

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 to 8-unit Multi-split
 - Simultaneous Multi-split Twin/Triple/Double Twin



SPLIT & MULTI-SPLIT

Light Commercial &
Residential



Light Commercial & Residential SPLIT

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- S-054 Feature Summary



Refrigerant R32 models

Wall-mounted type

- S-014 Flagship Series
- S-016 Designer Series
 - High Spec & Design
 - Cool Beauty Design
- S-020 Standard Series
 - High-Efficiency
 - High-Efficiency for Large Rooms
- S-026 ECO Series
 - Compact & Comfort
 - Comfort for Large Rooms

Cassette

- S-030 Compact 4-way Flow Series - Compact Size
- S-032 Circular Flow Series - Comfort for Large Rooms

Duct

- S-034 Slim Duct - Slim Design
- S-036 Medium Static Pressure Duct - Compact & Comfort
- S-038 Medium Static Pressure Duct - Standard
- S-040 High Static Pressure Duct

Floor, Ceiling

- S-046 Floor - Compact & Comfort
- 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 6 types and 128 models of air conditioning systems perfect for various customer applications and layouts. Added to this lineup recently are the environment-friendly R32 refrigerant models.



R32
KE
Series

Wall-mounted type, Designer Series, Cool Beauty Design



R32
KX
Series

Wall-mounted type

Simple and easy to install, all models, including the flagship model equipped with dual-fan, 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.



R32

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.



R32

red dot winner 2020

Ceiling



R32

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.



R32

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.



R32

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 VRF. Check ongoing validity of certificate: www.eurovent-certification.com *Models so marked are not ECC certified.

Type	Series	Refrigerant	Model	Class				Class										
				7	9	12	14	18	22	24	30	36	45	54	60	72	90	
Wall-mounted type	Flagship Series nocria X	R32				ASYG12KXCA												
	Designer Series High Spec & Design	R32	NEW	ASYG07KGTE	ASYG09KGTE	ASYG12KGTE	ASYG14KGTE											
	Designer Series Cool Beauty Design	R32	NEW	ASYG07KETE ASYG07KETE-B	ASYG09KETE ASYG09KETE-B	ASYG12KETE ASYG12KETE-B	ASYG14KETE ASYG14KETE-B											
	Standard Series High-Efficiency & Comfort	R32	NEW	ASYG07KMCE	ASYG09KMCE	ASYG12KMCE	ASYG14KMCE											
	Standard Series High-Efficiency & Large Rooms	R32	NEW					ASYG18KMTE		ASYG24KMTE								
	Standard Series High-Efficiency & Large Rooms	R32	NEW								ASYH30KMTB	ASYH36KMTB						
	ECO Series Compact Size	R32	NEW	ASYG07KPCE	ASYG09KPCE	ASYG12KPCE												
	ECO Series Comfort for Large Rooms	R32						ASYG18KLCA*		ASYG24KLCA*								
Cassette	Compact 4-way Flow Series Compact Size	R32			AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA								
	Circular Flow Series Comfort for Large Rooms	R32	18/22/24 30/36/45/54					AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB				
Duct	Slim Duct	R32	09/12/14 18		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP										
	Medium Static Pressure Duct Compact Size	R32	12/14 18/22/24/30 36/45/54			ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP				
	Medium Static Pressure Duct Standard	R32							ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA					
	High Static Pressure Duct	R32	NEW											ARXG45KHTB	ARXG54KHTB			
		R410A														ARYG60LHTA		
Big Duct	R410A															ARYG72LHTA*	ARYG90LHTA*	
Floor Compact & Comfort	R32			AGYG09KVCA	AGYG12KVCA	AGYG14KVCA												
Ceiling	R32	18/22 24/30 36/45/54						ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG54KRTA				

Features

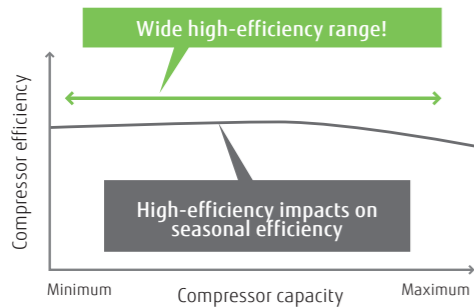
High-Efficiency

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.



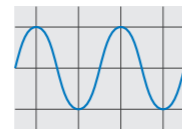
DC fan motor

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.



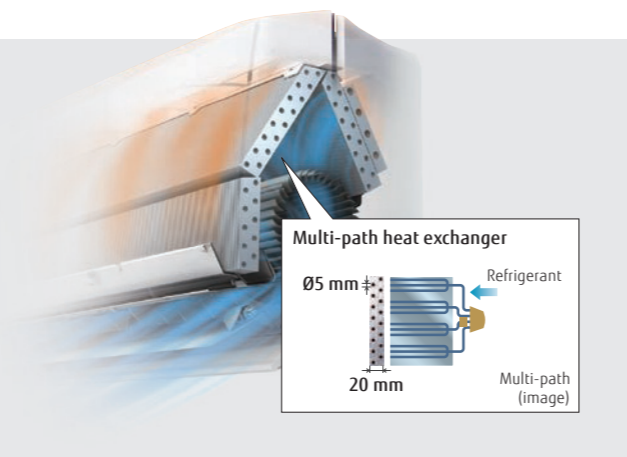
Heat Exchanger for Wall-mounted type

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

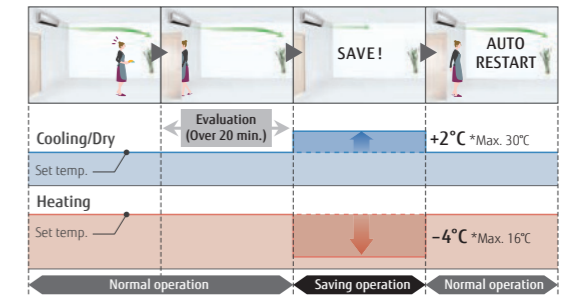
A counter-type bypass circuit has been incorporated to achieve a higher performance. (Large multi-split type, VRF)



High Energy Saving

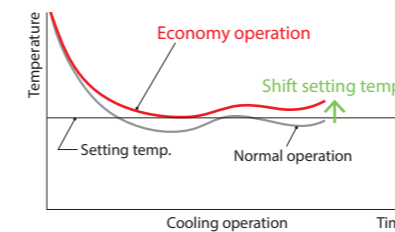
Occupancy sensor control

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.



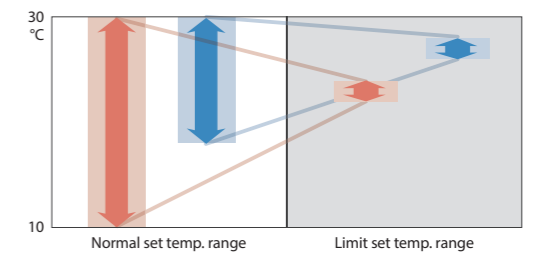
Economy operation

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



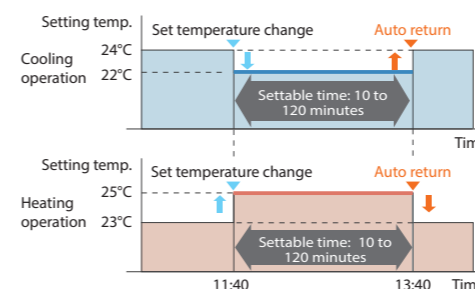
Setting temperature range limitation

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



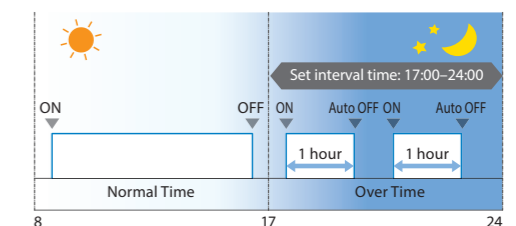
Set temperature auto return

- 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.

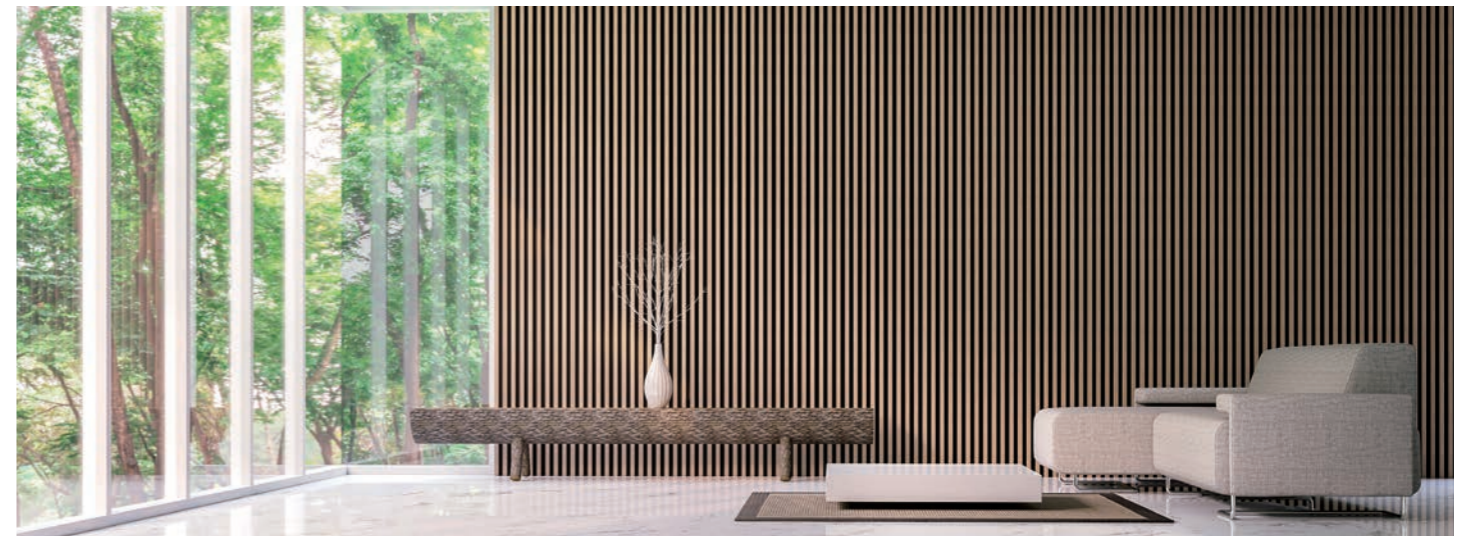


Auto-off timer

- 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.

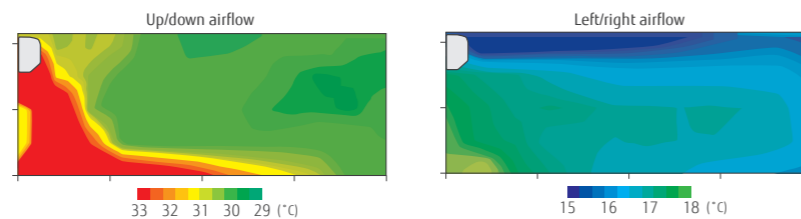


More Comfort



Power diffuser

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

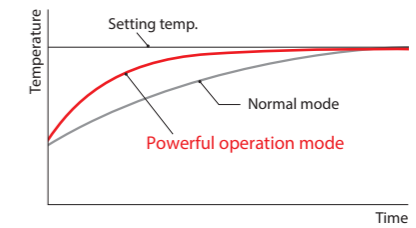


Powerful heating

A large heat exchanger, a large DC rotary compressor, and a high-performance inverter PCB provide high heating capacity even at low outdoor temperature.

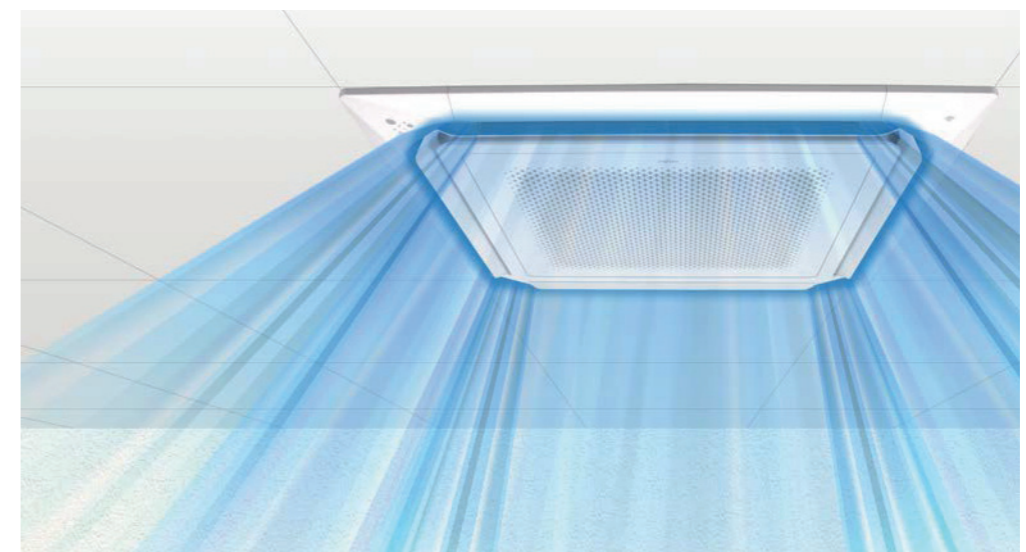
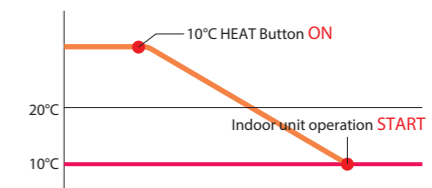
Powerful operation

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)



Uniform air conditioning

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



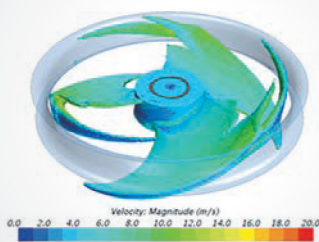
Quiet and Comfort Control



Low Noise Technology

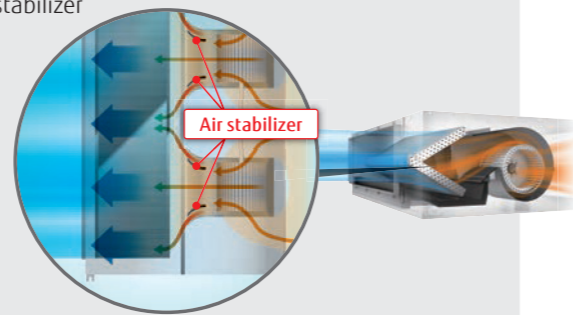
Outdoor unit fan

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



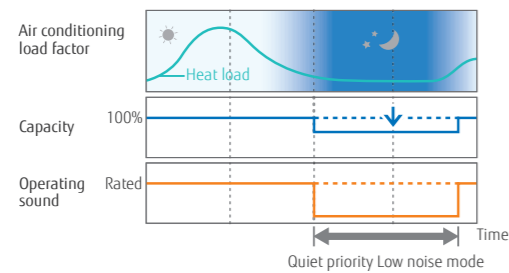
Air stabilizer in Duct

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



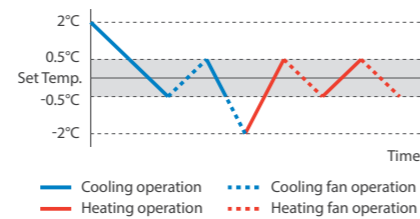
Outdoor unit low noise operation

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

- Dual-fan**
Hybrid Airflow, which combines air currents of different temperatures and velocities, creates a comfortable space.
- Economy mode**
The thermostat setting is adjusted automatically according to the room temperature to avoid unnecessary cooling or heating.
- Save Occupancy sensor**
The Occupancy sensor detects the movement of people in the room and determines whether to switch to energy saving operation.
- 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.
- Occupancy sensor for saving/stop modes**
The Occupancy sensor (option) detects movement of people in the room and decides whether to save energy or stop the unit.
- Set temperature auto return**
The setting temperature automatically returns to the previously set temperature.

Features for Comfort

- Powerful heating**
Maintains the rated heating capacity even when the outdoor ambient temperature is -7°C.
- 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.
- UP/DOWN swing louver**
The vertical louver automatically swings up and down.
- Auto restart**
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.
- Connectable distributing duct**
Locally purchased branch ducts can be attached to the systems to distribute the airflow.
- Power diffuser**
An additional louver that opens based on input from monitoring sensors to quickly enhance immediate comfort needs.
- Low noise mode**
The noise level of the outdoor unit can be selected.
- Double swing automatic**
Complex swing action of the louver enables automatic swing in both the left/right and up/down directions.
- 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 airflow direction control**
Each louver of a 4-way Cassette type can be controlled individually to provide comfortable airflow.
- Powerful mode**
Operation at maximum air flow and compressor speed, that quickly makes the room comfortable.
- Auto changeover**
The unit automatically switches between heating and cooling modes based on the temperature setting and the room temperature.
- Automatic fan speed**
A micro-computer automatically adjusts the airflow to follow the changes in room temperature.
- Fresh air intake**
Fresh air can be taken in by a fan connected to an external control unit.

Convenience Features

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

- Plasma air clean**
The electrostatic precipitator removes dust particles such as pollen and house dust. It is washable and thus can always be kept clean.
- Apple-catechin filter**
The Apple-catechin filter uses static electricity to clean fine particles and dust from the air.
- Silver Ion Filter**
The Silver ion filter helps to keep indoor air free from viruses, bacteria and molds.
- Filter auto clean**
The dust collected by the air filter is automatically removed. A routine disposal of the dust stored in the dust box is necessary.
- Long-life filter**
- 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 panel**
Since the front panel is easy to remove, maintenance is also easy.

Installation / Support

- Automatic airflow adjustment**
Automatically detects required airflow in each application case and adjusts the volume.
- 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 as standard**
- Blue fin**



Wall-mounted type
Flagship Series

nocria™ X



Comfortable airflow control to prevent the body from being exposed to direct airflow



A comfortable space can be created with Hybrid Airflow, which combines different temperatures of air current and velocities.



*1: Announced 2012. In room air conditioner for the home (Our company's investigation)

Filter Auto Clean



Dust on the filter is automatically removed to prevent power from being wasted by the clogged filter.



*2: Announced 2002. In room air conditioner for the home (our company's investigation)

Plasma Air Clean

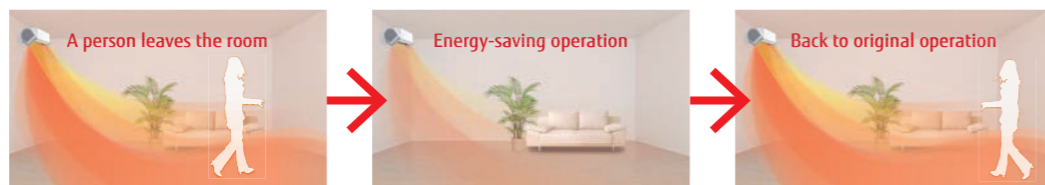
Air that passes through the indoor unit is cleaned by a built-in electrostatic dust collector. Pollen, house dust and other tiny pollutants are collected and removed with static electricity.



Occupancy sensor

The Occupancy sensor detects movement of people in a room and operates at reduced capacity when people leave the room. When people return to the room, the system automatically returns to the previous room settings.

Rank **A+++** SEER **8.5** SCOP **5.1**



Model: ASYG12KXCA

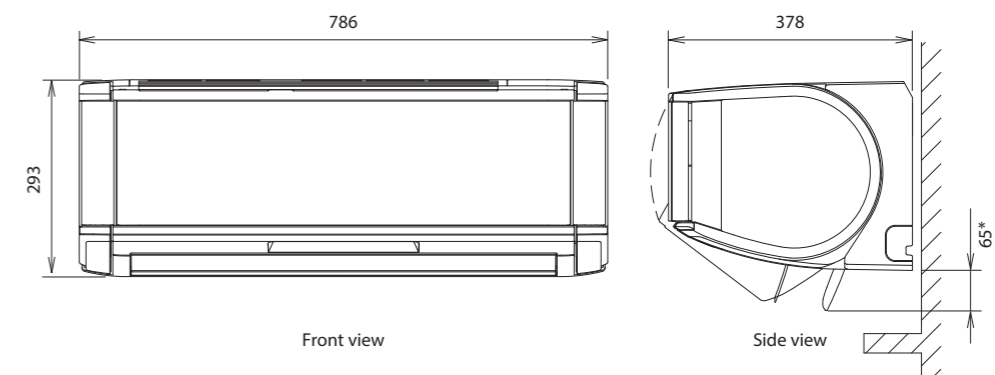


Specifications

Model name	Indoor unit		Outdoor unit	
	ASYG12KXCA		AOYG12KXCA	
Power Source	Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	3.4 (0.6-5.3)	
	Heating		5.0 (0.6-9.0)	
Input Power	Cooling/Heating		kW	0.670/1.020
	Cooling			
EER	Cooling		W/W	4.90
	Heating			
Pdesign	Cooling/Heating (-10°C)		kW	8.50
	Cooling			
SEER	Cooling		W/W	A+++
	Heating (Average)			
SCOP	Cooling		A	9.0/16.0
	Heating (Average)			
Max. Operating Current	Cooling/Heating		kWh/a	961
	Cooling			
Annual Energy Consumption	Cooling		I/h	46/42/38/28
	Heating			
Moisture Removal	Indoor (Cooling)	H/M/L/Q	dB(A)	44/43
	Indoor (Heating)	H/M/L/Q		
Sound Pressure Level	Outdoor (Cooling/Heating)		High	57/57
	Indoor (Cooling/Heating)			
Sound Power Level	Indoor (Cooling/Heating)		High	810/1,975
	Outdoor (Cooling/Heating)			
Airflow Rate	Indoor/Outdoor (Cooling)		m³/h	704 × 820 × 315
	Indoor/Outdoor (Heating)			
Net Dimensions H x W x D	Indoor		kg (lbs)	41 (90)
	Outdoor			
Weight	Indoor		mm	11.8/15.0 to 16.8
	Outdoor			
Connection Pipe Diameter (Liquid/Gas)	Indoor		m	10
	Outdoor			
Drain Hose Diameter (I.D./O.D.)	Cooling		°CDB	-15 to 24
	Heating			
Max. Pipe Length (Pre-Charge)	Cooling		kg (CO2eq-T)	1.30 (0.878)
	Heating			
Max. Height Difference	Cooling			
	Heating			
Operating Range	Cooling			
	Heating			
Refrigerant	Type (Global Warming Potential)			
	Charge			

Dimensions

(Unit: mm)



* Dimensions when air flowing downward

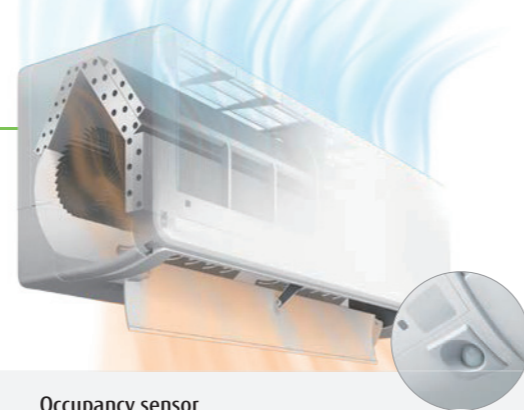
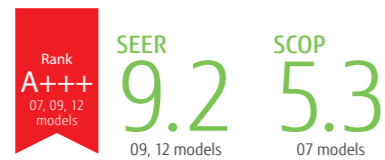
Wall-mounted type Designer Series

High Spec & Design



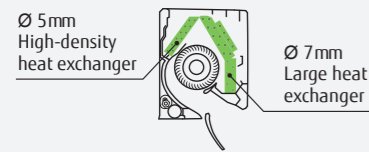
High energy saving

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



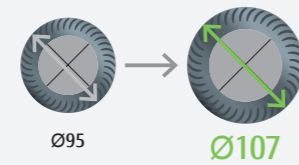
Hybrid-heat exchanger

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



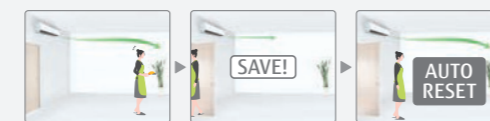
Ø107 Large cross-flow fan

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

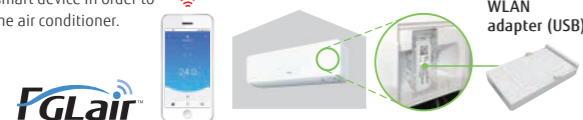
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



Smart Device control (Option)

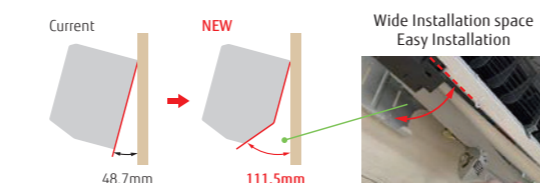
With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

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



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: ASYG07KGTE/ASYG09KGTE/ASYG12KGTE/ASYG14KGTE



Specifications

Model name	Indoor unit		ASYG07KGTE	ASYG09KGTE	ASYG12KGTE	ASYG14KGTE
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
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		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)		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
	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
	Cooling	kWh/a	77	95	129	177
Annual Energy Consumption	Cooling	kWh/a	607	645	672	1,242
	Heating	kWh/a	607	645	672	1,242
Moisture Removal	Cooling	l/h	1.0	1.3	1.8	2.1
	Heating	l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/21	42/36/31/21	42/36/31/21	44/39/33/24
	Outdoor (Cooling/Heating)	High	46/46	46/48	50/50	50/50
Sound Power Level	Indoor (Cooling/Heating)	High	54/56	55/57	56/58	57/59
	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
Airflow Rate	Indoor/Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580
	Indoor/Outdoor (Cooling)	High	650/1,610	700/1,610	700/1,680	770/1,680
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 (lbs)	10 (22)	10 (22)	10 (22)	10 (22)
	Outdoor	kg (lbs)	30 (66)	30 (66)	31 (68)	32 (71)
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)

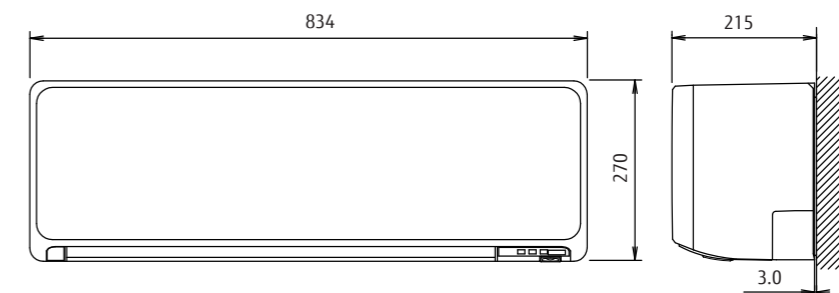
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXF2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	Communication kit:	UTY-TWRXZ2	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RHRY	External input and output PCB:	UTY-XCSXZ2		
Simple remote controller:	UTY-RSRY	External connect kit:	UTY-XWZX		

Dimensions

(Unit: mm)



Wall-mounted type 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 lamda heat exchanger, large cross flow fan and new refrigerant.

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

SEER **7.4** *1
SCOP **4.4** *2

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

Hybrid-heat exchanger Ø107 Large cross-flow fan

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

Ø107

Comfortable airflow & Quiet operation

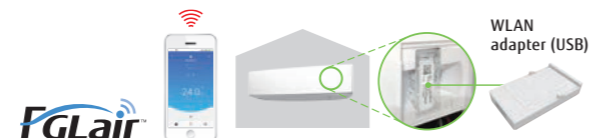
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



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.

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



Model: ASYG07KETE/ASYG09KETE/ASYG12KETE/ASYG14KETE
ASYG07KETE-B/ASYG09KETE-B/ASYG12KETE-B/ASYG14KETE-B



Specifications

Model name	Indoor unit		ASYG07KETE ASYG07KETE-B	ASYG09KETE ASYG09KETE-B	ASYG12KETE ASYG12KETE-B	ASYG14KETE ASYG14KETE-B
	Outdoor unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
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		4.43	3.97	3.65	3.44
	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		7.40	7.40	7.30	6.90
	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	1,367
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	42/38/31/22	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	700/1,650	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 x W x D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
Weight	Indoor	kg (lbs)	11 (24)	11 (24)	11 (24)	11.5 (25)
	Outdoor	kg (lbs)	23 (51)	23 (51)	25 (55)	31 (68)
Connection Pipe Diameter (Liquid/Gas)			6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)		mm	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	*CDB	-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)

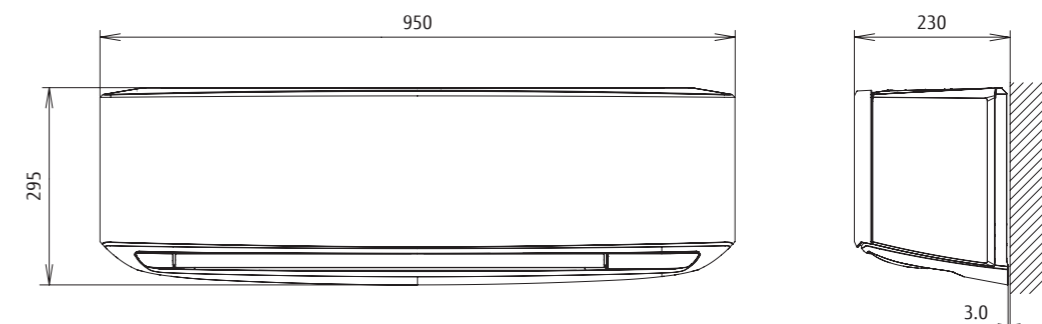
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZXZ5	Silver Ion filter:	UTR-FAT6-5
Simple remote controller (without operation mode):	UTY-RHRY	External switch controller:	UTY-TERX		
Simple remote controller:	UTY-RSRY	WLAN adapter:	UTY-TFSXF2		

Dimensions

(Unit: mm)



NEW

Wall-mounted type

Standard Series

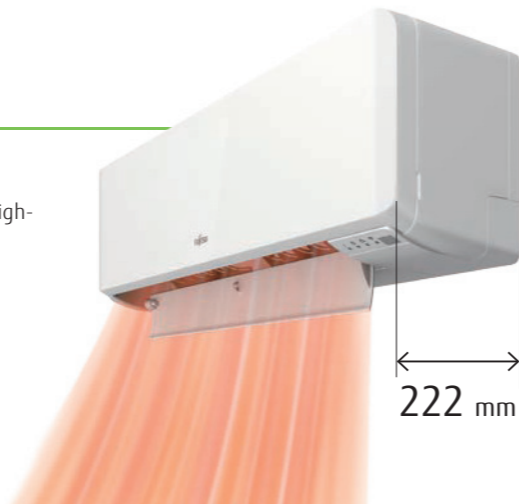
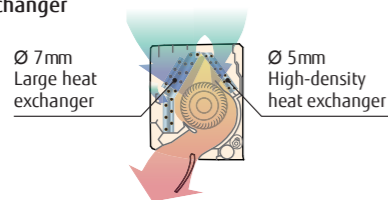
High-Efficiency & Comfort



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 heat exchanger, large cross-flow fan, and the new refrigerant.

Rank Cooling A++ Heating A+

SEER 7.4 *1 SCOP 4.4 *2

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

Comfortable airflow & Quiet operation

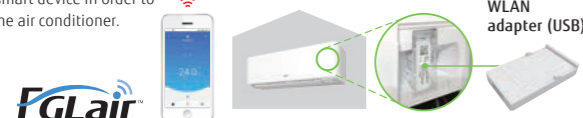
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



Smart Device control (Option)

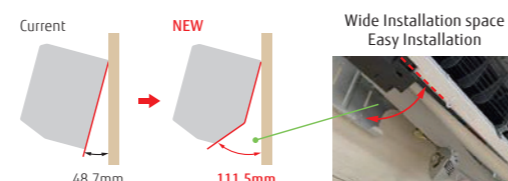
With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

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



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: ASYG07KMCE/ASYG09KMCE/ASYG12KMCE/ASYG14KMCE



Specifications

Model name	Indoor unit		ASYG07KMCE	ASYG09KMCE	ASYG12KMCE	ASYG14KMCE
	Outdoor unit		AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC
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		0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
	Cooling	W/W	4.43	3.97	3.65	3.44
EER	Cooling		4.52	4.52	4.17	3.83
	Heating		2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
Pdesign	Cooling/Heating (-10°C)		2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
	Cooling	W/W	7.40	7.40	7.30	6.90
SEER	Cooling		7.40	7.40	7.30	6.90
	Heating (Average)		4.10	4.10	4.40	4.10
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
	Cooling		A++	A++	A++	A++
Energy Efficiency Class	Heating (Average)		A+	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	95	118	163	213
	Heating	kWh/a	785	819	795	1367
Moisture Removal			l/h	1.0	1.3	1.8
	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
Sound Pressure Level	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	780/1,470	820/1,580
Net Dimensions H x W x D	Indoor	mm	270 x 834 x 222	270 x 834 x 222	270 x 834 x 222	270 x 834 x 222
	Outdoor	mm	541 x 663 x 290	541 x 663 x 290	541 x 663 x 290	542 x 799 x 290
Weight	Indoor	kg (lbs)	10 (22)	10 (22)	10 (22)	10 (22)
	Outdoor	kg (lbs)	22 (49)	22 (49)	24 (53)	31 (68)
Connection Pipe Diameter (Liquid/Gas)			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)			20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
Operating Range	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge			kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)
				0.85 (0.574)		

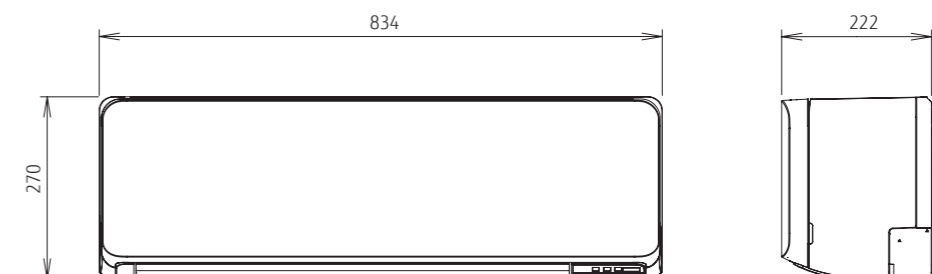
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZXZ5	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RLRY	External switch controller:	UTY-TERX		
Simple remote controller:	UTY-RSRY	WLAN adapter:	UTY-TFSXF2		

Dimensions

(Unit: mm)



Wall-mounted type

Standard Series

High-Efficiency & Large Rooms



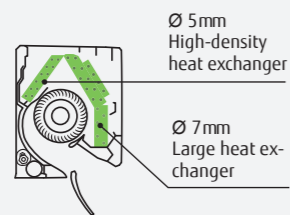
High energy saving

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

Rank **A++**
SEER 7.8
SCOP 4.6
*18 model

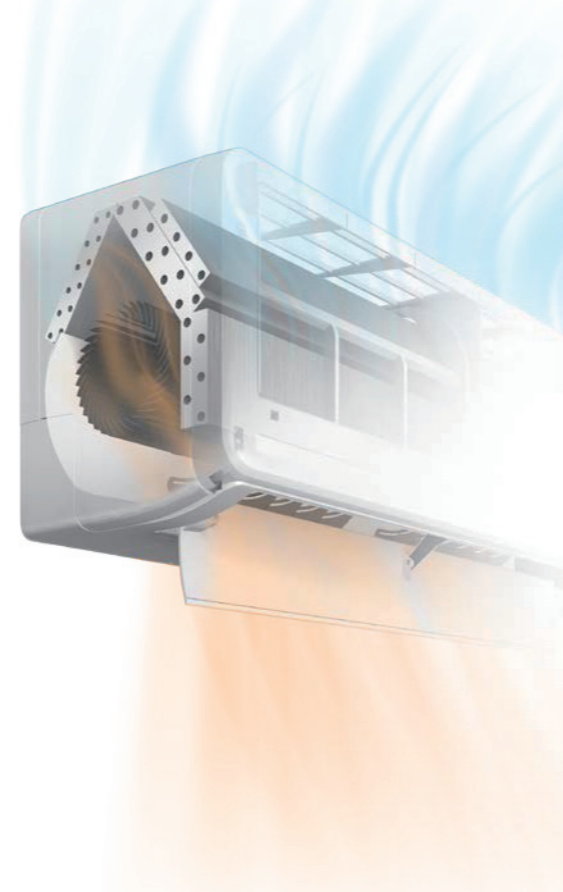
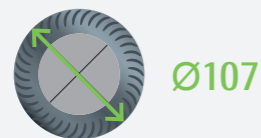
Hybrid-heat exchanger

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



Ø107 Large cross-flow fan

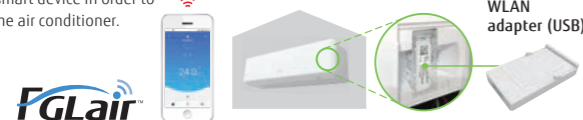
The large-diameter fan generates air volume efficiently even at reduced power.



Smart Device control (Option)

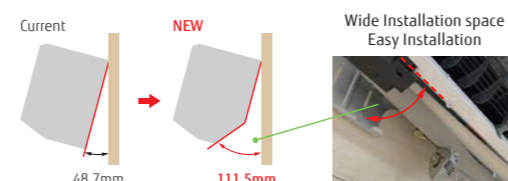
With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

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



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: ASYG18KMTE/ASYG24KMTE



For ASYG18KMTE



For ASYG24KMTE

Specifications

Model name	Indoor unit		Outdoor unit		ASYG18KMTE		ASYG24KMTE	
	AOYG18KMTA		AOYG24KMTA					
Power Source	Single phase, ~230 V, 50 Hz							
Capacity	Cooling	kW	5.2 (0.9-6.0)		7.1 (0.9-8.3)			
	Heating	kW	6.3 (0.9-8.7)		8.0 (0.9-10.1)			
Input Power	Cooling/Heating		1.39/1.56		2.08/1.91			
	EER		3.74		3.41			
COP	Cooling		4.04		4.19			
	Heating		5.2/4.8		7.1/7.1			
Pdesign	Cooling/Heating (-10°C)		7.77		7.30			
SEER	Cooling		4.60		4.20			
SCOP	Heating (Average)		A++		A++			
Energy Efficiency Class	Cooling		A++		A++			
	Heating (Average)		A++		A+			
Max. Operating Current	Cooling/Heating		9.5/13.5		13.5/16.0			
	Annual Energy Consumption	Cooling	kWh/a	234		340		
Heating		kWh/a	1,460		2,362			
Moisture Removal			1.7		2.7			
	Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	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			
	Outdoor (Cooling/Heating)	High	60/61		65/65			
Airflow Rate	Indoor/Outdoor (Cooling)	High	980/2,350		1,170/3,240			
	Indoor/Outdoor (Heating)	High	1,020/2,100		1,170/2,820			
Net Dimensions H x W x D	Indoor	mm	280 x 980 x 240		280 x 980 x 240			
	Outdoor	mm	632 x 799 x 290		716 x 820 x 315			
Weight	Indoor	kg (lbs)	12.5 (28)		12.5 (28)			
	Outdoor	kg (lbs)	36 (79)		42 (93)			
Connection Pipe Diameter (Liquid/Gas)			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)				25 (15)		30 (15)		
	Max. Height Difference			20		25		
Operating Range		Cooling	°CDB	-10 to 46		-10 to 46		
	Heating	°CDB	-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)	

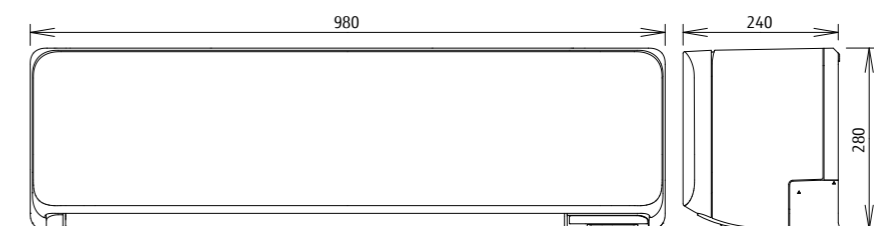
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZXZ5	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RHRY	WLAN adapter:	UTY-TFSXF2		
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX		

Dimensions

(Unit: mm)



Wall-mounted type

Standard Series

High-Efficiency & Large Rooms



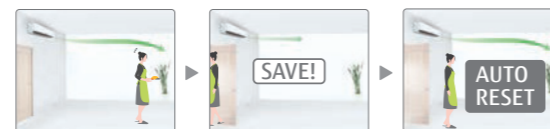
Small, lightweight outdoor unit

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



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.



Adopting new R32 refrigerant

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



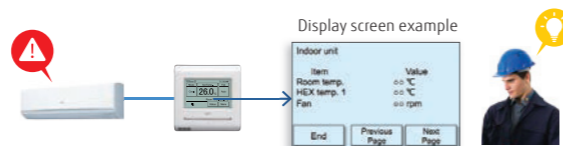
Smart Device control (Option)

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.



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-RNRY25) is required.



Model: ASYH30KMTB/ASYH36KMTB



Specifications

Model name	Indoor unit		Outdoor unit		ASYH30KMTB	ASYH36KMTB	
	Outdoor unit		AOYH30KMTB		AOYH36KMTB		
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
	Cooling					3.43	2.97
EER	Cooling		W/W			4.00	3.70
	Heating					8.0/6.5	9.4/7.1
COP	Cooling/Heating (-10°C)		kW			6.68	6.10
	Cooling					4.50	4.50
Pdesign	Cooling/Heating (Average)		W/W			A++	A++
	Heating (Average)					A+	A+
SEER	Cooling/Heating		A			21.0/21.0	21.5/21.5
	Cooling					419	534
SCOP	Cooling/Heating		kWh/a			1,994	2,189
	Heating					2.6	3.8
Moisture Removal	Cooling		l/h			50/44/40/33	50/44/40/33
	Heating (Average)					49/44/39/33	49/44/39/33
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)			53/55	55/55
	Indoor (Heating)	H/M/L/Q				65/65	65/65
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)			68/69	70/70
	Outdoor (Cooling/Heating)	High				1,330/3,750	1,330/3,750
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h			1,330/3,750	1,330/3,750
	Indoor/Outdoor (Heating)	High				340 × 1,150 × 280	340 × 1,150 × 280
Net Dimensions H x W x D	Indoor		mm			788 × 940 × 320	788 × 940 × 320
	Outdoor					18.5(41)	18.5(41)
Weight	Indoor		kg (lbs)			52.0(115)	52.0(115)
	Outdoor					9.52/15.88	9.52/15.88
Connection Pipe Diameter (Liquid/Gas)			mm			13.8/15.8 to 16.7	13.8/15.8 to 16.7
Drain Hose Diameter (I.D./O.D.)			mm			50(30)	50(30)
Max. Pipe Length (Pre-Charge)			m			30	30
Max. Height Difference	Cooling		°CDB			-15to46	-15to46
	Heating					-15to24	-15to24
Operating Range	Type (Global Warming Potential)				R32(675)	R32(675)	
	Charge		kg (CO2eq-T)		1.90(1.283)	1.90(1.283)	

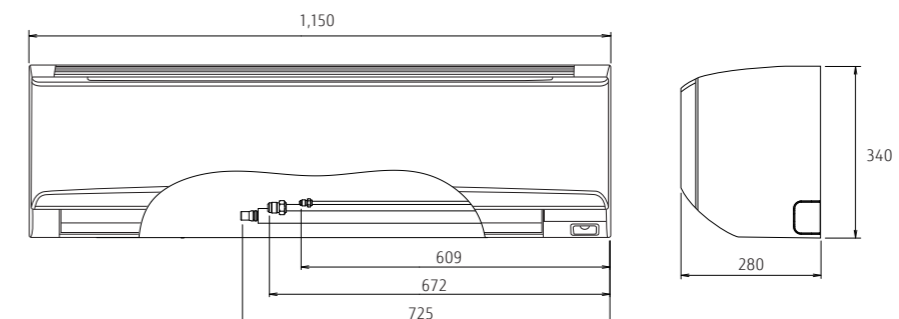
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External connect kit:	UTY-XWZX25	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRY25	External Input and Output PCB:	UTY-XCSX22	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	Communication kit:	UTY-TWRX22	Silver Ion Filter:	UTR-FA13-3
Simple remote controller (without operation mode):	UTY-RHRY	WLAN adapter:	UTY-TFSXF2		
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX		

Dimensions

(Unit: mm)



NEW

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 heat exchanger, large cross-flow fan, and the new refrigerant.



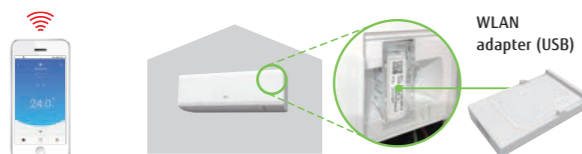
Comfortable airflow & Quiet operation

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.



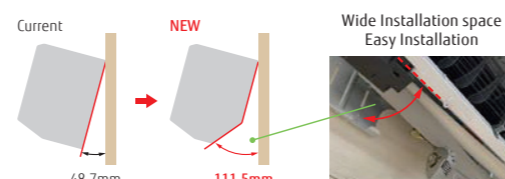
Smart device Control (Option)

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.



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: ASYG07KPCE/ASYG09KPCE/ASYG12KPCE



Specifications

Model name	Indoor unit		ASYG07KPCE	ASYG09KPCE	ASYG12KPCE
	Outdoor unit		AOYG07KPCA	AOYG09KPCA	AOYG12KPCA
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	kW	2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating		0.48/0.63	0.71/0.79	1.00/1.14
	Cooling	W/W	4.17	3.52	3.40
COP	Heating		3.97	3.54	3.33
	Cooling/Heating (-10°C)	kW	2.0/2.2	2.5/2.4	3.4/2.5
SEER	Cooling		6.70	6.70	6.30
	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		6.5/9.0	6.5/9.0	6.5/9.0
	Cooling	kWh/a	104	131	189
Annual Energy Consumption	Heating		769	840	853
	Moisture Removal		l/h	1.0	1.3
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
	Outdoor (Cooling/Heating)	High	45/46	47/47	49/51
Sound Power Level	Indoor (Cooling/Heating)	High	57/58	58/58	59/59
	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
	Indoor	mm	270 × 784 × 224	270 × 784 × 224	270 × 784 × 224
Net Dimensions H x W x D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
	Indoor	kg (lbs)	8 (18)	8 (18)	8 (18)
Weight	Outdoor	kg (lbs)	23 (51)	23 (51)	25 (55)
	Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)		mm	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	°CDB	-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)

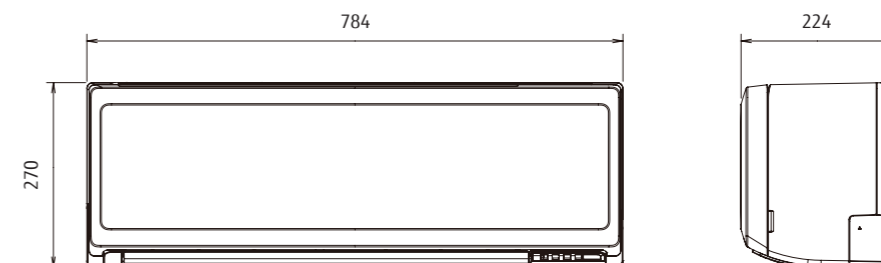
Optional parts

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

WLAN adapter:	UTY-TFSXF2
Silver Ion Filter:	UTR-FA16-5

Dimensions

(Unit: mm)



Wall-mounted type

ECO Series

Comfort for Large Rooms



Model: ASYG18KLCA/ASYG24KLCA



Wireless RC



For ASYG18KLCA



For ASYG24KLCA

Specifications

Model name	Indoor unit		Outdoor unit		ASYG18KLCA	ASYG24KLCA		
	Outdoor unit		AOYG18KLCA		AOYG24KLCA			
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	
	Cooling					3.09	2.93	
EER	Cooling		W/W			3.50	3.60	
	Heating					5.20/4.80	7.10/7.10	
Pdesign	Cooling/Heating (-10°C)		kW			7.20	7.10	
SEER	Cooling		W/W			4.30	4.00	
SCOP	Heating (Average)				A++	A++		
Energy Efficiency Class	Cooling				A+	A+		
	Heating (Average)				9.5/13.5	13.5/17.5		
Max. Operating Current	Cooling/Heating		A			253	350	
Annual Energy Consumption	Cooling		kWh/a			1563	2485	
	Heating					1.9	3.1	
Moisture Removal	Indoor (Cooling)		H/M/L/Q			47/44/40/35	51/45/38/33	
	Indoor (Heating)					50/45/41/37	52/45/41/37	
Sound Pressure Level	Outdoor (Cooling/Heating)		High	dB(A)			50/56	55/57
	Indoor (Cooling/Heating)						60/65	64/65
Sound Power Level	Outdoor (Cooling/Heating)		High			61/66	65/67	
	Indoor (Cooling/Heating)					865/1,830	1,040/2,885	
Airflow Rate	Indoor/Outdoor (Cooling)		High	m³/h			995/2,265	1,040/3,030
	Indoor/Outdoor (Heating)						293 × 790 × 249	293 × 790 × 249
Net Dimensions H x W x D	Indoor		mm			542 × 799 × 290	632 × 799 × 290	
	Outdoor					9.5 (21)	10.0 (22)	
Weight	Indoor		kg (lbs)			33 (73)	38 (84)	
	Outdoor					6.35/9.52	6.35/12.70	
Connection Pipe Diameter (Liquid/Gas)			mm			13.8/15.8 to 16.7	13.8/15.8 to 16.7	
Drain Hose Diameter (I.D./O.D.)			mm			25 (15)	30 (15)	
Max. Pipe Length (Pre-Charge)			m			20	25	
Max. Height Difference						-10 to 46	-10 to 46	
Operating Range	Cooling		°CDB			-15 to 24	-15 to 24	
	Heating					R32 (675)	R32 (675)	
Refrigerant	Type (Global Warming Potential)				0.85 (0.574)	1.10 (0.743)		
	Charge		kg (CO2eq-T)					

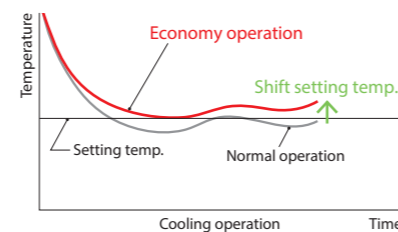
Narrow width & Compact Design

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



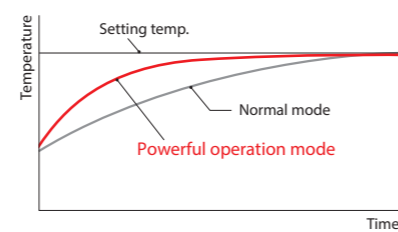
Economy operation

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

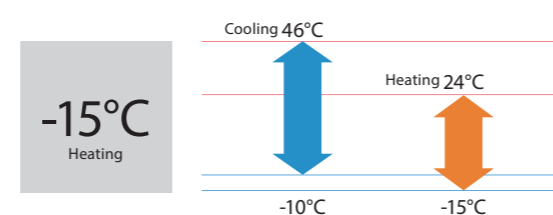
In powerful operation mode, the compressor operates at maximum speed for 20 minutes to provide a powerful airflow. Rapid cooling and heating makes the room comfortable quickly.



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



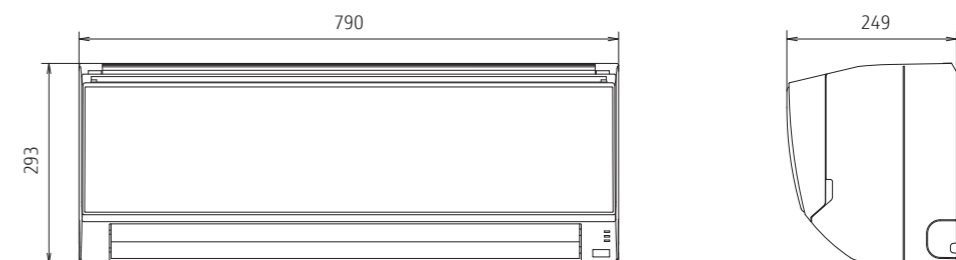
Optional parts

* 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



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



Specifications

Model name	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB
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	2.12/2.03
	Cooling		4.57	3.76	3.36	3.25	3.30	3.08
EER	Cooling	W/W	4.05	3.80	3.79	3.61	3.74	3.69
	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
	Cooling		6.70	6.60	6.50	6.60	6.60	6.10
SEER	Cooling	W/W	4.40	4.30	4.40	4.20	4.30	4.00
	Heating (Average)		4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling	Class	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
	Cooling		131	186	231	275	318	390
Annual Energy Consumption	Cooling	kWh/a	826	1,106	1,208	1,466	1,562	2,097
	Heating		0.6	1.2	1.5	2.2	2.6	2.7
Moisture Removal	Indoor (Cooling)	l/h	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)		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 Pressure Level	Outdoor (Cooling/Heating)	dB(A)	46/46	47/47	49/49	50/50	51/51	53/54
	Indoor (Cooling/Heating)		46/47	49/49	50/55	50/55	56/57	59/61
Sound Power Level	Outdoor (Cooling/Heating)	High	59/59	61/61	62/62	62/62	63/63	65/66
	Indoor (Cooling/Heating)		540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
Airflow Rate	Indoor/Outdoor (Cooling)	m³/h	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
	Indoor/Outdoor (Heating)		245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Net Dimensions H x W x D	Indoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
	Outdoor		15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
Weight	Indoor	kg (lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)
	Outdoor		6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70
Connection Pipe Diameter (Liquid/Gas)	mm		25/32	25/32	25/32	25/32	25/32	25/32
Drain Hose Diameter (I.D./O.D.)	mm		20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max. Pipe Length (Pre-Charge)	m		15	20	20	20	25	25
Max. Height Difference	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
Operating Range	Type (Global Warming Potential)	R32 (675)						
	Charge	kg (CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)
Refrigerant	Model name	UTG-UFYF-W						
	Dimensions (H x W x D)	49 × 620 × 620						
Cassette Grille	Weight	2.3 (5)						

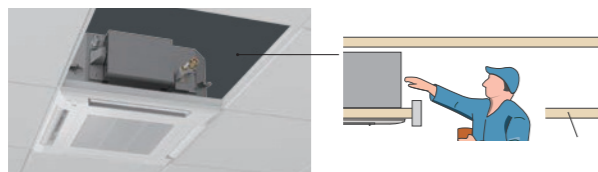
Compact and stylish panel design

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.



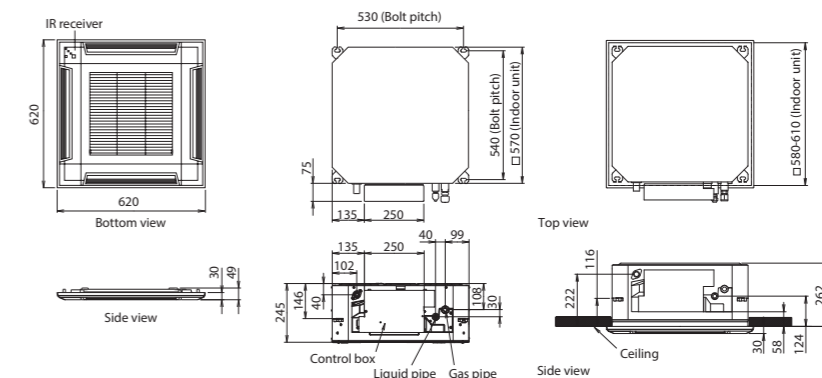
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	Wireless remote controller:	UTY-LNTY	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External switch controller:	UTY-TERX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXZ1	Insulation kit for high humidity:	UTZ-KXGX
	UTY-RNNYM		FJ-RC-WIFI-1	External input and output PCB:	UTY-XCSX
	UTY-RVNYM	Air Outlet Shutter Plate:	UTR-YDZB	External input and output PCB box:	UTZ-GXRA
Simple remote controller (without operation mode):	UTY-RHRY	External connect kit:	UTY-XWZGX	Silver Ion Filter:	UTD-HFAA
Simple remote controller:	UTY-RSRY	Cassette Grille:	UTG-UFYF-W		
	UTY-RSNYM	Fresh air intake kit:	UTZ-VXAA		

Dimensions

(Unit: mm)



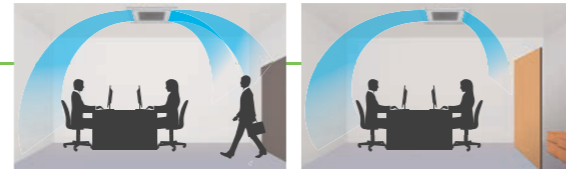
Cassette Circular Flow Series Comfort for Large Rooms

UTG-UKYA-B
Black Grille



Unique Circular Flow design

The Cassette model realizes a Circular Flow to blow a large airflow in a 360° direction by using a high-performance DC fan motor, turbo fan, and a unique seamless airflow louver design.



Airflows avoid blowing cool air directly at the occupants in the room, providing more comfortable air conditioning. Provides efficient air conditioning based on the room layout.

Individual louver control

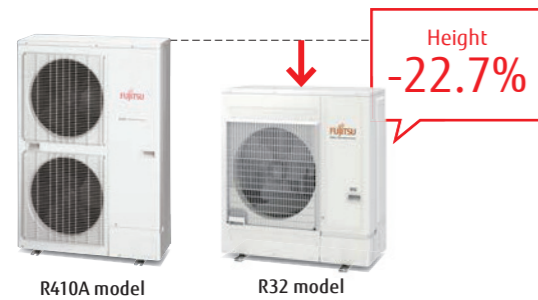
Each louver can be controlled individually with a wired remote controller equipped with a touch panel to provide different directional airflows according to the room layout.

*Wired remote controller (touch panel) (UTY-RNRYZ3) only

The Occupancy sensor yields more energy savings. Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

Compact and lightweight outdoor unit

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.



Various Cassette Grilles

Both black and white grilles are available. Three types of grilles are available: a white grille with a remote controller; a white grille without a remote controller; and a black grille without a remote controller. Select to match the atmosphere and/or usage of the room.



Model: AUXG18KRLB/AUXG22KRLB/AUXG24KRLB/AUXG30KRLB/AUXG36KRLB/AUXG45KRLB/AUXG54KRLB
AUXG36KRLB [3-phase]/AUXG45KRLB [3-phase]/AUXG54KRLB [3-phase]



Specifications

Model name	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Power Source			Single phase, ~230 V, 50 Hz						3-phase, ~400 V, 50 Hz			
Capacity	Cooling	kW	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		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	1.36/1.58	1.71/1.82	1.89/1.90	2.44/2.51	2.91/2.45	3.61/3.21	4.41/4.16	2.91/2.45	3.61/3.21	4.41/4.16
	Cooling		3.82	3.51	3.60	3.49	3.26	3.35	3.04	3.26	3.35	3.04
EER	Cooling	W/W	3.80	3.85	3.95	3.98	4.40	4.20	3.73	4.40	4.20	3.73
	Heating		3.80	3.85	3.95	3.98	4.40	4.20	3.73	4.40	4.20	3.73
COP	Cooling/Heating (-10°C)	kW	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
	Cooling		7.00	7.00	6.60	6.70	6.55	-	-	6.55	-	-
SEER	Cooling	W/W	4.30	4.40	4.20	4.30	4.30	-	-	4.30	-	-
	Heating (Average)		A++	A++	A++	A++	A++	-	-	A++	-	-
Energy Efficiency Class	Cooling	A	A+	A+	A+	A+	A+	-	-	A+	-	-
	Heating (Average)		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
Max. Operating Current	Cooling/Heating	kWh/a	260	300	360	444	507	-	-	507	-	-
	Cooling		1.431	1.527	1.999	2.601	2.828	-	-	2.828	-	-
Annual Energy Consumption	Cooling	l/h	1.5	2.2	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0
	Heating		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
Moisture Removal	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 Pressure Level	Outdoor (Cooling/Heating)	dB(A)	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59
	Indoor (Cooling/Heating)		47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	60/60	61/61
Sound Power Level	Outdoor (Cooling/Heating)	High	62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73
	Indoor (Cooling/Heating)		1.050/2.160	1.050/2.240	1.150/2.700	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
Airflow Rate	Indoor/Outdoor (Cooling)	m³/h	1.050/1.830	1.050/1.960	1.150/2.700	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
	Indoor/Outdoor (Heating)		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
Net Dimensions H x W x D	Indoor	mm	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
	Outdoor		23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)	29 (64)	29 (64)	29 (64)
Weight	Indoor	kg (lbs)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	53 (117)	67 (148)	67 (148)
	Outdoor		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
Connection Pipe Diameter (Liquid/Gas)	Indoor	mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
	Outdoor		30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Pipe Length (Pre-Charge)	Indoor	m	20	25	25	30	30	30	30	30	30	30
	Outdoor		-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
Operating Range	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant	Type (Global Warming Potential)	kg (CO2eq-T)	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)
	Charge		UTG-UKYA-W: White wired remote controller (touch panel) UTG-UKYC-W: White/UTG-UKYA-B*: Black						UTG-UKYA-W: White wired remote controller (touch panel) UTG-UKYC-W: White/UTG-UKYA-B*: Black			
Cassette Grille	Variation	mm	UTG-UKYA-W: White wired remote controller (touch panel) UTG-UKYC-W: White/UTG-UKYA-B*: Black									
	Dimensions (H × W × D)		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	Indoor	kg (lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)
	Outdoor		*1: IR Receiver kit and Occupancy sensor kit cannot be connected.									

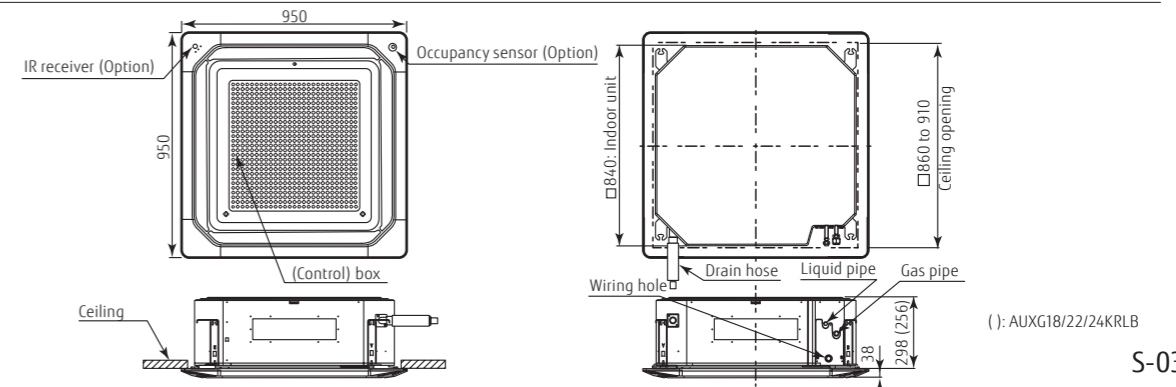
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ1	Cassette Grille:	UTG-UKYA-B
Wired remote controller (touch panel):	UTY-RNRYZ5		FJ-RC-WIFI-1		UTG-UKYA-W
Wired remote controller:	UTY-RLRY	External input and output PCB:	UTY-XCSX		UTG-UKYC-W
	UTY-RNNYM	External input and output PCB box:	UTZ-GXRA	Air Outlet Shutter Plate:	UTR-YDZK
	UTY-RVNYM	Insulation kit for high humidity:	UTZ-KXRA	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RHRY	Fresh air intake kit:	UTZ-VXRA	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple remote controller (without operation mode):	UTY-RSRY	Wide Panel:	UTG-AKXA-W	Silver Ion Filter:	UTD-HFRA
Simple remote controller:	UTY-RSNYM	Panel Spacer:	UTG-BKXA-W		
Occupancy sensor kit:	UTY-SHZXC	IR receiver unit:	UTY-LBXYC	(Outdoor unit 30/36/45/54)	
External switch controller:	UTY-TERX	External connect kit:	UTY-XWZXZG	External connect kit:	UTY-XWZXZ3

Dimensions

(Unit: mm)



() : AUXG18/22/24KRLB

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.



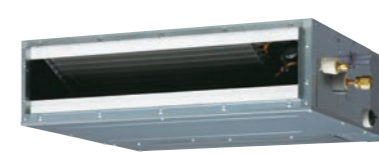
Link up with a variety of Central Control System (Option)

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

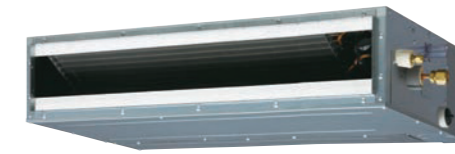


Central Control System

Model: ARXG09KLLAP/ARXG12KLLAP/ARXG14KLLAP/ARXG18KLLAP



ARXG09/12/14KLLAP



ARXG18KLLAP



For ARXG09/12/14KLLAP For ARXG18KLLAP

Specifications

Model name	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB
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
	Heating		4.05	3.80	3.79	3.70
COP	Cooling	W/W	4.17	3.76	3.36	3.35
	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	W/W	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	Cooling	l/h	0.7	1.3	1.5	2.0
	Heating		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
	Outdoor (Cooling/Heating)	High	46/46	47/47	49/49	50/50
Sound Power Level	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)	High	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	940/1,830
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 (lbs)	17 (37)	17 (37)	17 (37)	20 (44)
	Outdoor	kg (lbs)	32 (71)	33 (73)	33 (73)	36 (79)
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.)		mm	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		m	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)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)

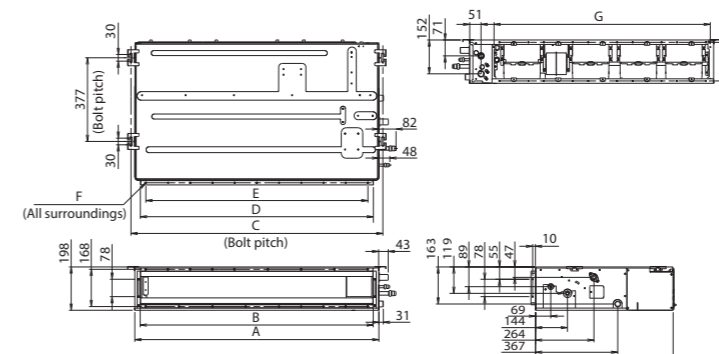
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY		FJ-RC-WIFI-1	External connect kit:	UTY-XWZXZG
	UTY-RNNYM	Silver Ion Filter:	UTD-HFTA (09-14)	Remote sensor unit:	UTY-XSZX
	UTY-RVNYM		UTD-HFTB (18)	Fresh air intake kit:	UTZ-VXAA
Simple remote controller (without operation mode):	UTY-RHRY	Auto Louver Grille Kit:	UTD-GXTA-W (09-14)		
Simple remote controller:	UTY-RSRY		UTD-GXTB-W (18)		
	UTY-RSNYM	IR receiver unit:	UTY-LBTYM		

Dimensions

(Unit: mm)



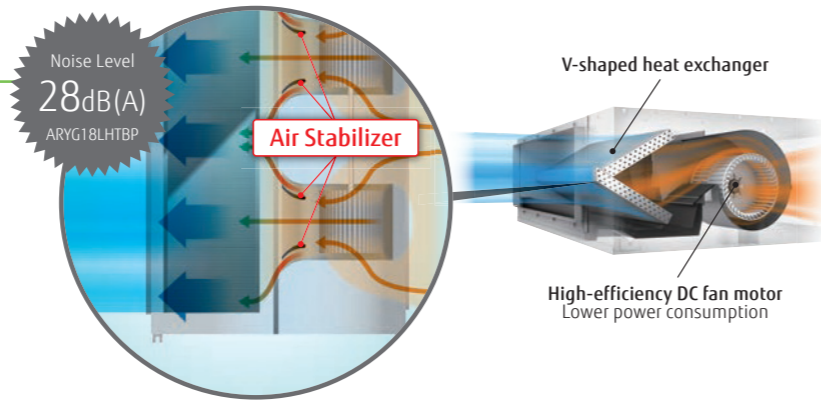
	ARXG09/12/14KLLAP	ARXG18KLLAP
A	700	900
B	650	850
C	734	934
D	650	850
E	P100 × 6 = 600	P100 × 8 = 800
F	18 × Ø5	22 × Ø5
G	574	774

Medium Static Pressure Duct Compact Size



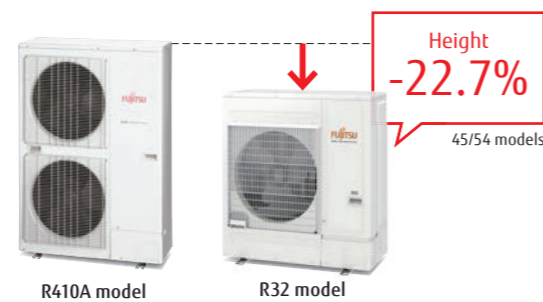
High-Efficiency & Quiet Operation

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]



Specifications

Model name	Indoor unit		ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	ARXG36KHTA	ARXG45KHTA	ARXG54KHTA	
	Outdoor unit		ADYG12KHTB	ADYG14KHTB	ADYG18KHTB	ADYG22KHTB	ADYG24KHTB	ADYG30KHTB	ADYG36KHTB	ADYG45KHTB	ADYG54KHTB	ADYG36KHTA	ADYG45KHTA	ADYG54KHTA	
Power Source	Single phase, ~230 V, 50 Hz											3-phase, ~400 V, 50 Hz			
Capacity	Cooling	kW													
	Heating	kW													
Input Power	Cooling/Heating	kW													
		W/W													
EER	Cooling	W/W													
	Heating	W/W													
COP	Cooling	W/W													
	Heating	W/W													
Pdesign	Cooling/Heating (-10°C)	kW													
		W/W													
SEER	Cooling	W/W													
	Heating (Average)	W/W													
SCOP	Cooling	W/W													
	Heating (Average)	W/W													
Energy Efficiency Class	Cooling	A++													
	Heating (Average)	A+													
Max. Operating Current	Cooling/Heating	A													
		kWh/a													
Annual Energy Consumption	Cooling	kWh/a													
	Heating	kWh/a													
Moisture Removal	Cooling	l/h													
	Heating	l/h													
Sound Pressure Level	Indoor (Cooling)	dB(A)													
	Indoor (Heating)	dB(A)													
Sound Power Level	Outdoor (Cooling/Heating)	dB(A)													
		dB(A)													
Airflow Rate	Indoor (Cooling/Heating)	m³/h													
	Indoor/Outdoor (Cooling)	m³/h													
Static pressure range (Standard)	Indoor	Pa													
	Outdoor	Pa													
Net Dimensions	Indoor	mm													
	Outdoor	mm													
H x W x D	Indoor	mm													
	Outdoor	mm													
Weight	Indoor	kg (lbs)													
	Outdoor	kg (lbs)													
Connection Pipe Diameter (Liquid/Gas)	Indoor	mm													
	Outdoor	mm													
Drain Hose Diameter (I.D./O.D.)	Indoor	mm													
	Outdoor	mm													
Max. Pipe Length (Pre-Charge)	Indoor	m													
	Outdoor	m													
Max. Height Difference	Indoor	m													
	Outdoor	m													
Operating Range	Cooling	°CDB													
	Heating	°CDB													
Refrigerant	Type (Global Warming Potential)	R32 (675)													
	Charge	kg (CO2eq-T)													

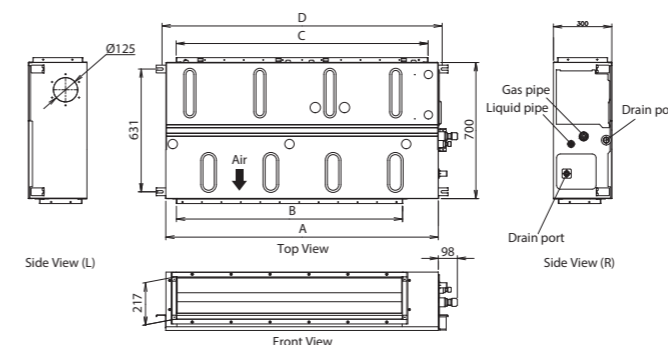
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External input and output PCB:	UTY-XCSX	WLAN adapter:	UTY-TFSXZ1
Wired remote controller (touch panel):	UTY-RNRYZ5	External connect kit:	UTY-XWZXZG		FJ-RC-WIFI-1
Wired remote controller:	UTY-RLRY	External input and output PCB:	UTZ-GXNA	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RNNYM	Long-life filter:	UTD-LFNA (36-54)	Network Converter for single split (AC power supply type):	UTY-VTGXV
	UTY-RVNYM		UTD-LFNB (18-30)		
Simple remote controller (without operation mode):	UTY-RHRY		UTD-LFNC (12-14)		
Simple remote controller:	UTY-RSRY	Silver Ion Filter:	UTD-HFNC (12/14)	(Outdoor unit 30/36/45/54)	
	UTY-RSNYM		UTD-HFNB (18-30)	External connect kit:	UTY-XWZXZ3
Remote sensor unit:	UTY-XSZX	IR receiver unit:	UTY-LBTYM		
External switch controller:	UTY-TERX				

Dimensions

(Unit: mm)



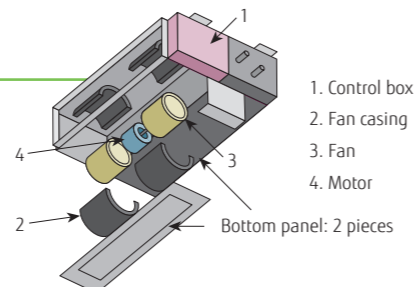
	ARXG12/14KHTAP	ARXG18/22/24/30KHTAP	ARXG36/45/54KHTAP
A	700	1,000	1,400
B	462	762	1,162
C	650	895	1,295
D	740	1,040	1,440

Medium Static Pressure Duct Standard



Easy maintenance

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.

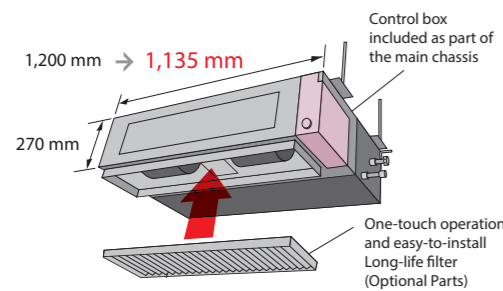


See below for case of rear-suction type

Slim & Compact Design

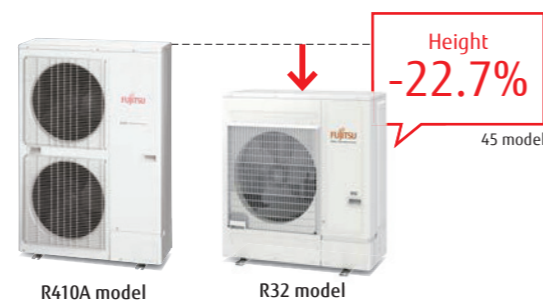
Indoor Unit

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

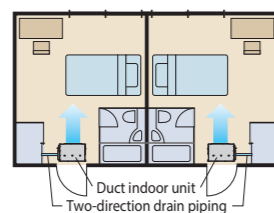


Outdoor Unit

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.



Two-direction drain piping



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: ARXG22KMLB/ARXG24KMLA/ARXG30KMLA/ARXG36KMLA/ARXG45KMLA
ARXG36KMLA [3-phase]/ARXG45KMLA [3-phase]



Specifications

Model name	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG36KRTA	AOYG45KRTA
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
	Cooling		3.37	3.18	3.21	3.20	2.87	3.20	2.87
EER	Cooling	W/W	3.74	3.80	3.80	3.75	3.52	3.75	3.52
	Heating		6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	9.5/8.7	-
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	-
	Cooling		6.10	6.20	6.23	6.10	-	6.10	-
SEER	Cooling	W/W	4.10	4.10	4.00	4.00	-	4.00	-
	Heating		A++	A++	A++	A++	-	A++	-
Energy Efficiency Class	Cooling	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
	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
	Cooling		344	384	477	545	-	545	-
Annual Energy Consumption	Cooling	kWh/a	1.637	2.045	2.797	3.044	-	3.044	-
	Heating		2.1	2.5	2.5	3.0	4.0	3.0	4.0
Moisture Removal	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
Sound Pressure Level	Outdoor (Cooling/Heating)	dB(A)	51/51	53/54	53/55	55/55	57/57	55/55	57/57
	Indoor (Cooling/Heating)		High	60/62	60/62	65/69	65/70	68/70	65/70
Sound Power Level	Outdoor (Cooling/Heating)	High	63/63	65/66	68/69	70/70	71/71	70/70	71/71
	Indoor (Cooling/Heating)		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
Airflow Rate	Indoor/Outdoor (Cooling)	m³/h	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
	Indoor/Outdoor (Heating)		High	30 to 150 (35)	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30-150 (47)
Static pressure range (Standard)	Indoor	Pa	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
	Outdoor		mm	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320
Net Dimensions H x W x D	Indoor	mm	35 (77)	35 (77)	38 (84)	38 (84)	39 (86)	38 (84)	39 (86)
	Outdoor		kg (lbs)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	53 (117)
Weight	Indoor	kg (lbs)	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
	Outdoor		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
Connection Pipe Diameter (Liquid/Gas)	Indoor/Outdoor (Cooling)	m	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
	Max. Height Difference		25	25	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
	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)	kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		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)

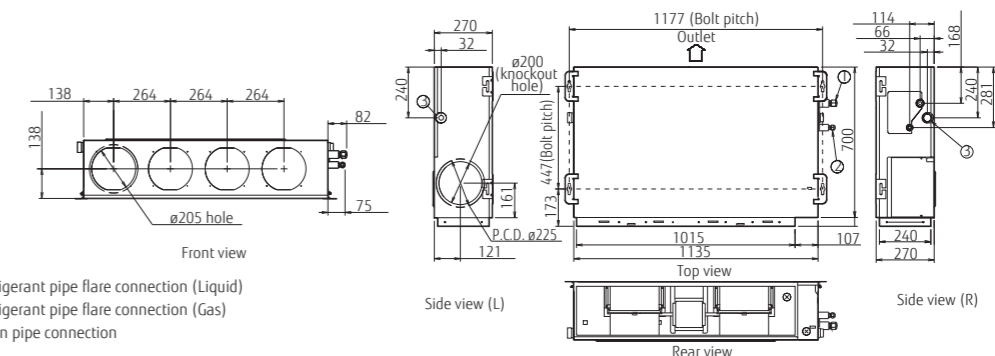
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY		FJ-RC-WIFI-1	Drain pump unit:	UTZ-PXINBA
	UTY-RNNYM	Flange (Round):	UTD-RF204	Long-life filter:	UTD-LF25NA
	UTY-RVNYM	Flange (Square):	UTD-SF045T	Silver Ion Filter:	UTD-HFND
Simple remote controller (without operation mode):	UTY-RHRY	IR receiver unit:	UTY-LBTYM		
Simple remote controller:	UTY-RSRY	Remote sensor unit:	UTY-XSZX	(Outdoor unit 30/36/45/54)	
	UTY-RSNYM	External connect kit:	UTY-XWZXZG	External connect kit:	UTY-XWZXZ3

Dimensions

(Unit: mm)



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

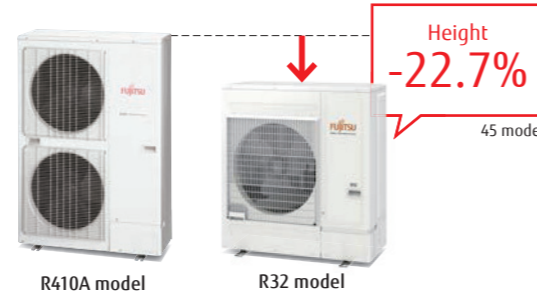
NEW

High Static Pressure Duct

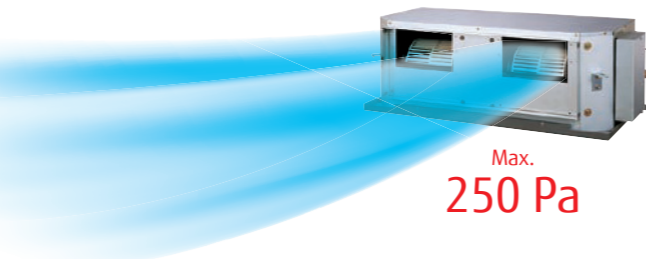
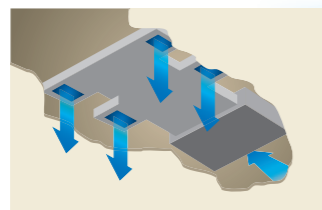


Easy installation (Compact & Lightweight)

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

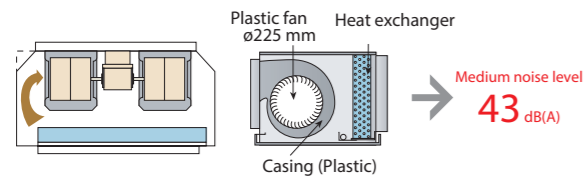


Design also suits high static pressure



Low noise

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



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		AOYG45KHTB	AOYG54KHTB	AOYG45KRTA	AOYG54KRTA	
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	
	Heating		3.74	3.71	3.74	3.71	
Pdesign	Cooling/Heating (-10°C)	kW	-	-	-	-	
	SEER		Cooling	-	-	-	-
SCOP	Heating	W/W	-	-	-	-	
	Energy Efficiency Class		Cooling	-	-	-	-
Max. Operating Current	Heating	A	-	-	-	-	
	Cooling/Heating		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	Cooling	l/h	1.5	2.0	1.5	2.0	
	Heating		-	-	-	-	
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	
	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
	Indoor/Outdoor (Cooling)		High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Airflow Rate	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)	100 to 250 (100)	100 to 250 (100)
Net Dimensions H x W x D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	
	Outdoor		998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	
Weight	Indoor	kg (lbs)	46 (101)	46 (101)	46 (101)	46 (101)	
	Outdoor		67 (148)	67 (148)	67 (148)	67 (148)	
Connection Pipe Diameter (Liquid/Gas)			9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Drain port Diameter (I.D./O.D.)		mm	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)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg (CO2eq-T)	2.70 (1.823)	2.70 (1.823)	2.70 (1.823)	2.70 (1.823)	

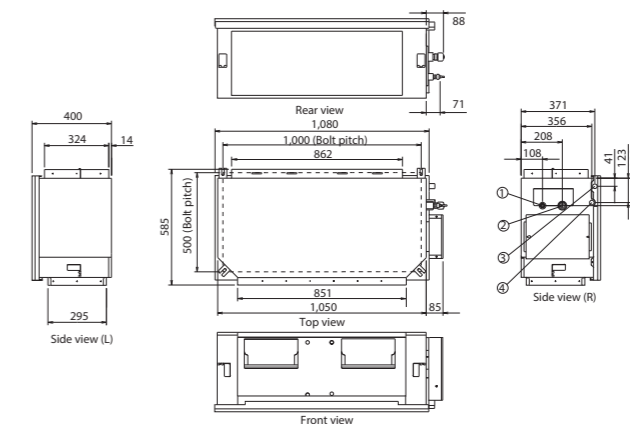
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External connect kit:	UTY-XWZXZG	External input and output PCB:	UTY-XCSX+UTZ-GXEA
Wired remote controller (touch panel):	UTY-RNRYZ5	Remote sensor unit:	UTY-XSZX		
Wired remote controller:	UTY-RLRY	Long-life filter:	UTD-LF60KA	(Outdoor unit)	
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX	External connect kit:	UTY-XWZXZ3
	UTY-RHRY	WLAN adapter:	UTY-TFSXZ1		
IR Receiver unit:	UTY-LBTYM	Silver Ion Filter:	UTD-HFKB		

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



Model: ARYG60LHTA [3-phase]



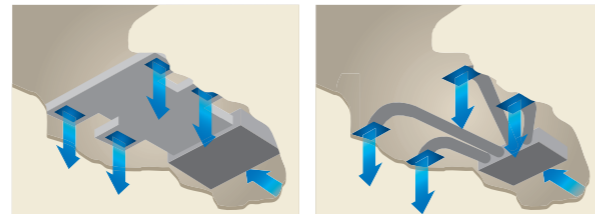
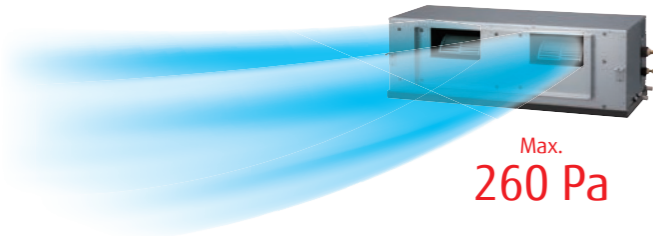
Specifications

Model name	Indoor unit		ARYG60LHTA	
	Outdoor unit		AOYG60LATT	
Power Source			3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	15.0 (6.2-17.5)	
	Heating	kW	18.0 (6.2-20.0)	
Input Power	Cooling/Heating		kW	
EER	Cooling		W/W	
COP	Heating		W/W	
Max. Operating Current	Cooling/Heating		A	
Moisture Removal			l/h	
Sound Pressure	Indoor (Cooling)	H/M/L/Q	dB(A)	
	Indoor (Heating)	H/M/L/Q	45/40/36/-	
	Outdoor (Cooling/Heating)	High	56/58	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	
	Indoor/Outdoor (Heating)	High	3,550/6,900 3,550/7,300	
Static pressure range (Standard)			Pa	
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 (lbs)	54 (119)	
	Outdoor	kg (lbs)	104 (229)	
Connection Pipe Diameter (Liquid/Gas)			mm	
Drain Hose Diameter (I.D./O.D.)			mm	
Max. Pipe Length (Pre-Charge)			m	
Max. Height Difference			m	
Operating Range	Cooling	°CDB	-15 to 46	
	Heating	°CDB	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	
	Charge	kg (CO2eq-T)	3.45 (7.204)	

High energy efficiency

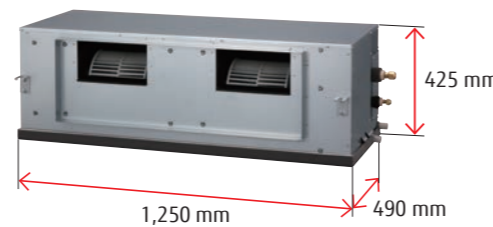
Much greater efficiency is achieved by the use of all-DC inverter technology.

Design also corresponding to high static pressure



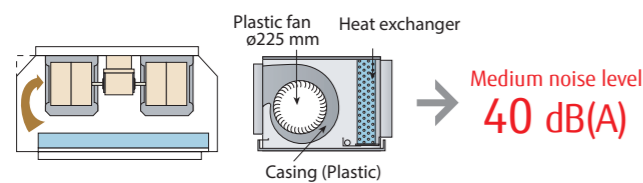
Easy installation (Compact & Lightweight)

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.



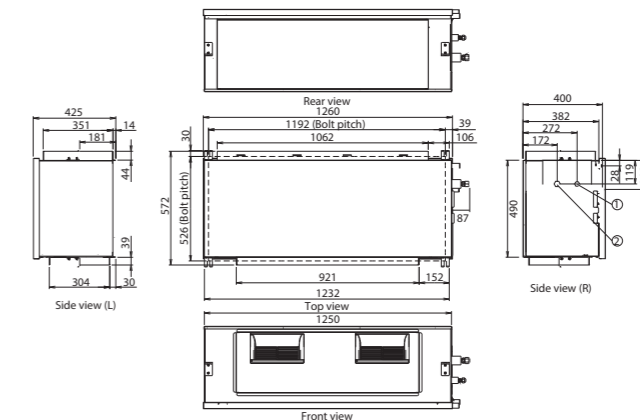
Optional parts

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

Wired remote controller:	UTY-RNNYM	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller:	UTY-RVNYM	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple remote controller:	UTY-RSNYM	External connect kit:	UTD-ECS5A
External switch controller:	UTY-TERX	IR receiver unit:	UTY-LRHYM
WLAN adapter:	UTY-TFNXZ1		
	FJ-RC-WIFI-1	(Outdoor unit)	
Remote sensor unit:	UTY-XSZX	External connect kit:	UTY-XWZXZ2

Dimensions

(Unit: mm)



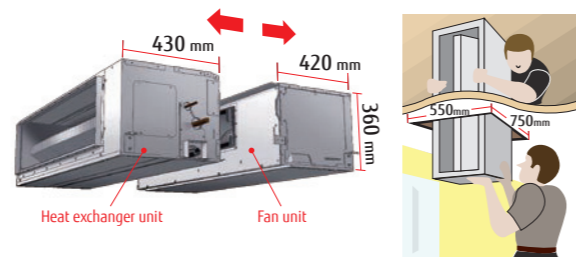
- ① Refrigerant pipe flare connection (Liquid)
- ② Refrigerant pipe flare connection (Gas)
- ③ Drain pipe connection (Safety drain pan)
- ④ Drain pipe connection (Main drain pan)

Big Duct



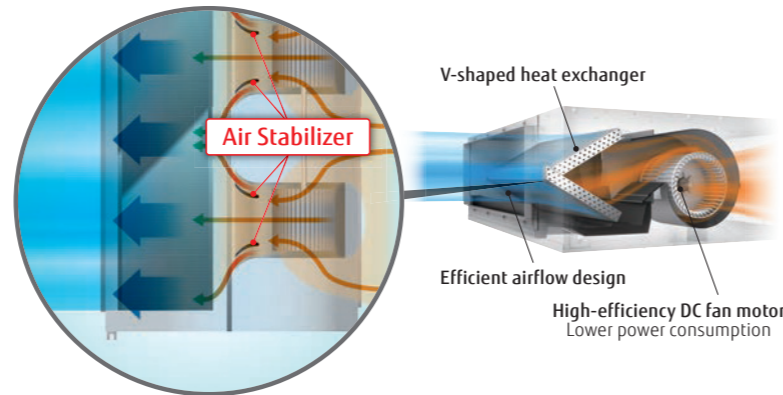
Splittable, lightweight, and compact design

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: ARYG72LHTA/ARYG90LHTA



Specifications

Model name	Indoor unit		ARYG72LHTA	ARYG90LHTA
	Outdoor unit		AOYG72LRLA	AOYG90LRLA
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		22.4 (7.2-24.6)	27.0 (8.5-29.7)
Input Power	Cooling/Heating		6.46/6.59	7.77/8.18
	Cooling	W/W	2.94	2.83
EER	Heating		3.40	3.30
COP	Indoor (Cooling/Heating)		-	-
	Outdoor (Cooling/Heating)		-	-
Max. Operating Current	Indoor (Cooling/Heating)		-	-
	Outdoor (Cooling/Heating)		-	-
Moisture Removal	Indoor (Cooling)		4.5	6.0
	Indoor (Heating)		4.5	6.0
Sound Pressure	Indoor (Cooling)	H/M/L/Q	46/43/41/39	47/44/42/40
	Indoor (Heating)		46/43/41/39	47/44/42/40
Airflow Rate	Outdoor (Cooling/Heating)	High	55/55	55/57
	Indoor/Outdoor (Cooling)		4,300/8,400	4,300/8,400
Static pressure range (Standard)	Indoor/Outdoor (Heating)		4,300/8,400	4,300/9,000
	High		50 to 150 (72)	50 to 200 (72)
Net Dimensions	Indoor		360 × 1,400 × 850	360 × 1,400 × 850
	Outdoor		1,428 × 1,080 × 480	1,428 × 1,080 × 480
Weight	Indoor		69 (152)	80 (176)
	Outdoor		165 (364)	174 (384)
Connection Pipe Diameter (Liquid/Gas)	Indoor		12.7/25.4	12.7/25.4
	Outdoor		25/32	25/32
Drain Hose Diameter (I.D./O.D.)	Indoor		100 (30)	100 (30)
	Outdoor		30	30
Max. Pipe Length (Pre-Charge)	Indoor		-15 to 46	-15 to 46
	Outdoor		-20 to 24	-20 to 24
Max. Height Difference	Cooling		-15 to 46	-15 to 46
	Heating		-20 to 24	-20 to 24
Operating Range	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
	Charge		5.6 (11.693)	7.1 (14.825)

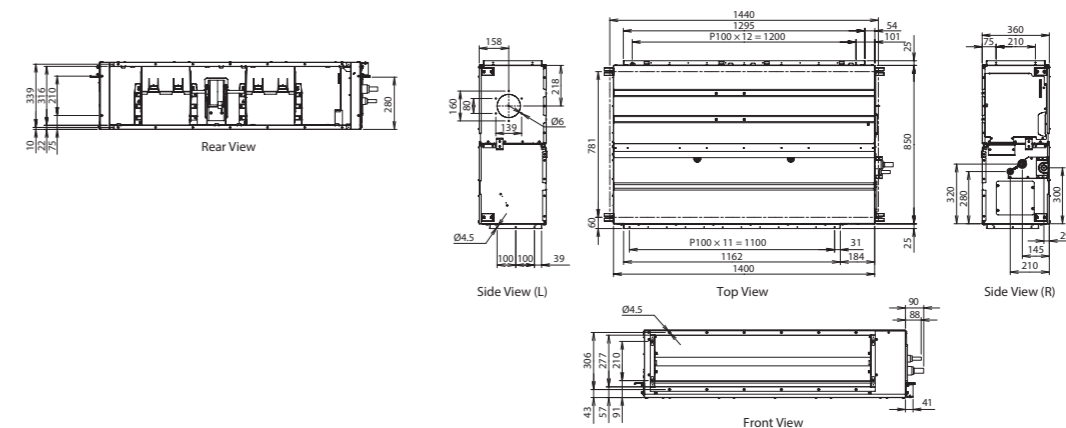
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY		FJ-RC-WIFI-1	IR receiver unit:	UTY-LBXYM
	UTY-RNNYM	External input and output PCB:	UTY-XCSX	Silver Ion Filter:	UTY-LRHYM
	UTY-RVNYM	Remote sensor unit:	UTY-XSZX		UTD-HFKA
Simple remote controller (without operation mode):	UTY-RHRY	Long-life filter:	UTD-LFKA		
Simple remote controller:	UTY-RSRY	External connect kit:	UTY-XWZXZG	(Outdoor unit 72/90)	
	UTY-RSNYM	Drain pump unit:	UTZ-PXINAB	External connect kit:	UTY-XWZXZ3

Dimensions

(Unit: mm)



Floor Compact Size



Model: AGYG09KVCA/AGYG12KVCA/AGYG14KVCA



Specifications

Model name	Indoor unit		AGYG09KVCA	AGYG12KVCA	AGYG14KVCA
	Outdoor unit		AOYG09KVCA	AOYG12KVCA	AOYG14KVCA
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	kW	3.5 (0.9-5.1)	4.5 (0.9-5.3)	5.2 (0.9-6.3)
Input Power	Cooling/Heating		0.53/0.81	0.88/1.22	1.06/1.41
	Cooling	W/W	4.70	4.00	3.95
COP	Heating		4.30	3.70	3.70
	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
	Cooling		A+++	A++	A++
Energy Efficiency Class	Heating (Average)		A+	A+	A+
	Cooling/Heating	A	7.0/8.5	7.0/8.5	11.0/12.0
Max. Operating Current	Cooling		103	149	181
	Heating (Average)		845	1,192	1,466
Annual Energy Consumption	Cooling		1.3	1.8	2.1
	Heating				
Moisture Removal	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 Pressure 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
	Indoor	mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
Net Dimensions H x W x D	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
	Indoor	kg (lbs)	14 (31)	14 (31)	14 (31)
Weight	Indoor	kg (lbs)	31 (68)	31 (68)	38 (83)
	Outdoor	kg (lbs)			
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.)	mm		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	Cooling	°CDB	15	15	15
	Heating	°CDB	-10 to 46	-10 to 46	-10 to 46
Operating Range	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24
	Heating	°CDB			
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)

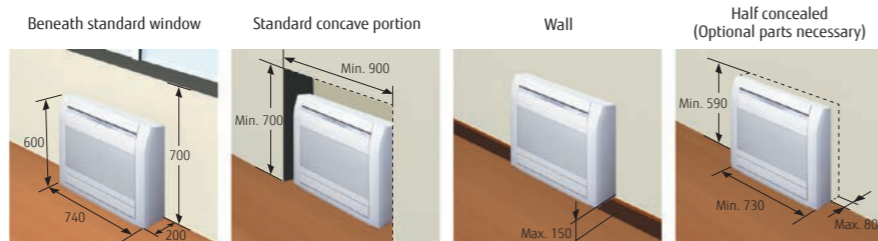
High energy saving

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.



Flexible & easy installation

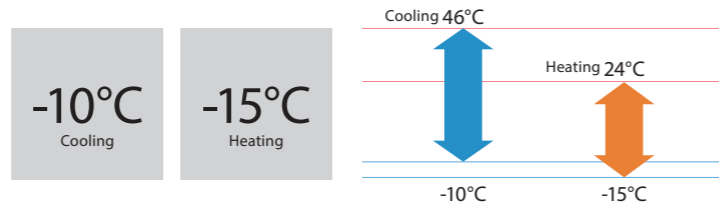
The compact and whole-surface suction design provides flexible installation options, including floor-standing, embedded, half concealed, and wall mount installation to match the room layout.



* Concaved position installation with concealment is prohibited.

Low ambient operation

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



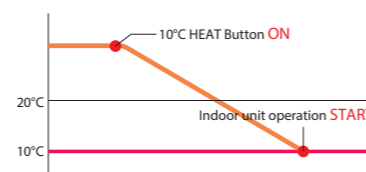
Smart device Control (Option)

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.



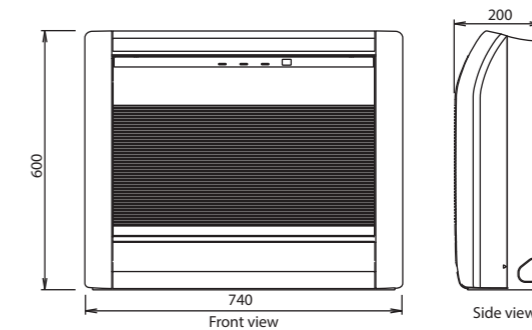
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	Half concealed kit:	UTR-STA	Silver Ion Filter:	UTR-FA03-5
Simple remote controller (without operation mode):	UTY-RHRY	Communication kit:	UTY-TWRXZ3		
Simple remote controller:	UTY-RSRY	External connect kit:	UTY-XWXZ5		

Dimensions

(Unit: mm)



Ceiling



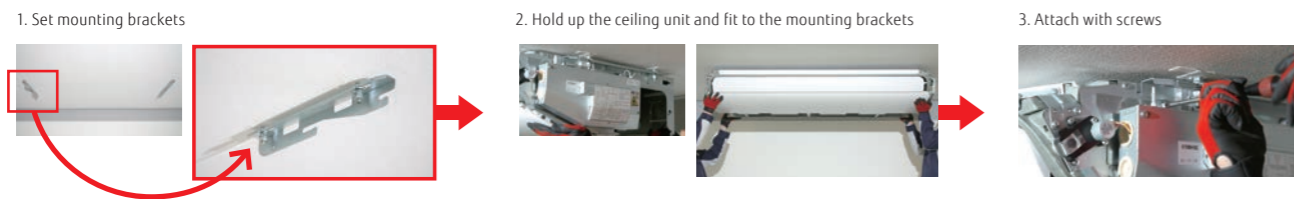
Light Elegant Design

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



Easy installation

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



Easy maintenance

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



The drain pan can be removed for cleaning.



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



Flexible installation

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



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: ABYG18KRTA/ABYG22KRTA/ABYG24KRTA/ABYG30KRTA/ABYG36KRTA/ABYG45KRTA/ABYG36KRTA [3-phase] /ABYG45KRTA [3-phase] /ABYG54KRTA [3-phase]



Specifications

Model name	Indoor unit		Outdoor unit						3-phase, ~400 V, 50 Hz			
	Outdoor unit		ADYG18KBTB	ADYG22KBTB	ADYG24KBTB	ADYG30KBTB	ADYG36KBTB	ADYG45KBTB	ADYG36KRTA	ADYG45KRTA	ADYG54KRTA	
Power Source			Single phase, ~230 V, 50 Hz									
Capacity	Cooling	kW	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 (4.0-13.5)	9.5 (2.8-11.2)	12.1 (4.0-13.5)	13.4 (4.5-14.5)	
	Heating		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)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	
Input Power	Cooling/Heating		kW	1.55/1.62	1.87/1.95	2.14/1.97	2.65/2.77	2.96/2.88	4.22/3.84	2.96/2.88	4.22/3.84	4.45/4.43
	Cooling			W/W	3.35	3.21	3.18	3.21	3.21	2.87	3.21	2.87
EER	Cooling		W/W		3.35	3.21	3.18	3.21	3.21	2.87	3.21	2.87
	Heating			3.70	3.59	3.81	3.61	3.75	3.52	3.75	3.52	3.50
Pdesign	Cooling/Heating (-10°C)		kW	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	9.5/8.7	-	-
	Cooling			W/W	6.2	6.1	6.2	6.1	6.37	-	6.37	-
SEER	Cooling		W/W		6.2	6.1	6.2	6.1	6.37	-	6.37	-
	Heating (Average)			4.1	4.0	4.1	4.0	4.21	-	4.21	-	-
SCOP	Heating (Average)		W/W	4.1	4.0	4.1	4.0	4.21	-	4.21	-	-
	Cooling			A++	A++	A++	A++	A++	-	A++	-	-
Energy Efficiency Class	Heating (Average)		A+	A+	A+	A+	A+	-	A+	-	-	
	Cooling/Heating		A	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0	
Max. Operating Current	Cooling/Heating			kWh/a	293	344	384	486	524	-	524	-
	Cooling		1.501		1.677	2.042	2.796	2.904	-	2.904	-	
Annual Energy Consumption	Cooling		kWh/a	1.501	1.677	2.042	2.796	2.904	-	2.904	-	
	Heating			2.0	2.5	2.2	3.0	2.6	4.5	2.6	4.5	5.0
Moisture Removal	Indoor (Cooling)		l/h	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	48/44/41/38
	Indoor (Heating)			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	48/44/41/38
Sound Pressure Level	Indoor (Cooling/Heating)		dB(A)	50/50	51/51	53/54	53/55	55/55	57/57	55/55	57/57	57/59
	Outdoor (Cooling/Heating)			53/53	57/57	56/56	60/60	59/59	60/60	59/59	60/60	63/63
Sound Power Level	Indoor (Cooling/Heating)		dB(A)	62/62	63/63	65/66	68/69	70/70	71/71	70/70	71/71	73/73
	Outdoor (Cooling/Heating)			84/0/2.160	90/0/2.240	1,230/2.700	1,400/3.750	1,850/3.750	1,900/4.450	1,850/3.750	1,900/4.450	2,100/4.450
Airflow Rate	Indoor/Outdoor (Cooling)		m³/h	840/1.830	900/1.960	1,230/2.700	1,400/3.750	1,800/3.750	1,850/4.450	1,800/3.750	1,850/4.450	2,100/4.450
	Indoor/Outdoor (Heating)			235 × 1,080 × 705	235 × 1,080 × 705	235 × 1,390 × 705	235 × 1,390 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705
Net Dimensions H x W x D	Indoor		mm	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
	Outdoor			24 (53)	24 (53)	31 (68)	31 (68)	38 (84)	38 (84)	38 (84)	38 (84)	38 (84)
Weight	Indoor		kg (lbs)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	53 (117)	67 (148)	67 (148)
	Outdoor			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	9.52/15.88
Connection Pipe Diameter (Liquid/Gas)			mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
	Drain Hose Diameter (I.D./O.D.)			30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Pipe Length (Pre-Charge)			m	20	25	25	30	30	30	30	30	30
	Max. Height Difference			-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
Operating Range	Cooling		°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant	Type (Global Warming Potential)		kg (CO2eq-T)	1.02 (0.689)	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)
	Charge											

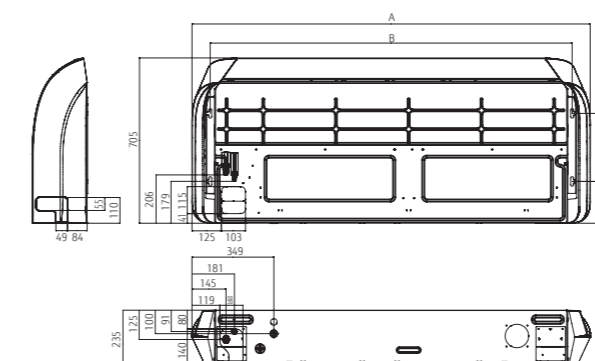
Optional parts

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

Compact wired remote controller:	UTY-RCRYZ1	External connect kit:	UTY-XWZXZG	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	Drain pump unit:	UTR-DPB24T		
Simple remote controller (without operation mode):	UTY-RHRY	IR receiver unit:	UTY-LBTYH		
Simple remote controller:	UTY-RSRY	L-type piping kit:	UTP-FX24A (18/22/24)		
External input and output PCB:	UTY-XCSX	External switch controller:	UTP-FX35A (30/36/45/54)		
External input and output PCB box:	UTZ-GXEA				

Dimensions

(Unit: mm)



	ABYG18/22KRTA	ABYG24/30KRTA	ABYG36/45/54KRTA
A	1,080	1,390	1,700
B	923	1,233	1,543



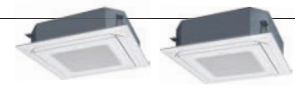
ECO Series Lineup Specifications

Compact cassette



Model name	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA	AOYG22KATA	AOYG24KATA
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
	Cooling		3.68	3.21	3.14	3.08	3.08	3.01
EER	Cooling	W/W	3.64	3.50	3.52	3.49	3.50	3.61
	Heating							
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
	Cooling		6.2	6.1	6.1	6.1	6.1	5.9
SEER	Cooling	W/W	4.0	4.0	4.0	3.9	3.9	3.8
	Heating							
SCOP	Cooling	W/W	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
	Cooling		141	201	247	298	344	403
Annual Energy Consumption	Cooling	kWh/a	804	979	1,120	1,362	1,578	1,988
	Heating							
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)		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	47/48	49/50	50/51	51/52	52/53	54/55
	Indoor (Cooling/Heating)		46/47	49/49	50/55	50/55	56/57	59/61
Airflow Rate	Outdoor (Cooling/Heating)	High	60/60	62/62	63/63	63/64	64/65	66/67
	Indoor/Outdoor (Cooling)		540/1,610	600/1,630	680/1,670	680/1,710	830/2,240	930/2,885
Net Dimensions	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
	Outdoor		541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg (lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
	Outdoor		23 (51)	25 (55)	32 (71)	33 (73)	36 (79)	38 (84)
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.)		mm	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-UFYF-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 (lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)

Circular cassette



Model name	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB		
	Outdoor unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA		
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	
	Cooling		3.25	3.24	3.21	3.32	3.10	2.80	2.75		3.10	2.80	2.75	
EER	Cooling	W/W	3.61	3.63	3.81	3.79	4.19	3.58	3.19		4.19	3.58	3.19	
	Heating													
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	-	-	
	Cooling		6.2	6.2	6.1	6.1	6.1	-	-		6.1	-	-	
SEER	Cooling	W/W	4.1	4.1	4.0	4.0	4.0	-	-		4.0	-	-	
	Heating													
SCOP	Cooling	W/W	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	
	Cooling		293	338	390	488	545	-	-		545	-	-	
Annual Energy Consumption	Cooling	kWh/a	1,297	1,502	1,887	2,794	3,044	-	-		3,044	-	-	
	Heating													
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)		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)		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)		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	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	
	Outdoor		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	
Weight	Indoor	kg (lbs)	23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)		29 (64)	29 (64)	29 (64)	
	Outdoor		33 (73)	36 (79)	38 (84)	52 (115)	52 (115)	61 (134)	63 (139)		53 (117)	62 (137)	63 (139)	
Connection Pipe Diameter (Liquid/Gas)		mm	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.)		mm	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	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)	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-UKYA-W: White wired remote controller (touch panel)											
	Dimensions (H × W × D)	mm	UTG-UKYC-W: White/UTG-UKYA-B*1: Black											
	Weight	kg (lbs)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	53 (113)	

Slim Duct



Model name	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP		
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA		
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		3.62	3.21	3.14	3.13	
COP	Cooling		W/W	3.64	3.50	3.52	3.51	
	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		5.9	5.8	5.6	5.8	
SCOP		Cooling		W/W	3.8	3.8	3.8	3.8
	Heating		3.8		3.8	3.8	3.8	
Energy Efficiency Class	Cooling		A+					
	Heating		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		kWh/a		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)					
	Indoor (Heating)		H/M/L/Q	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27	
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)					
	Indoor (Cooling/Heating)		High	47/48	49/50	50/51	51/52	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h		600/1,610	650/1,630	800/1,670	940/1,710
	Indoor/Outdoor (Heating)		High	600/1,550	650/1,410	800/1,580	940/1,840	
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 x 700 x 620	198 x 700 x 620	198 x 700 x 620	198 x 900 x 620
	Outdoor		mm		541 x 663 x 290	541 x 663 x 290	542 x 799 x 290	542 x 799 x 290
Weight	Indoor		kg (lbs)		17 (37)	17 (37)	17 (37)	20 (44)
	Outdoor		kg (lbs)		23 (51)	25 (55)	32 (71)	33 (73)
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.)			mm		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			m		15	15	15	15
Operating Range	Cooling		°CDB		-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		°CDB		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		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)

Ceiling



Model name	Indoor unit		ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KQTA	ABYG45KQTA		
	Outdoor unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA		
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	Cooling		W/W		3.51	3.35	3.75	3.5	3.56	3.23	3.04	3.23
	Heating		W/W		3.51	3.35	3.75	3.5	3.56	3.23	3.04	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		Cooling		W/W		3.8	3.8	3.9	3.9	3.9	-	3.9
	Heating		W/W		3.8	3.8	3.9	3.9	3.9	-	3.9	-
Energy Efficiency Class	Cooling		A+		A+		A+		A+			
	Heating		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		kWh/a		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	dB(A)									
	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	
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)									
	Indoor (Cooling/Heating)		High	51/52	52/53	54/55	53/55	55/55	58/59	55/55	58/59	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h		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
	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	988 x 940 x 320
Weight	Indoor		kg (lbs)		24 (53)	24 (53)	31 (68)	31 (68)	38 (84)	38 (84)	38 (84)	38 (84)
	Outdoor		kg (lbs)		33 (73)	36 (79)	38 (84)	52 (115)	52 (115)	61 (134)	53 (117)	62 (137)
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	
Drain port Diameter (I.D./O.D.)			mm		25/32	25/32	25/32	25/32	25/32	25/32	25/32	
Max. Pipe Length (Pre-Charge)			m		20 (15)	25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			m		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		°CDB		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
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)	2.40 (1.620)	1.90 (1.283)	2.40 (1.620)

Medium Static Pressure Duct



Model name	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA		
	Outdoor unit		AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA		
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		
	EER	Cooling	3.13	3.11	3.06	3.04	2.50	3.04	2.50		
COP	Cooling		W/W		3.50	3.75	3.61	3.56	3.23		
	Heating		W/W		3.50	3.75	3.61	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	5.8	5.9	5.8	5.6	-	5.6	-		
SCOP		Cooling		W/W		3.8	3.9	3.9	3.9	-	3.9
	Heating		W/W		3.8	3.9	3.9	3.9	-	3.9	-
Energy Efficiency Class	Cooling		A+		A+		A+		A+		
	Heating		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		kWh/a		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)								
	Indoor (Heating)		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	
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)								
	Indoor (Cooling/Heating)		High	52/53	54/55	53/55	55/55	58/59	55/55	58/59	
Airflow Rate	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
	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	
Static pressure range	Standard		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 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700
	Outdoor		mm		632 x 799 x 290	632 x 799 x 290	788 x 940 x 320	788 x 940 x 320	998 x 940 x 320	788 x 940 x 320	998 x 940 x 320
Weight	Indoor		kg (lbs)		35 (77)	35 (77)	38 (84)	38 (84)	39 (86)	38 (84)	39 (86)
	Outdoor		kg (lbs)		36 (79)	38 (84)	52 (115)	52 (115)	61 (134)	53 (117)	62 (137)
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 port 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)	30 (30)
Max. Height Difference			m		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		°CDB		-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)		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)

Feature Summary

Type	Wall-mounted type				Wall-mounted type			
Series	Flagship Series	Designer Series		Standard Series	ECO Series		ECO Series	
Model name	ASYG12KXCA	ASYG07/09/12/14KGTE	ASYG07/09/12/14KETE, ASYG07/09/12/14KETE-B	ASYG07/09/12/14KMCE	ASYG18/24KMTE	ASYH30/36KMTB	ASYG07/09/12KPCE	ASYG18/24KLCA
Energy-Saving Features	Dual-fan	●						
	Save Occupancy sensor	●	●			●		
	Save & Stop Occupancy sensor							
	Economy mode	●	●	●	●	●	●	●
	Setting temperature range limitation		○	○	○	○	○	
Features for Comfort	Set temperature auto return		○	○	○	○		
	Powerful heating							
	Power diffuser	●						
	Powerful mode	●	●	●	●	●	●	●
	10°C Heat	●	●	●	●	●	●	
	Low noise mode	●	●	●	●	●	●	
	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							
Convenience Features	Auto-off timer		○	○	○	○		
	Sleep timer	●	●	●	●	●	●	●
	Program timer	●	●	●	●	●	●	●
	Weekly timer		●	●	○	●	●	
	Weekly & Temperature setback timer		○	○	○	○		
	Filter sign		●	●	●	●	●	●
	External error output		○	○	○	○	○	
	External ON/OFF input		○	○	○	○	○	
	Wireless LAN control	●	○	○	○	○	○	○
	Multi system control						○	
Clean Features	Special cooling					●		
	Plasma air clean	●						
	Filter auto clean	●						
	Ion deodorization filter		●	●	○	●	●	
	Apple-catechin filter		●	●	○	●	●	
	Long-life filter							
Installation Support	Washable panel		●	●	●		●	●
	Silver Ion Filter		○	○	○	○	○	○
	Automatic airflow adjustment							
	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-RNRYZ5) 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 (Compact & Comfort)	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	ARXG09/12/14/18KLLAP	ARXG 12/14/18/22/24/30/36/45/54 KHTAP	ARXG22KMLB ARXG24/30/36/45KMLA	ARXG45/54KHTB	ARYG60LHTA	ARYG72/90LHTA	AGYG09/12/14KVCA	ABYG 18/22/24/30/36/45/54 KRTA
Energy-Saving Features	Dual-fan									
	Save Occupancy sensor									
	Save & Stop Occupancy sensor		○							
	Economy mode	●	●	●	●	●	●	●	●	●
	Setting temperature range limitation	○	●	○	●	○	○	○	●	○
	Set temperature auto return	●	●	●	●	●	○	○	●	○
Features for Comfort	Powerful heating									
	Power diffuser									
	Powerful mode								●	
	10°C Heat	●	○	○	○	○	○	○	●	○
	Low noise mode		○ (45/54)		○ (45/54)	○ (45) (36/LMLA)		○	●	○
	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		●							
Convenience Features	Auto-off timer	●	●	●	●	●	○	●	○	●
	Sleep timer	●	○	○	○	○	○	○	●	○
	Program timer	●	○	○	○	○	○	○	●	○
	Weekly timer	●	●	●	●	●	●	●	●	●
	Weekly & Temperature setback timer	○		●	●	●	●	●		
	Filter sign	●	●	●	●	●	●	●	●	●
	External error output		○		○		○	○	○	○
	External ON/OFF input	●	●	●	●	●	○	●	○	●
	Wireless LAN control	○	○	○	○	○	○	○	○	○
	Multi system control									
Clean Features	Special cooling									
	Plasma air clean									
	Filter auto clean									
	Ion deodorization filter								●	
	Apple-catechin filter								●	
	Long-life filter				○	○	○	○	○	○
Installation/Support	Washable panel									
	Silver Ion Filter	○	○	○	○	○	○	○	○	○
	Automatic airflow adjustment				●			●		
	Drain pump as standard	●	●	●	●	○		○		○
Blue fin		● (30/36/45/54)		● (30/36/45/54)	● (45)	●	●	●	● (30/36/45/54)	
Refrigerant cycle monitor										

*1 For details of Multi System Control function, refer to C-011.
 *2 Wired remote controller (UTY-RNRYZ5) is required to use Special Cooling function.

○: Optional function