Heat	●	●	●	●	●	
	 Outdoor unit low noise operation	●	●	●	●	●	
	 Auto changeover	●	●	●	●	●	●
	 UP/DOWN swing louver	●	●	●			●
	 Double swing automatic				●	●	
	 Automatic fan speed	●	●	●	●	●	●
	 Auto restart	●	●	●	●	●	●
	 Connectable fresh air duct						
	 Fresh air intake						
	 Connectable distributing duct						
	 Individual airflow direction control						
	 Auto-off timer	○	○	○	○	○	
	 Sleep timer	●	●	●	●	●	●
Convenience Features	 Program timer	●	●	●	●	●	●
	 Weekly timer	●	●	○	●	●	
	 Weekly & Temperature setback timer	○	○	○	○	○	
	 Filter sign	●	●	●	●	●	●
	 External error output	○	○	○	○	○	
	 External ON/OFF input	○	○	○	○	○	
	 Wireless LAN control	● (KGTf) ○ (KGTE)	● (KETf, KETf-B) ○ (KETE, KETE-B)	● (KMCF) ○ (KMCE)	○	○	○
	 Multi system control					○	
	 Special cooling					●	
	 Ion deodorization filter	●	●	●	●	●	
Clean Features	 Apple-catechin filter	●	●	●	●	●	
	 Long-life filter						
	 Washable panel	●	●	●	●	●	●
	 Silver Ion Filter	○	○	○	○	○	○
	 Automatic airflow adjustment						
Installation/Support	 Drain pump as standard						
	 Blue fin					●	
	 Refrigerant cycle monitor					○	

*1 For details of Multi System Control function, refer to C-011.

*2 Wired remote controller (UTY-RNRGZ5) is required to use Special Cooling function.

○: Optional function

Feature Summary

Type	Cassette		Duct			Duct				Floor	Ceiling
Series	Compact 4-way Flow Series	Circular Flow Series	Slim (With drain pump)	Medium Static Pressure (High-Efficiency & Comfort)	Medium Static Pressure (Compact size)	Medium Static Pressure (Standard)	High Static Pressure		Big		
Model name											
	AUXG 09/12/14/18/22/24 KVLA	AUXG 18/22/24/30/36/45/54 KRLB	ARXG 09/12/14/18 KLLAP	ARXH 22/24/30/36/45/54 KMTAP	ARXG 12/14/18/22/ 24/30/36/45/54 KHTAP	ARXG22KMLB ARXG24/30/36/45KMLA	ARXG45/54KHTB	ARHG60LHTA	ARHG72/90LHTA	AGHG09/12/14KVCA	ABHG 18/22/24/30/36/45/54 KRTA
Energy-Saving Features											
											
											
											
											
Features for Comfort											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
Convenience Features											
											
											
											
											
											
											
											
											
											
Clean Features											
											
											
											
											
Installation Support											
											
											

*1 For details of Multi System Control function, refer to C-011.

*2 Wired remote controller (UTY-RNRGZ5) is required to use Special Cooling function.

○: Optional function