

Light Commercial & Residential SPLIT & MULTI-SPLIT

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

An air conditioner that is people-friendly is also environment-friendly. Fujitsu General meets various needs for from living rooms and bedrooms to stores, small offices and hotels.

SPLIT

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

MULTI-SPLIT

- Refrigerant type R32 models
 - 2-unit to 5-unit Multi-split
 - Simultaneous Multi-split Twin/Triple
- Refrigerant type 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

- S-004 Split Overview
- S-006 Indoor Units Lineup
- S-008 Feature
- S-013 Feature Explanation
- S-050 ECO Series Lineup Specifications
- S-054 Feature Summary



Refrigerant type R32 models

Wall Mounted

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

Cassette

- S-030 Compact 4-way Flow Series – Compact & Comfort
- S-032 Circular Flow Series – Comfort for Large Room

Duct

- S-034 Slim Duct – Slim & Comfort
- 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 type 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 air conditioning system ideal for various customer applications and layout. Environment-friendly new refrigerant R32 models are added.



Wall Mounted, Designer Series, Cool Beauty Design



Ceiling



Wall Mounted

Installation work is simple and easy for wall mounted type. We have pursued airflow control and energy saving including our dual side fan equipped flagship models. At the same time, their flat and simple designs that match the interior are also attractive. We have a lineup with many models that have adopted the new environmentally friendly R32 refrigerant.



Duct

The main unit of this type cannot be seen, so your interior will feel clear. We have Mini Duct and Slim Duct models available to also enable installation in narrow spaces in beams or above the ceiling. For a large model suitable for air conditioning vast spaces, multiple outlets can be installed by only one unit. Therefore, these models are recommended for unusual room layout.



Cassette

Cassette type adapts to the interior. This type blows air in four directions to perform the air conditioning of entire spaces evenly. We have a variety of series including Compact models that have adopted a new design panel to match grid ceilings and Circular Flow models that deliver air in 360° directions.



Floor

Floor type with compact and slim design is suitable for installation in both residential and commercial. This model is recommended as heating device because it blows warm airflow from both above and below outlets.



Ceiling

Installation work is as easy as with wall mounted type. This model can be installed neatly because it has a thin design with a height of 240 mm. It delivers a powerful wind far away from a wide outlet. Therefore, this model is ideal for oblong rooms such as large meeting rooms and audiovisual rooms with 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	Flagship Series nocria X						ASYG12KXCA															
	Designer Series High Spec & Design			ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB															
	Designer Series Cool Beauty Design			ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B															
	Standard Series High Efficiency & Comfort			ASYG07KMCC*	ASYG09KMCC*	ASYG12KMCC*	ASYG14KMCC*															
	Standard Series High Efficiency & Large Room							ASYG18KMTB		ASYG24KMTB												
	Standard Series High Efficiency & Large Room										ASYG30KMTA	ASYG36KMTA										
	ECO Series Compact & Comfort			ASYG07KPCA	ASYG09KPCA	ASYG12KPCA																
	ECO Series Comfort for Large Room							ASYG18KLCA*		ASYG24KLCA*												
Cassette	Compact 4-way Flow Series Compact & Comfort				AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA												
	Circular Flow Series Comfort for Large Room		 18/22/24 30/36/45/54					AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB								
Duct	Slim Duct		 09/12/14 18		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP														
	Medium Static Pressure Duct Compact & Comfort		 12/14 18/22/24/30 36/45/54			ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP								
	Medium Static Pressure Duct Standard								ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA									
	High Static Pressure Duct																	ARXG45KHTA	ARXG54KHTA			
																			ARYG60LHTA			
	Big Duct																			ARYG72LHTA*	ARYG90LHTA*	
Floor Compact & Comfort					AGYG09KVCA	AGYG12KVCA	AGYG14KVCA															
Ceiling			 18/22 24/30 36/45/54						ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG54KRTA							

Feature

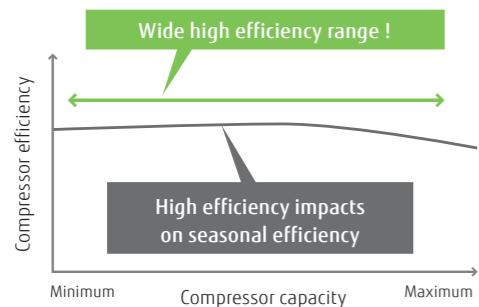
High Efficiency

ALL DC All DC Inverter Technology



DC twin rotary compressor

The high efficiency DC inverter type "2-cylinder rotary compressor" is used for our product ranges. It has achieved higher energy efficiency compared with similar compressors by optimizing the structure inside the compressor.



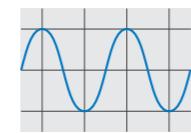
DC fan motor

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



Sine-wave DC inverter control

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



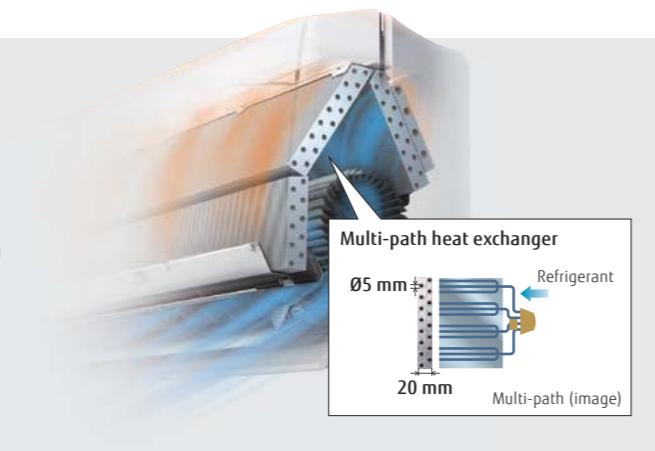
Heat Exchanger for Wall Mounted

High density multi-path heat exchanger

Heat exchange performance is substantially improved by thin and high-density heat exchanger and multi-path efficiency technology.

High performance sub-cool heat exchanger

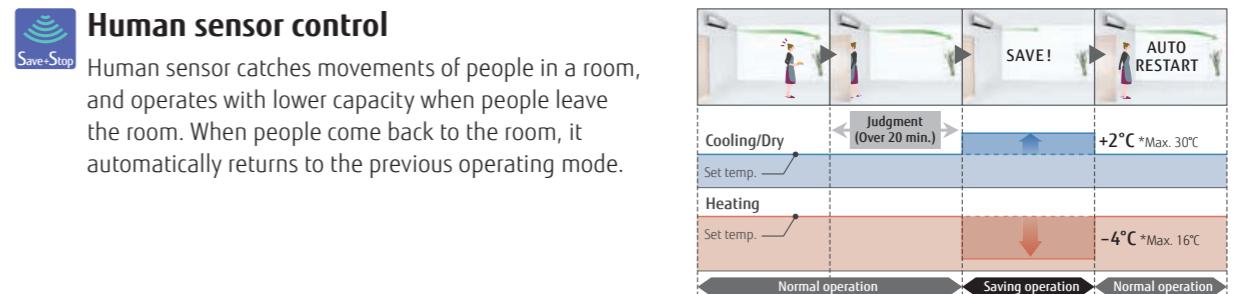
Higher performance achieved by mounting of counter type bypass circuit. (Large multi-split type, VRF)



High Energy Saving

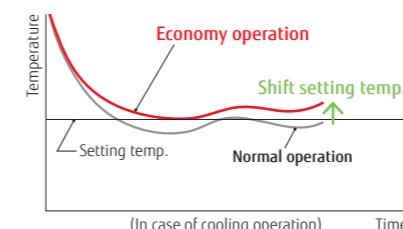
Human sensor control

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



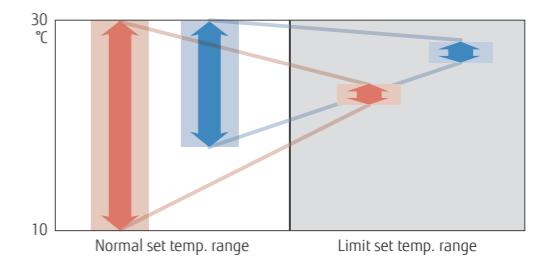
Economy operation

Limits the maximum operation current, and the power consumption is cut down and the maximum load is suppressed.



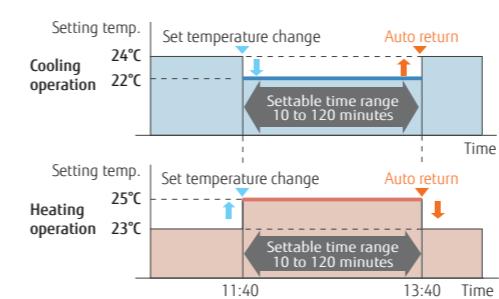
Room temperature set point limitation

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



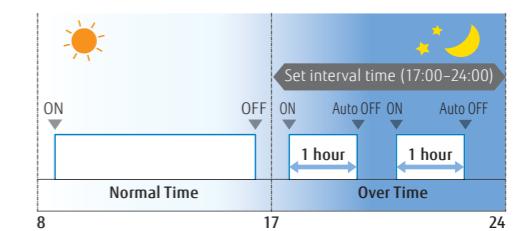
Set temperature auto return

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

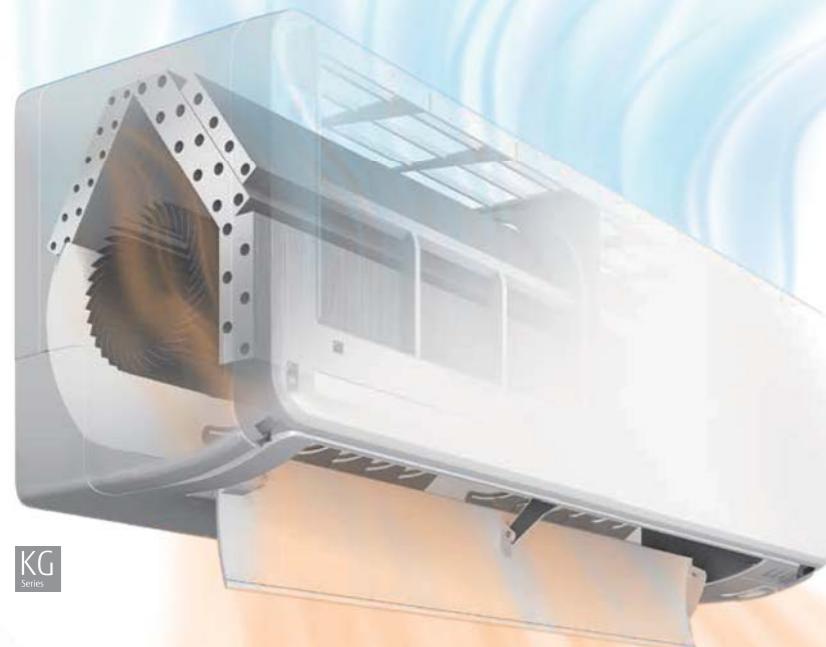


Auto-off timer

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



More Comfort

KG
Series

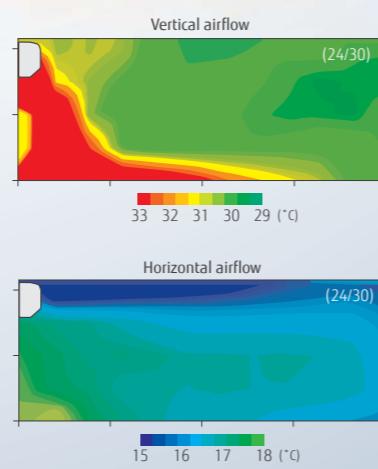
Powerful heating

High heating capacity is realized even at low outdoor temperature by mounting a large heat exchanger or large DC rotary compressor and developing high performance inverter PCB



Power diffuser

Precision wind direction control is realized and ventilation efficiency is also improved by 3 technologies. Our airflow control makes your environment more comfortable.

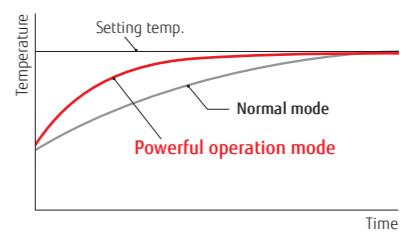


SPLIT



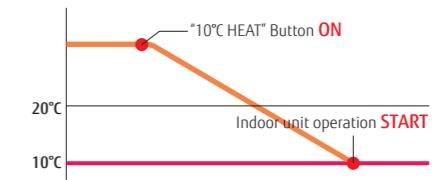
Powerful operation

Continuous operation by maximum airflow and maximum compressor speed after a certain period of time allows the temperature to reach the setting temp. quickly.



10°C Heat operation

When you leave, minimum heating operation is performed to maintain the room temperature. (Maintained at 10°C)



Uniform air conditioning

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



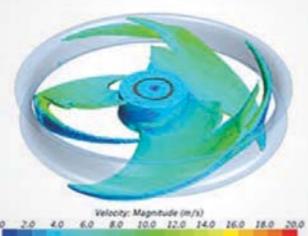
Quiet and Comfort Control



Low Noise Technology

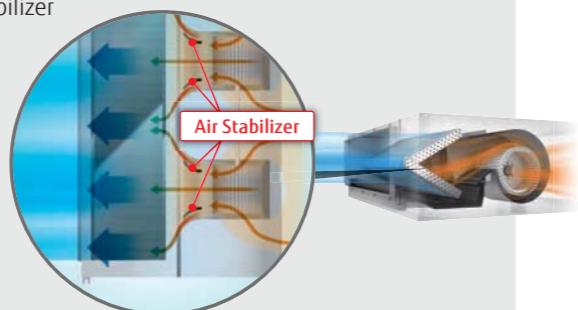
Outdoor unit fan

Outdoor unit fan design with little separation vortex, fan control to minimize the air volume and top class low noise



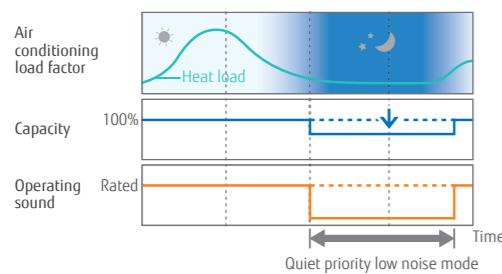
Air stabilizer in Duct

Low noise duct structure with a built-in air stabilizer



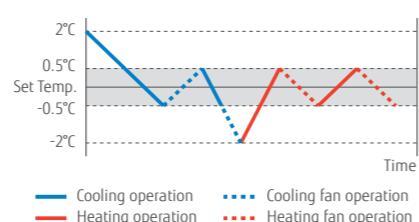
Outdoor unit low noise operation

Users can choose low noise levels, depending on the installation environment. The operation time can be set using the timer.



Auto-changeover function

At Auto setting, the cooling/heating mode is automatically switched according to the set temperature and room temperature.



Fresh air intake for Cassette, Duct, Ceiling

Fresh air can be taken in by a fan which can be connected using external control unit.



Feature Explanation

Energy Saving Function



Dual side fans

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



Economy mode

Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Save human sensor

Human sensor detects the movement of people in the room and judges whether the energy saving operation.



Room temperature set point limitation

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



Save & Stop human sensor

Human 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.

Comfortable Function



Powerful heating

Keeping the rated heating capacity even when the outdoor ambient temperature is -7°C.



Powerful mode

Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.



Auto-changeover

The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



Automatic fan speed

The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.



Fresh air intake

Fresh air can be taken in by a fan which can be connected using external control unit.



Power diffuser

An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.



10°C HEAT operation

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 flaps

The up/down flaps automatically swing 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 power supply is restored.



Connectable distributing duct

Systems are capable of attaching Locally purchased branch ducts distributing the airflow.



Server room operation

Interlock operation is possible by connecting 2 indoor units even in the low temperature.



Low noise mode

Sound noise level of outdoor unit can be selected.



Double swing automatic

Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.



Connectable fresh air duct

Outside air can be introduced by attaching Locally purchased duct to fresh air knockout and optional part.



Individual airflow direction control

Each louver of 4-way Cassette type can be controlled individually and provides comfortable airflow.

Convenient Function



Auto off timer

Automatically stops operation when a fixed time has elapsed from the start of operation.



Sleep timer

The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.



Weekly timer

Different ON-OFF times can be set for each day.



External error output



External ON/OFF input



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 lamp.



Wireless LAN control

The exclusive Wireless LAN adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Clean Function



Plasma air clean

The electrostatic precipitator removes dust particles such as pollens and house dust. It is washable and can be always maintained clean.



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.



Apple-catechin filter

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



Long life filter



Silver Ion Filter

The Silver ion filter helps to keep indoor air free from viruses, bacteria and molds.



Ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.



Washable panel

Since the front panel is easy to remove, maintenance is also easy.



Automatic airflow adjustment

Automatically detects required airflow in each application case and adjusts the volume.



Drain pump as standard



Blue fin



All DC models

Wall Mounted Flagship Series

nocria™ X



ALL DC



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



The 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



*2 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 is cleaned with an electric dust collecting technology. Pollen, house dust and other tiny pollutants are collected and removed with static electricity.



Human Sensor

The Human 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

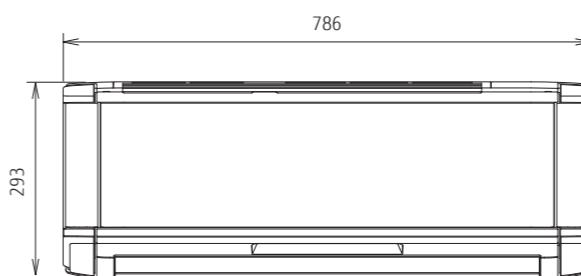


Specifications

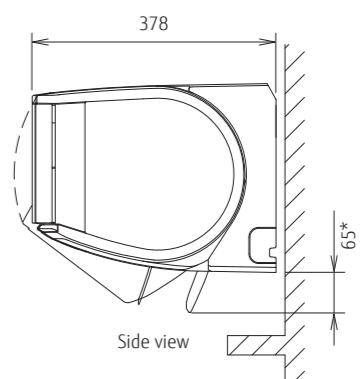
Model No.	Indoor unit		ASYG12KXCA
	Outdoor unit		
Power Source			Single phase, ~230V, 50Hz
Capacity	Cooling	kW	3.4 (0.6-5.3)
	Heating		5.0 (0.6-9.0)
Input Power	Cooling/Heating	kW	0.670/1.020
EER	Cooling		5.09
COP	Heating		4.90
Pdesign	Cooling/Heating(-10°C)	kW	3.4/3.5
SEER	Cooling		8.50
SCOP	Heating (Average)		5.10
Energy Efficiency Class	Cooling		A+++
	Heating (Average)		A+++
Max. Operating Current	Cooling/Heating	A	9.0/16.0
Annual Energy Consumption	Cooling	kWh/a	140
	Heating		961
Moisture Removal		l/h	1.2
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	46/42/38/28
	Indoor (Heating)	H/M/L/Q	48/43/39/30
Sound Power Level	Outdoor(Cooling/Heating)	High	44/43
	Indoor(Cooling/Heating)	High	58/62
Airflow Rate	Outdoor(Cooling/Heating)	High	57/57
	Indoor / Outdoor (Cooling)	High	670/2,230
Net Dimensions H x W x D	Indoor	mm	293 x 786 x 378
	Outdoor	mm	704 x 820 x 315
Weight	Indoor	kg(lbs)	20 (44)
	Outdoor	kg(lbs)	41 (90)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52
Drain hose Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	15 (15)
Max. Height Difference		m	10
Operating Range	Cooling	°CDB	-10 to 43
	Heating		-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)
	Charge	kg(CO2eq-T)	1.30 (0.878)

Dimensions

(Unit : mm)



Front view



Side view

*Dimensions in case of air flowing downward

Wall Mounted Designer Series

High Spec & Design

ALL
DC**High energy saving**

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

^{*1} Rank A+++
SEER 8.5 ^{*1} **SCOP 5.1** ^{*1}
*: 07, 09, 12 models

**Hybrid-heat exchanger**

The heat exchange efficiency has been significantly improved with the large hybrid heat exchanger, attaining the top-level SEER and SCOP.

**Ø107 Large cross-flow fan**

With the large-diameter fan, efficient air volume can be obtained at low power.

**Human sensor**

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

**Comfortable airflow & Silent operation**

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.

**Smart device Control (Option)**

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC.



Wireless LAN Interface
The exclusive Wireless LAN adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Model: ASYG07KGTB / ASYG09KGTB / ASYG12KGTB / ASYG14KGTB



Wireless R.C.

**Specifications**

Model No.	Indoor unit		ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
Power Source						
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.5)	4.2 (0.9-4.5)
	Heating		2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	5.4 (0.9-6.4)
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling	W/W	5.00	4.50	4.22	3.57
COP	Heating		5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	8.52	8.52	8.51	7.11
SCOP	Heating (Average)		5.12	5.11	5.10	4.31
Energy Efficiency Class	Cooling		A+++	A+++	A++	A++
	Heating (Average)		A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	82	103	140	207
	Heating		628	658	685	1,298
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/21	42/36/31/21	42/38/33/21	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
Airflow Rate	Indoor / Outdoor (Cooling)	High	650/1,610	700/1,610	700/1,680	770/1,680
	Indoor / Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580
Net Dimensions	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.)			11.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)		m	20 (15)			
Max. Height Difference			15			
Operating Range	Cooling	°CDB	-10 to 46			
	Heating		-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg(CO ₂ eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

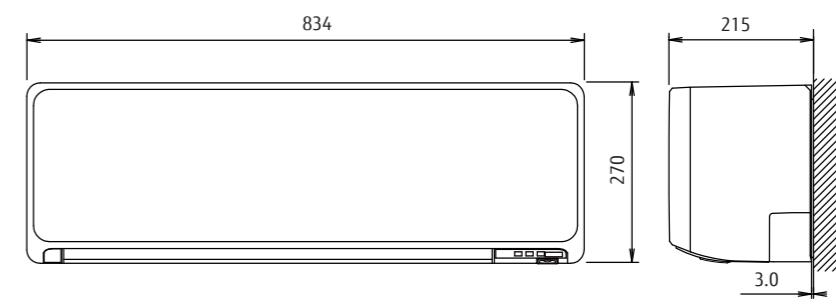
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRY1	External Switch Controller:	UTY-TERX	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZS	Wireless LAN Interface:	UTY-TFSXW1	Network Convertor 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-XCSZ2		
Simple Remote Controller:	UTY-RSRY	External Connect Kit:	UTY-XWZX		

Dimensions

(Unit : mm)



Wall Mounted Designer Series

Cool Beauty Design



ALL DC



Cool Beauty Design

What we aim is a well-designed air conditioner especially for Europe. It is different from Japanese one harmonized with its surroundings and it appeals comfortable elegant feeling in the room. Light-elegant and three-dimensional expression composed of curved surface is beautiful from anywhere.



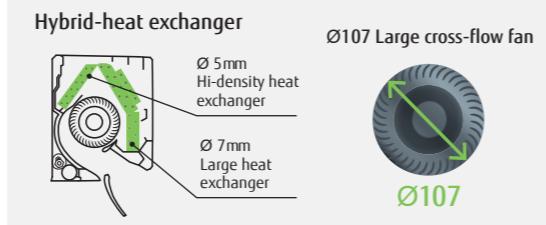
CMF : COLOR MATERIAL FINISH

The texture of the front panel expresses craftsmanship existing in Europe. The texture changes the expression by the changing light of the day.

High energy saving

Rank	Cooling*1	SEER	7.4	SCOP	4.4
	A++ Heating*2	*1: 07/09 models		A+	*2: 12 model

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



Comfortable airflow & Silent operation

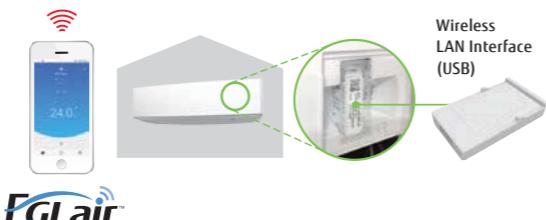
The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



Smart Device control (option)

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

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



Model: ASYG07KETA / ASYG09KETA / ASYG12KETA / ASYG14KETA
ASYG07KETA-B / ASYG09KETA-B / ASYG12KETA-B / ASYG14KETA-B



Wireless R.C.

For ASYG07/09/12KETA
ASYG07/09/12KETA-BFor ASYG14KETA
ASYG14KETA-B

Specifications

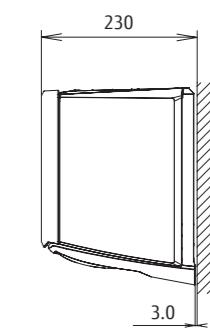
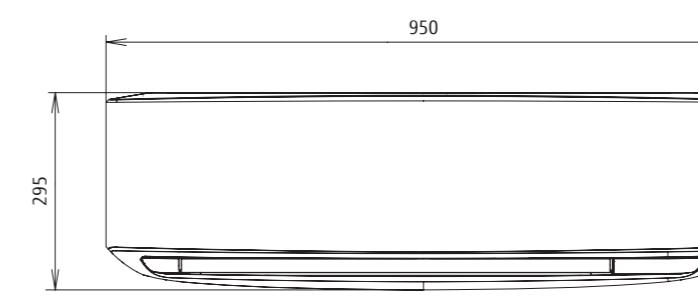
Model No.	Indoor unit		ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B
	Outdoor unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
Power Source						
Capacity	Cooling	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 4.4)	4.2 (0.9 - 4.4)
	Heating		2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
Input Power	Cooling/Heating	kW	0.450 / 0.555	0.630 / 0.620	0.935 / 0.960	1.220 / 1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating(-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		7.40	7.40	7.30	6.9
SCOP	Heating (Average)	W/W	4.10	4.10	4.40	4.1
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating		785	819	795	1,367
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38 / 33 / 29 / 20	40 / 34 / 29 / 20	40 / 35 / 30 / 20	43 / 36 / 30 / 20
	Indoor (Heating)	H/M/L/Q	41 / 35 / 31 / 22	42 / 36 / 31 / 22	42 / 39 / 33 / 24	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)	m³/h	650 / 1,650	700 / 1,650	700 / 1,700	770 / 1,680
	Indoor / Outdoor (Heating)		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(25)
	Outdoor	kg(lbs)	23(51)	23(51)	25(55)	31(68)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain hose Diameter (I.D./O.D.)		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		-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(CO ₂ eq-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, please refer to the optional parts compatibility list page C-046.						
Compact Wired Remote Controller:	UTY-RCRY1	Communication Kit:	UTY-TWRXZ2	Network Convertor for single split (DC power supply type):	UTY-VTGX	
Wired Remote Controller (Touch Panel):	UTY-RNRYZS	External input and output PCB:	UTY-XCSXZ2	Network Convertor 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	External Switch Controller:	UTY-TERX			
Simple Remote Controller:	UTY-RSRY	Wireless LAN Interface:	UTY-TFSXF2			

Dimensions

(Unit : mm)



Wall Mounted Standard Series

High Efficiency & Comfort



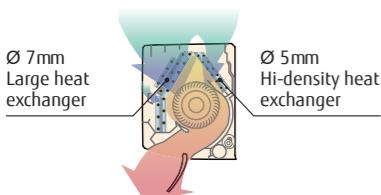
ALL DC



Slim & stylish square design

Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.

Hybrid-heat exchanger



High energy saving

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



Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



Smart device Control (Option)

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC.



Wireless LAN Interface
The exclusive Wireless LAN adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Model: ASYG07KMCC / ASYG09KMCC / ASYG12KMCC / ASYG14KMCC



Wireless R.C.

For ASYG07/09/12KMCC For ASYG14KMCC

Specifications

Model No.	Indoor unit		ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
	Outdoor unit		AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC
Power Source						
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-4.4)	4.2 (0.9-4.4)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating		785	819	795	1367
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	46/46	50/50	50/50
	Indoor(Cooling/Heating)	High	54/56	55/57	55/58	57/59
Airflow Rate	Outdoor(Cooling/Heating)	High	61/61	61/62	65/65	65/66
	Indoor / Outdoor (Cooling)	High	650/1,650	700/1,650	700/1,700	770/1,680
Net Dimensions	Indoor	mm	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)		mm	6.35/9.52	6.35/9.52	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	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)
	Cooling		-10 to 46	-10 to 46	-10 to 46	-10 to 46
Max. Height Difference	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(CO ₂ eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

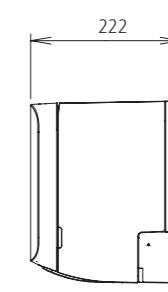
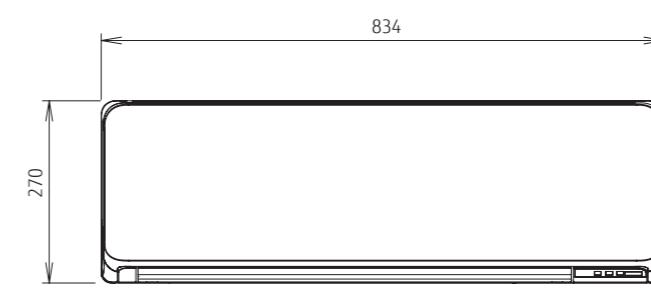
Optional parts

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

Wired Remote Controller:	UTY-RNNYM	Wireless LAN Interface:	UTY-TFSXW1
	UTY-RVNYM	External Switch Controller:	UTY-TERX
Simple Remote Controller:	UTY-RSNYM	Network Convertor for single split (DC power supply type):	UTY-VTGX
External connect kit:	UTY-XWZXZ5	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Communication kit:	UTY-TWBXF2	Silver Ion filter:	UTR-FA16-5

Dimensions

(Unit : mm)



Wall Mounted Standard Series

High Efficiency & Large Room



ALL DC



High energy saving

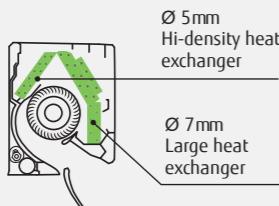
Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

Rank^{*1}
Cooling A++
Heating A+

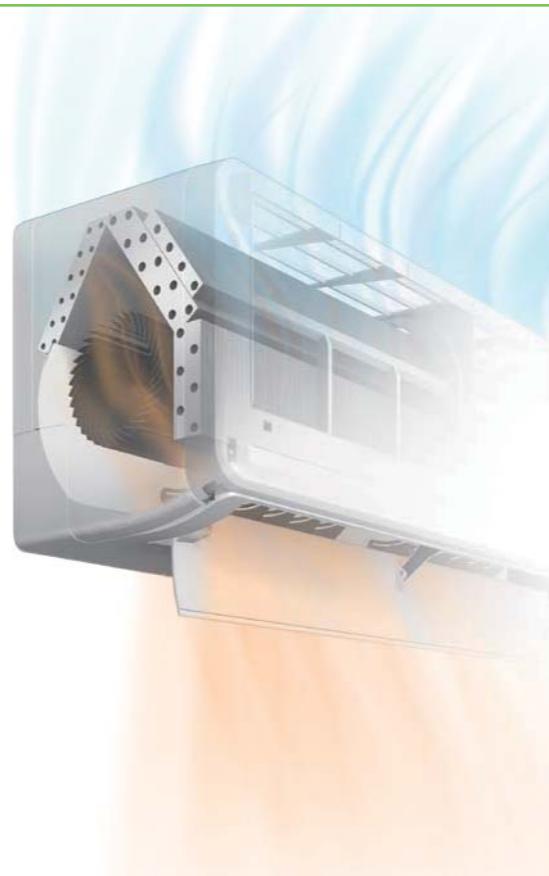
SEER 7.7^{*1} SCOP 4.5^{*1}

^{*1: 18 model}

Hybrid-heat exchanger
The heat exchange efficiency has been significantly improved with the large hybrid heat exchanger, attaining the top-level SEER and SCOP.

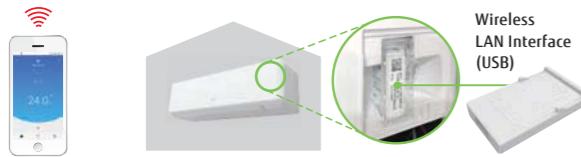


Ø107 Large cross-flow fan
With the large-diameter fan, efficient air volume can be obtained at low power.

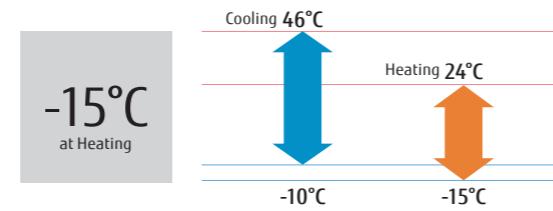


Smart device Control (Option)

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



Low ambient operation



Model: ASYG18KMTB / ASYG24KMTB



For ASYG18KMTB

For ASYG24KMTB

Specifications

Model No.	Indoor unit		ASYG18KMTB	ASYG24KMTB
	Outdoor unit		AOYG18KMTA	AOYG24KMTA
Power Source			Single phase, ~230V, 50Hz	
Capacity	Cooling	kW	5.2(0.9-6.0)	7.1(0.9-8.3)
	Heating		6.3(0.9-8.7)	8.0(0.9-10.1)
Input Power	Cooling/Heating	kW	1.39/1.56	2.08/1.91
EER	Cooling		3.74	3.41
COP	Heating		4.04	4.19
Pdesign	Cooling/Heating(-10°C)	kW	5.2/4.8	7.1/7.1
SEER	Cooling		7.77	7.28
SCOP	Heating (Average)		4.56	4.18
Energy Efficiency Class	Cooling		A++	A++
	Heating (Average)		A+	A+
Max. Operating Current	Cooling/Heating	A	9.5/13.5	13.5/16.0
Annual Energy Consumption	Cooling	kWh/a	234	341
	Heating		1,472	2,372
Moisture Removal		l/h	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
	Indoor(Cooling/Heating)	High	60/61	65/65
Airflow Rate	Outdoor(Cooling/Heating)	High	65/65	67/66
	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)		mm	6.35 / 12.70	6.35 / 12.70
Drain hose Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	25(15)	30(15)
Max. Height Difference		m	20	25
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)
	Charge	kg(CO ₂ eq-T)	1.02(0.689)	1.32(0.891)

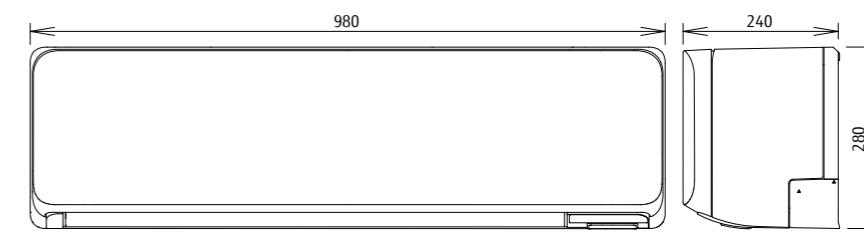
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	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-XCSZ2	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	Wireless LAN Interface:	UTY-TFSXF2	
Simple Remote Controller:	UTY-RSRY	External Switch Controller:	UTY-TERX	

Dimensions

(Unit : mm)



Wall Mounted Standard Series

High Efficiency & Large Room



ALL DC



Small and light weight outdoor unit

This model is much more compact than conventional outdoor unit.
It can be installed in a narrow place.



Human sensor

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



Adopting new refrigerant R32

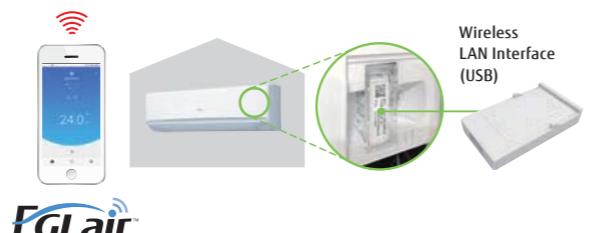
R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than other refrigerant currently available on the market.



Smart Device control (Option)

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

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



Model: ASYG30KMTA / ASYG36KMTA



Wireless R.C.

Specifications

Model No.	Indoor unit		ASYG30KMTA	ASYG36KMTA
	Outdoor unit		AOYG30KMTA	AOYG36KMTA
Power Source				Single phase, ~230V, 50Hz
Capacity	Cooling	kW	8.0 (2.9-9.0)	9.4 (2.9-10.0)
	Heating		8.8 (2.2-11.0)	10.1 (2.7-11.2)
Input Power	Cooling/Heating	kW	2.33/2.20	3.16/2.73
EER	Cooling		3.43	2.97
COP	Heating		4.00	3.70
Pdesign	Cooling/Heating (-10°C)	kW	8.0/6.5	9.4/7.1
SEER	Cooling		6.67	6.14
SCOP	Heating (Average)		4.54	4.52
Energy Efficiency Class	Cooling		A++	A++
	Heating (Average)		A+	A+
Max. Operating Current	Cooling/Heating	A	21.0/21.0	21.5/21.5
Annual Energy Consumption	Cooling	kWh/a	419	535
	Heating		2,001	2,198
Moisture Removal		l/h	2.6	3.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	50/44/40/33	50/44/40/33
	Indoor (Heating)	H/M/L/Q	49/44/39/33	49/44/39/33
Sound Power Level	Outdoor(Cooling/Heating)	High	53/55	55/55
	Indoor(Cooling/Heating)	High	65/65	65/65
Airflow Rate	Outdoor(Cooling/Heating)	High	68/69	70/70
	Indoor / Outdoor (Cooling)	High	1,330/3,750	1,330/3,750
Net Dimensions H x W x D	Indoor	mm	340 × 1,150 × 280	340 × 1,150 × 280
	Outdoor	mm	788 × 940 × 320	788 × 940 × 320
Weight	Indoor	kg(lbs)	18.5(41)	18.5(41)
	Outdoor	kg(lbs)	52.0(115)	52.0(115)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	50(30)	50(30)
Max. Height Difference		m	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32(675)	R32(675)
	Charge	kg(CO ₂ eq-T)	1.90(1.283)	1.90(1.283)

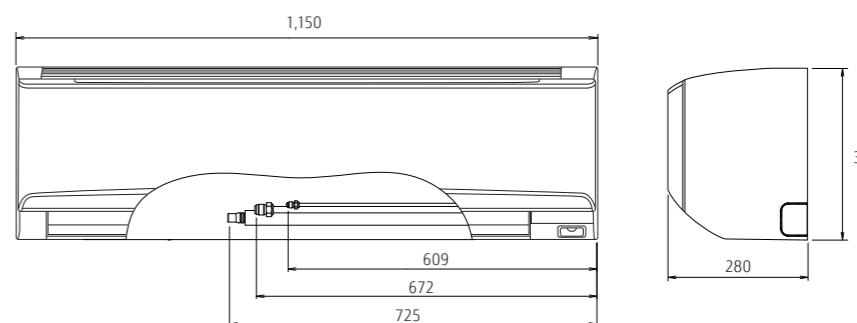
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRY1	External Connect Kit:	UTY-XWZX5	Network Convertor for single split (DC power supply type): UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ5	External Input and Output PCB:	UTY-XCSX2	Network Convertor for single split (AC power supply type): UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	Communication Kit:	UTY-TWRXZ2	Silver Ion Filter:
Simple Remote Controller (Without operation mode):	UTY-RHRY	Wireless LAN Interface:	UTY-TFSXF2	UTR-FA13-3
Simple Remote Controller:	UTY-RSRY	External Switch Controller:	UTY-TERX	

Dimensions

(Unit : mm)



Wall Mounted ECO Series Compact & Comfort

ALL
DC

Slim & stylish square design

Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.



High energy saving

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



SEER 6.7^{*1} **SCOP 4.1^{*2}**

^{*1:07/09 models}^{*2: 12 model}

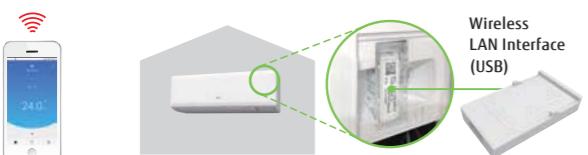
Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.

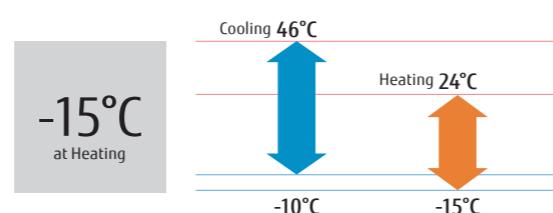


Smart device Control (Option)

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



Low ambient operation



Model: ASYG07KPCA / ASYG09KPCA / ASYG12KPCA



Specifications

Model No.	Indoor unit		ASYG07KPCA	ASYG09KPCA	ASYG12KPCA
	Outdoor unit		AOYG07KPCA	AOYG09KPCA	AOYG12KPCA
Power Source					
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.7)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating	kW	0.48/0.63	0.71/0.79	1.00/1.14
EER	Cooling		4.17	3.52	3.40
COP	Heating		3.97	3.54	3.33
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.2	2.5/2.4	3.4/2.5
SEER	Cooling		6.70	6.70	6.30
SCOP	Heating (Average)		4.00	4.00	4.10
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	104	131	189
	Heating		769	840	853
Moisture Removal		I/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/38/31/22	45/38/31/22	46/40/33/22
	Indoor (Heating)	H/M/L/Q	45/40/36/26	45/40/36/26	46/40/35/27
Sound Power Level	Outdoor(Cooling/Heating)	High	45/46	47/47	49/51
	Indoor(Cooling/Heating)	High	57/58	58/58	59/59
Airflow Rate	Outdoor(Cooling/Heating)	High	57/58	59/59	62/62
	Indoor / Outdoor (Cooling)	High	580/1,650	580/1,650	630/1,700
Net Dimensions H x W x D	Indoor	mm	270 × 784 × 224	270 × 784 × 224	270 × 784 × 224
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor	kg(lbs)	8(18)	8(18)	8(18)
	Outdoor	kg(lbs)	23 (51)	23 (51)	25 (55)
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	11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO ₂ eq-T)	0.55 (0.371)	0.55 (0.371)	0.59 (0.398)

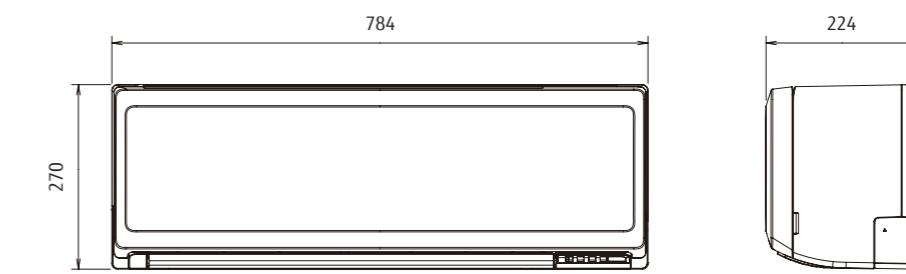
Optional parts

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

Wireless LAN Interface: UTY-TFSXF2
Remote Controller Holder Kit: UTZ-RXLA
Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit : mm)



Wall Mounted ECO Series

Comfort for Large Room

ALL
DC

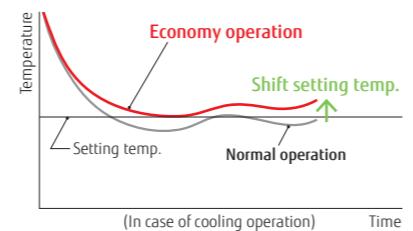
Narrow width & Compact Design

High performance and compact design model. Powerful airflow is realized despite 790 mm width compact design for compact spaces such as bed room or home office.



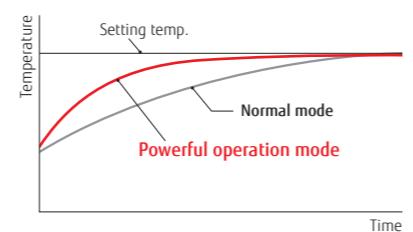
Economy operation

Setting temperature is shifted by 1°C automatically. Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Powerful operation

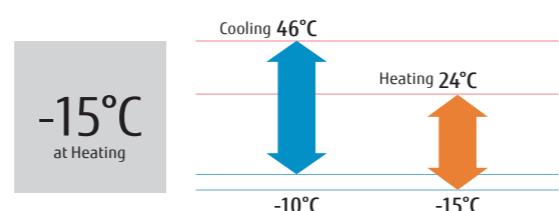
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



ON-OFF Programmable timer

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

Low ambient operation



Model: ASYG18KLCA / ASYG24KLCA



Wireless R.C.



For ASYG18KLCA



For ASYG24KLCA

Specifications

Model No.	Indoor unit		ASYG18KLCA	ASYG24KLCA
	Outdoor unit		AOYG18KLCA	AOYG24KLCA
Power Source			Single phase, ~230V, 50Hz	
Capacity	Cooling	kW	5.2(0.9~5.5)	7.1(0.9~7.7)
	Heating		6.3(0.6~7.6)	8.0(0.9~9.0)
Input Power	Cooling/Heating	kW	1.685/1.80	2.42/2.225
EER	Cooling	W/W	3.09	2.93
COP	Heating		3.50	3.60
Pdesign	Cooling/Heating(-10°C)	kW	5.20/4.80	7.10/7.10
SEER	Cooling	W/W	7.20	7.10
SCOP	Heating (Average)		4.30	4.00
Energy Efficiency Class	Cooling		A++	A++
	Heating (Average)		A+	A+
Max. Operating Current	Cooling/Heating	A	9.5/13.5	13.5/17.5
Annual Energy Consumption	Cooling	kWh/a	253	350
	Heating		1563	2485
Moisture Removal		l/h	1.9	3.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	47/44/40/35	51/45/38/33
	Indoor (Heating)	H/M/L/Q	50/45/41/37	52/45/41/37
	Outdoor(Cooling/Heating)	High	50/56	55/57
Sound Power Level	Indoor(Cooling/Heating)	High	60/65	64/65
	Outdoor(Cooling/Heating)	High	61/66	65/67
Airflow Rate	Indoor / Outdoor (Cooling)	High	865/1,830	1,040/2,885
	Indoor / Outdoor (Heating)	High	995/2,265	1,040/3,030
Net Dimensions H x W x D	Indoor	mm	293 x 790 x 249	293 x 790 x 249
	Outdoor	mm	542 x 799 x 290	632 x 799 x 290
Weight	Indoor	kg(lbs)	9.5 (21)	10.0 (22)
	Outdoor	kg(lbs)	33 (73)	38 (84)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70
Drain hose Diameter (I.D./O.D.)		mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	25 (15)	30 (15)
Max. Height Difference		m	20	25
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32(675)	R32(675)
	Charge	kg(CO2eq-T)	0.85(0.574)	1.10(0.743)

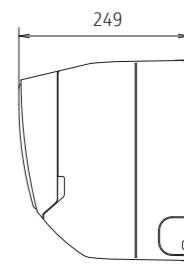
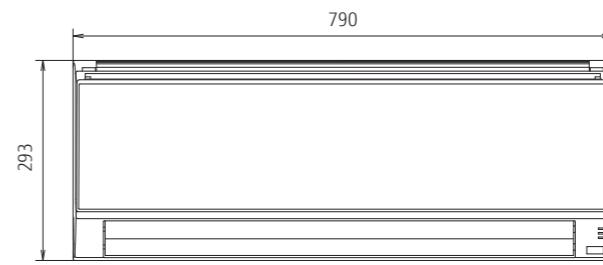
Optional parts

Silver Ion Filter: UTR-FA16-5

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

Dimensions

(Unit : mm)



Compact Cassette

Compact 4-way Flow Series

Compact & Comfort



ALL DC



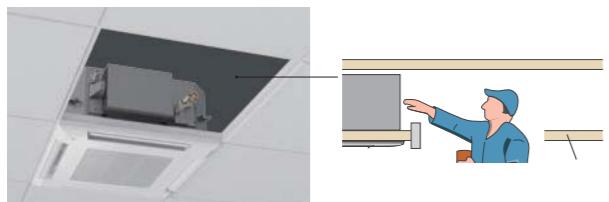
Compact and stylish panel design

Compact and stylish panel design fits the grid type ceiling. It is a linear design suitable for grid shape of 620 mm × 620 mm grid ceiling.



Easy maintenance

Maintenance is easier by removing the ceiling panel next to the grill, maintenance can be done, and new installation of inspection hole is unnecessary, so construction costs can be suppressed.

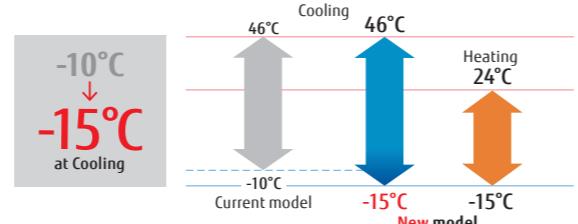


Flexible installation

It is suitable for ceiling of grid type and it has high degree of freedom of installation and it can be installed beside lighting and ventilation opening.



Low ambient operation



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



For AUXG9/12/14KVLA

For AUXG18/22KVLA

For AUXG24KVLA

Specifications

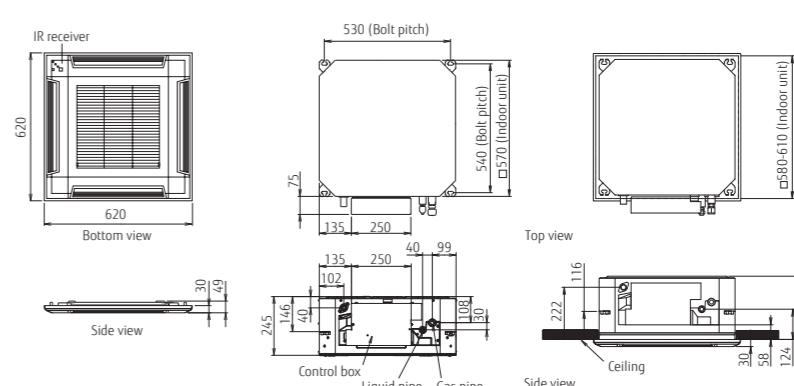
Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB
Power Source								
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)
	Heating		3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)
Input Power	Cooling/Heating	kW	0.55/0.79	0.93/1.08	1.28/1.32	1.60/1.66	1.82/1.87	2.21/2.03
EER	Cooling	W/W	4.57	3.76	3.36	3.25	3.30	3.08
COP	Heating		4.05	3.80	3.79	3.61	3.74	3.69
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0
SEER	Cooling		6.70	6.60	6.50	6.60	6.60	6.10
SCOP	Heating (Average)		4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.9/7.9	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	131	186	231	275	318	390
	Heating		826	1,106	1,208	1,466	1,562	2,097
Moisture Removal		l/h	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	47/47	49/49	50/50	51/51	53/54
	Indoor(Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61
Airflow Rate	Indoor / Outdoor (Cooling)	High	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
	Indoor / Outdoor (Heating)	High	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
Net Dimensions H x W x D	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
Weight	Indoor	kg(lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
	Outdoor	kg(lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)
Connection Pipe Diameter (Liquid / Gas)	Liquid	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
	Gas	mm	25/32	25/32	25/32	25/32	25/32	25/32
Drain hose Diameter (I.D./O.D.)	I.D.	mm	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
	O.D.	mm	25 (15)	25 (15)	25 (15)	20	25	25
Max. Pipe Length (Pre-Charge)		m	15	20	20	20	25	25
			-15 to 46					
Max. Height Difference	Cooling	°CDB	-15 to 46					
	Heating		-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	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
	Dimensions (H × W × D)	mm	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620
Cassette Grille	Weight	kg(lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)

Optional parts

Compact Wired Remote Controller:	UTY-RCRY1	Wireless Remote Controller:	UTY-LNTY	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ5	External Switch Controller:	UTY-TERX	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	Wireless LAN Interface:	UTY-TFSX21	Insulation Kit For High Humidity:	UTZ-KXGC
	UTY-RNNYRM	FJ-RC-WIFI-1	UTY-YDZB	External input and output PCB:	UTY-XCSX
	UTY-RVNYM	External Connect Kit:	UTY-XWZXGZ	External input and output PCB Box:	UTZ-GXRA
Simple Remote Controller (Without operation mode):	UTY-RHRY	Cassette Grille:	UTG-UFYF-W	Silver Ion Filter:	UTD-HFAA
Simple Remote Controller:	UTY-RSRY	Fresh Air Intake Kit:	UTZ-VXAA		
	UTY-RSNYM				

Dimensions

(Unit : mm)



Cassette

Circular Flow Series

Comfort for Large Room



Unique Circular Flow design

Cassette type realizes Circular Flow to blow large airflow in 360° direction by mounting high performance DC fan motor, turbo fan and unique seamless airflow louver design.

Individual louver control

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

*Touch Panel Wired RC (UTY-RNRYZ5)only

Compact and lightweight outdoor unit

45/54 models outdoor unit was changed completely. Easier installation was realized by compact and lightweight outdoor unit.



Various Cassette Grille

Both, black and white color grilles are available.
There are three types: white color grille with
Remote Controller, only white color grille and
only black color grille.
Selectable according to 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]



For AUXG18/22KRLB For AUXG24KRLB For AUXG30/36KRLB For AUXG45/54KRLB

Specifications

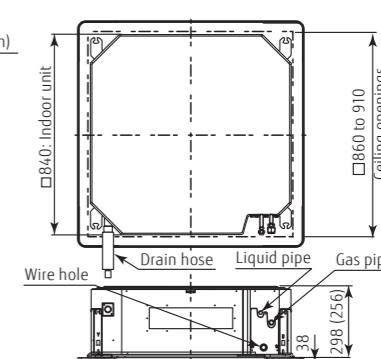
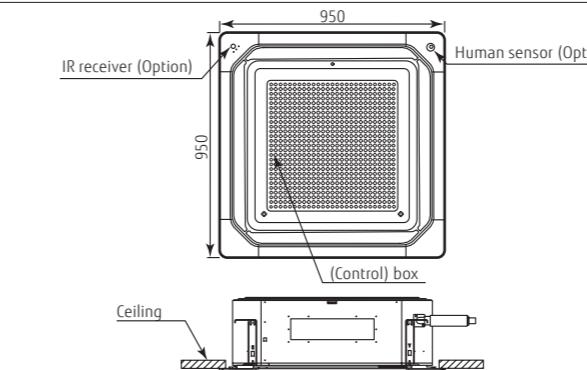
*1: IR Receiver kit and human sensor kit cannot be connected.

Optional parts

Compact Wired Remote Controller:	UTY-RCRZY1	Wireless LAN Interface:	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 Convertor for single split (DC power supply type):	UTY-VTGX
Simple Remote Controller (Without operation mode):	UTY-RHRY	Fresh Air Intake Kit:	UTZ-VXRA	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Simple Remote Controller:	UTY-RSRY	Wide Panel:	UTG-AKXA-W	Silver Ion Filter:	UTD-HFRA
	UTY-RSNYM	Panel Spacer:	UTG-BKXA-W		
Human Sensor Kit:	UTY-SHZXC	IR Receiver Unit	UTY-LBTYC	(Outdoor unit 30/36/45/54)	
External Switch Controller:	UTY-TERX	External Connect Kit:	UTY-XWZXZG	External Connect Kit:	UTY-XWZXZ3

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

Dimensions



() : AUXG18/22/24KRLB

High Static Pressure Duct



Easy installation (Compact size & Lightweight)

A compact size and lightweight indoor unit & outdoor unit has been developed by reducing the basic chassis and the overall material weight.

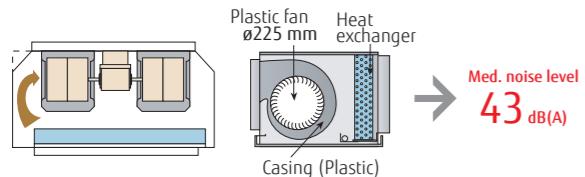


Design also corresponding to high static pressure

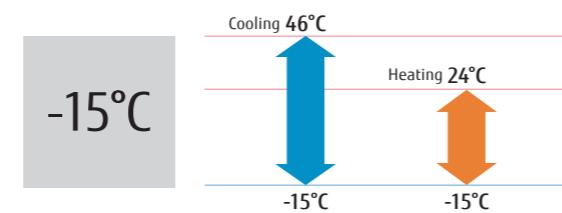


Low noise

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



Low ambient operation



Model : ARXG45KHTA / ARXG54KHTA
ARXG45KHTA [3 phase] / ARXG54KHTA [3 phase]



Specifications

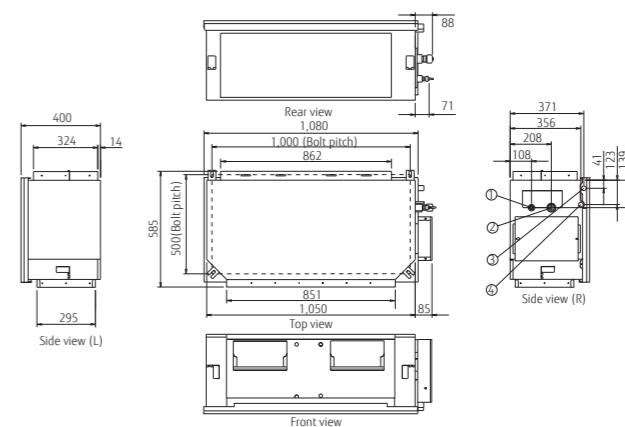
Model No.	Indoor unit		ARXG45KHTA	ARXG54KHTA	ARXG45KHTA	ARXG54KHTA
	Outdoor unit		AOYG45KBTB	AOYG54KBTB	AOYG45KRTA	AOYG54KRTA
Power Source			Single phase, ~230V, 50Hz			
Capacity	Cooling	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)		
	Heating		13.5 (5.0-16.2)	15.5 (5.5-18.0)		
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18		
EER	Cooling	W/W	2.91	2.81		
COP	Heating		3.74	3.71		
Pdesign	Cooling/Heating(-10°C)	kW	-	-		
SEER	Cooling		-	-		
SCOP	Heating		-	-		
Energy Efficiency Class	Cooling		-	-		
	Heating		-	-		
Max. Operating Current	Cooling/Heating	A	28.5/28.5	28.5/28.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	-	-	-	-
	Heating		-	-	1.5	2.0
Moisture Removal		l/h	1.5	2.0	47/43/40	47/43/40
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	57/57	57/59	57/57	57/59
	Outdoor(Cooling/Heating)	High	75/74	75/74	75/74	75/74
Sound Power Level	Indoor(Cooling/Heating)	High	71/71	73/73	71/71	73/73
	Outdoor(Cooling/Heating)	High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Airflow Rate	Indoor / Outdoor (Cooling)	m³/h	3,350/4,450	3,350/4,450	100 to 250 (100)	100 to 250 (100)
	Indoor / Outdoor (Heating)		3,350/4,450	3,350/4,450	400 × 1,050 × 500	400 × 1,050 × 500
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	998 × 940 × 320	998 × 940 × 320
Net Dimensions H x W x D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500	46 (101)	46 (101)
	Outdoor	mm	998 × 940 × 320	998 × 940 × 320	67 (148)	67 (148)
Weight	Indoor	kg(lbs)	46 (101)	46 (101)	9.52/15.88	9.52/15.88
	Outdoor	kg(lbs)	67 (148)	67 (148)	23.4/25.4	23.4/25.4
Connection Pipe Diameter (Liquid / Gas)		mm	50 (30)	50 (30)	30	30
Drain hose Diameter (I.D./O.D.)		mm	30	30	-15 to 46	-15 to 46
Max. Pipe Length (Pre-Charge)		m	100 to 250 (100)	100 to 250 (100)	-15 to 24	-15 to 24
Max. Height Difference			100 to 250 (100)	100 to 250 (100)	R32 (675)	R32 (675)
Operating Range	Cooling	°CDB	100 to 250 (100)	100 to 250 (100)	2.70(1.823)	2.70(1.823)
	Heating		100 to 250 (100)	100 to 250 (100)	2.70(1.823)	2.70(1.823)
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)		
	Charge	kg(CO ₂ eq-T)	2.70(1.823)	2.70(1.823)		

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

Wired Remote Controller:	UTY-RNNYM	External Connect Kit:	UTD-EC55A	Network Convertor for single split (DC power supply type):	UTY-VTGX
	UTY-RVNYM	UTY-XSZX	UTD-VTGX	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Simple Remote Controller:	UTY-RSNYM	Long-Life Filter:	UTD-LF60KA		
Wireless LAN Interface:	UTY-TFNXZ1	External Switch Controller:	UTY-TERX	(Outdoor unit 45/54)	UTY-XWZXZ3
	FJ-RC-WIFI-1	Silver Ion Filter:	UTD-HFKB	External Connect Kit:	

Dimensions

(Unit : mm)



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

High Static Pressure Duct



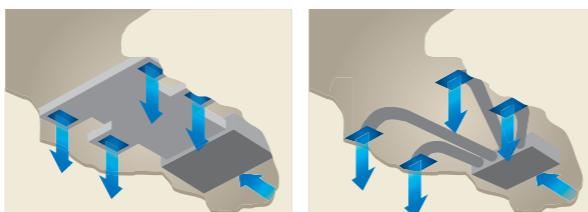
ALL DC
(60)



High energy efficiency

Significantly greater efficiency is realized by using all DC inverter technology. (60 model)

Design also corresponding to high static pressure



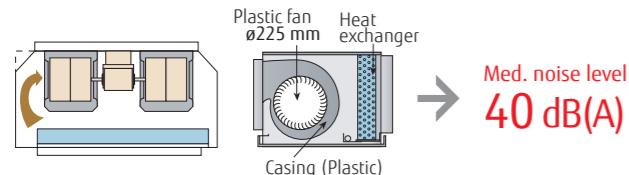
Easy installation (Compact size & Lightweight)

A compact size and lightweight indoor unit has been developed by reducing the basic chassis and the overall material weight.

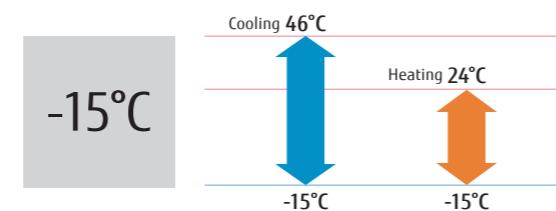


Low noise

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



Low ambient operation



Model : ARYG60LHTA [3 phase]



Wired R.C.



Specifications

Model No.	Indoor unit		ARYG60LHTA
	Outdoor unit		
Power Source			3 phase, -400V, 50Hz
Capacity	Cooling	kW	15.0 (6.2-17.5)
	Heating		18.0 (6.2-20.0)
Input Power	Cooling/Heating	kW	4.70/5.15
EER	Cooling		3.19
COP	Heating		3.50
Max. Operating Current	Cooling/Heating	A	12.5 /12.5
Moisture Removal		I/h	2.0
	Indoor (Cooling)	H/M/L/Q	45/40/36/-
Sound Pressure	Indoor (Heating)	H/M/L/Q	45/40/36/-
	Outdoor(Cooling/Heating)	High	56/58
Airflow Rate	Indoor / Outdoor (Cooling)	High	3,550/6,900
	Indoor / Outdoor (Heating)	High	3,550/7,300
Static pressure range (Standard)		Pa	60 to 260 (60)
Net Dimensions	Indoor	mm	425 x 1,250 x 490
H x W x D	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	9.52/15.88
Drain hose Diameter (I.D./O.D.)			23.4/25.4
Max. Pipe Length (Pre-Charge)		m	75 (30)
Max. Height Difference			30
Operating Range	Cooling	°CDB	-15 to 46
	Heating		-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)
	Charge	kg(CO2eq-T)	3.45 (7.204)

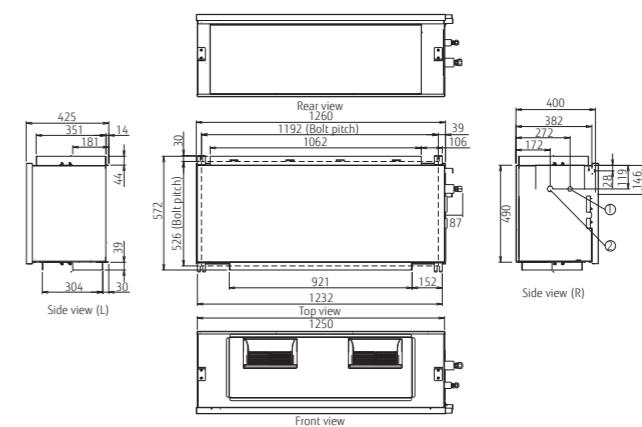
Optional parts

Wired Remote Controller:	UTY-RNNYM	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller:	UTY-RVNYM	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Simple Remote Controller:	UTY-RSNYM	External Connect Kit:	UTD-ECSA
External Switch Controller:	UTY-TERX	IR Receiver Unit:	UTY-LRHYM
Wireless LAN Interface:	UTY-TFNXZ1		
	FJ-RC-WIFI-1	(Outdoor unit AOG60LATT)	
Remote Sensor Unit:	UTY-XSZX	External Connect Kit:	UTY-XWZXZ2

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

Dimensions

(Unit : mm)



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

Big Duct

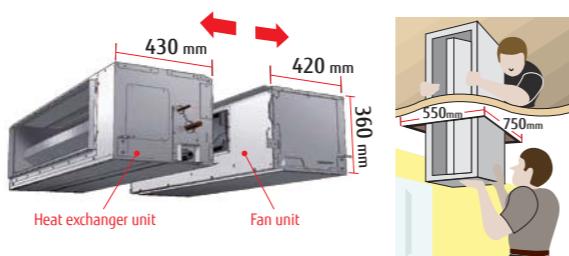


ALL DC



Separation is possible by lightweight compact design

The indoor unit can be separated into fan unit and heat-exchanger unit to assist the installation works.



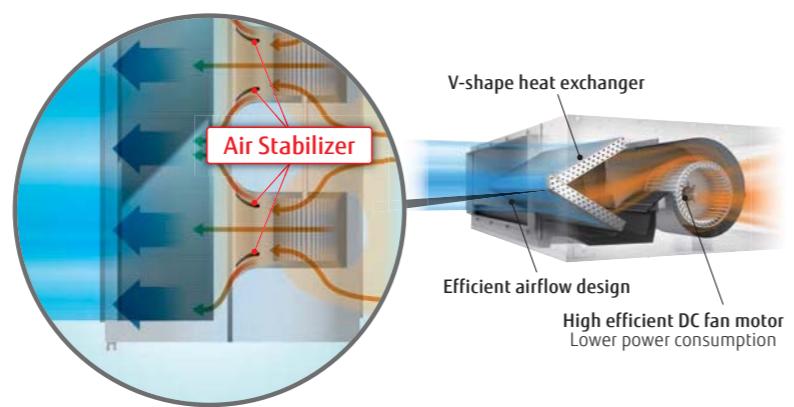
Automatic Airflow adjustment function

This function can set the optimum airflow automatically so, that installation time is shortened drastically.



Quiet operation

The combination of the V-shaped heat exchanger, air stabilizer, and the high efficient DC fan motor allowed quiet operation despite of the small structural design.



Model : ARYG72LHTA / ARYG90LHTA



Wired R.C.



Specifications

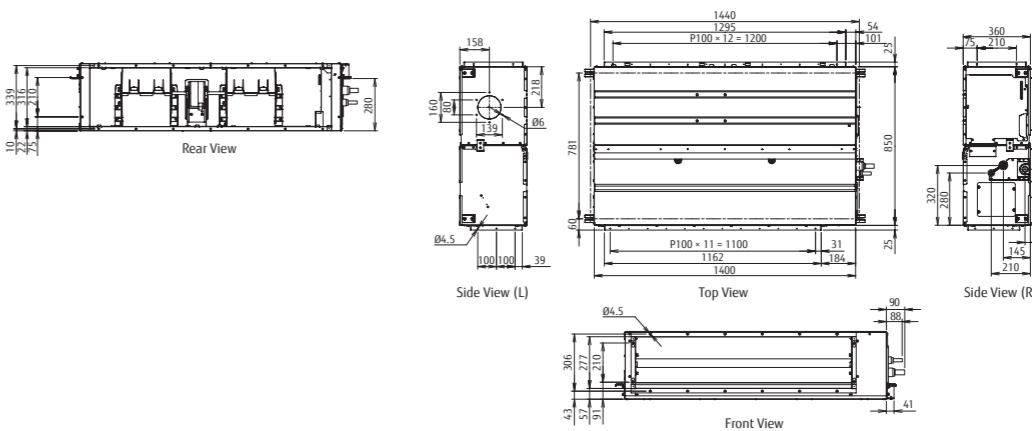
Model No.	Indoor unit		ARYG72LHTA	ARYG90LHTA
	Indoor	Outdoor	AOYG72LRLA	AOYG90LRLA
Power Source	Indoor			Single phase, ~230V, 50Hz
	Outdoor			3 phase, ~400V, 50Hz
Capacity	Cooling	kW	19.0 (8.4-20.9)	22.0 (10.3-24.2)
	Heating	kW	22.4 (7.2-24.6)	27.0 (8.5-29.7)
Input Power	Cooling/Heating	kW	6.46 / 6.59	7.77 / 8.18
EER	Cooling	W/W	2.94	2.83
COP	Heating	W/W	3.40	3.30
Max. Operating Current	Indoor(Cooling/Heating)	A	-	-
	Outdoor(Cooling/Heating)		-	-
Moisture Removal		l/h	4.5	6.0
Sound Pressure	Indoor (Cooling)	H/M/L/Q	46/43/41/39	47/44/42/40
	Indoor (Heating)	H/M/L/Q	46/43/41/39	47/44/42/40
	Outdoor(Cooling/Heating)	High	55/55	55/57
Airflow Rate	Indoor / Outdoor (Cooling)	m³/h	4,300/8,400	4,300/8,400
	Indoor / Outdoor (Heating)		4,300/8,400	4,300/9,000
Static pressure range (Standard)		Pa	50 to 150 (72)	50 to 200 (72)
Net Dimensions	Indoor	mm	360 x 1,400 x 850	360 x 1,400 x 850
H x W x D	Outdoor	mm	1,428 x 1,080 x 480	1,428 x 1,080 x 480
Weight	Indoor	kg(lbs)	69 (152)	80 (176)
	Outdoor	kg(lbs)	165 (364)	174 (384)
Connection Pipe Diameter (Liquid / Gas)		mm	12.7/25.4	12.7/25.4
Drain Hose Diameter (I.D./O.D.)			25/32	25/32
Max. Pipe Length (Pre-Charge)		m	100 (30)	100 (30)
Max. Height Difference			30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating		-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
	Charge	kg(CO ₂ eq-T)	5.6 (11.693)	7.1 (14.825)

Optional parts

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	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGV
Wired Remote Controller:	UTY-RLRY	FJ-RC-WIFI-1		IR Receiver Unit:	UTY-LBTYM
Simple Remote Controller (Without operation mode):	UTY-RNRYM	External input and output PCB:	UTY-XCSX		UTY-LRHYM
Simple Remote Controller:	UTY-RVNYM	Remote Sensor Unit:	UTY-XSZX	Silver Ion Filter:	UTD-HFKA
	UTY-RHRY	Long Life Filter	UTD-LFKA	(Outdoor unit 72/90)	
	UTY-RSRY	External Connect Kit:	UTY-XWZXZG	External Connect Kit:	UTY-XWZXZ3
	UTY-RSNYM	Drain Pump Unit:	UTZ-PXINAB		

Dimensions

(Unit : mm)



Floor

Compact & Comfort



ALL DC



High energy saving

New floor 09 class achieve top class SEER 8.50 and rank A+++ seasonal efficiency for cooling.

New floor 09 class achieve improved SCOP of 4.30 and rank A+ seasonal efficiency for heating.

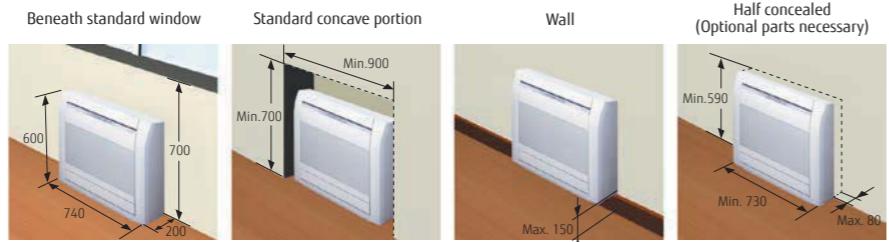
Rank *1
Cooling
A+++
Heating
A+

SEER
8.50 *1 SCOP
4.30 *1

*1: 09 model

Flexible & easy installation

Due to compact and whole surface suction method model, floor, concealed, half concealed, or wall mounted installation can be available to match the room layout.

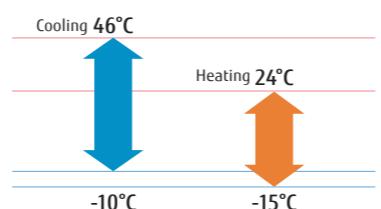


*Concaved position installation with conceal is prohibited.

Low ambient operation

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

-10°C
at Cooling -15°C
at Heating



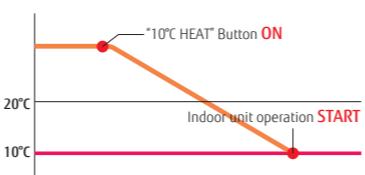
Smart device Control (option)

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



10°C HEAT Operation

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



Model: AGY09KVCA / AGY12KVCA / AGY14KVCA



Wireless R.C.



For AGY09/12KVCA



For AGY14KVCA

Specifications

Model No.	Indoor unit		AGY09KVCA	AGY12KVCA	AGY14KVCA
	Outdoor unit		AOYG09KVCA	AOYG12KVCA	AOYG14KVCA
Power Source					
Capacity	Cooling	kW	2.5 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.2)
	Heating		3.5 (0.9-5.1)	4.5 (0.9-5.3)	5.2 (0.9-6.3)
Input Power	Cooling/Heating	kW	0.53/0.81	0.88/1.22	1.06/1.41
EER	Cooling		4.70	4.00	3.95
COP	Heating		4.30	3.70	3.70
Pdesign	Cooling/Heating(-10°C)	kW	2.50/2.60	3.50/3.50	4.20/4.20
SEER	Cooling		8.50	8.20	8.10
SCOP	Heating (Average)		4.30	4.10	4.00
Energy Efficiency Class	Cooling		A+++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.0/8.5	7.0/8.5	11.0/12.0
Annual Energy Consumption	Cooling	kWh/a	103	149	181
	Heating (Average)		845	1,192	1,466
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/35/29/22	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/M/L/Q	41/35/29/22	41/35/29/22	43/37/29/22
Sound Power Level	Outdoor(Cooling/Heating)	High	43/47	45/51	51/50
	Indoor(Cooling/Heating)	High	53/54	53/54	57/56
Airflow Rate	Outdoor(Cooling/Heating)	High	58/61	61/64	63/63
	Indoor / Outdoor (Cooling)	High	570/1,530	570/1,530	650/2,210
Net Dimensions H x W x D	Indoor	mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg(lbs)	14(31)	14(31)	14(31)
	Outdoor	kg(lbs)	31(68)	31(68)	38(83)
Connection Pipe Diameter (Liquid / Gas)					
Drain hose Diameter (I.D./O.D.)					
Max. Pipe Length (Pre-Charge)					
Max. Height Difference					
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant					
Type (Global Warming Potential)	R32 (675)		R32 (675)	R32 (675)	R32 (675)
Charge	kg(CO ₂ eq-T)		0.85 (0.574)	0.85 (0.574)	0.94 (0.635)

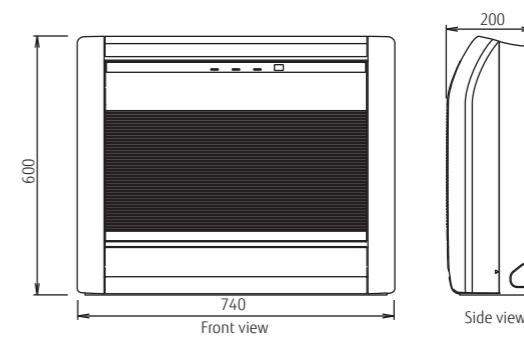
Optional parts

* 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	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGX
Wired Remote Controller:	UTY-RLRY	Half Concealed Kit:	UTY-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-XWZXZ5		

Dimensions

(Unit : mm)



Ceiling



ALL DC



Light Elegant Design

Light-elegant and three-dimensional expression composed of curved surface gives comfort and wellbeing.



Flexible installation

Drain hose and piping can be set in the casing and drawn out flexibly in the right, left, side and down directions.



Easy installation

The indoor unit can be easily installed under the ceiling due to the new designed mounting.

1. Set mounting brackets



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



3. Attach with screws



Easy maintenance

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



Drain pan can be taken off for cleaning.



Components in the control box can be easily accessed from the widely open side.



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



Specifications

Model No.	Indoor unit		ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KRTA	ABYG45KRTA	ABYG54KRTA
	Outdoor unit		AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Power Source											
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
EER	Cooling		3.35	3.21	3.18	3.21	3.21	2.87	3.21	2.87	3.01
COP	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	-	-
SEER	Cooling		6.2	6.1	6.2	6.1	6.37	-	6.37	-	-
SCOP	Heating (Average)		4.1	4.0	4.1	4.0	4.21	-	4.21	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	-	A++	-	-
	Heating (Average)		A+	A+	A+	A+	A+	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	293	344	384	486	524	-	524	-	-
	Heating		1,501	1,677	2,042	2,796	2,904	-	2,904	-	-
Moisture Removal		I/h	2.0	2.5	2.2	3.0	2.6	4.5	2.6	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/36/33/31	42/37/34/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	48/44/41/38
	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	48/44/41/38
Sound Power Level	Outdoor(Cooling/Heating)	High	50/50	51/51	53/54	53/55	55/55	57/57	55/55	57/57	57/59
	Indoor(Cooling/Heating)	High	53/53	57/57	56/56	60/60	59/59	60/60	59/59	60/60	63/63
Airflow Rate	Indoor / Outdoor (Cooling)	High	840/2,160	900/2,240	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
	Indoor / Outdoor (Heating)	High	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
Net Dimensions H x W x D	Indoor	mm	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
	Outdoor	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
Weight	Indoor	kg(lbs)	24(53)	24(53)	31(68)	31(68)	38(84)	38(84)	38(84)	38(84)	38(84)
	Outdoor	kg(lbs)	36(79)	38(84)	42(93)	52(115)	52(115)	67(148)	53(117)	67(148)	67(148)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	30(20)	30(20)	30(20)	50(30)	50(30)	50(30)	50(30)	50(30)	50(30)
Max. Height Difference		m	20	25	25	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46								
	Heating		-15 to 24								
Refrigerant	Type (Global Warming Potential)		R32(675)								
	Charge	kg(CO ₂ eq-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)

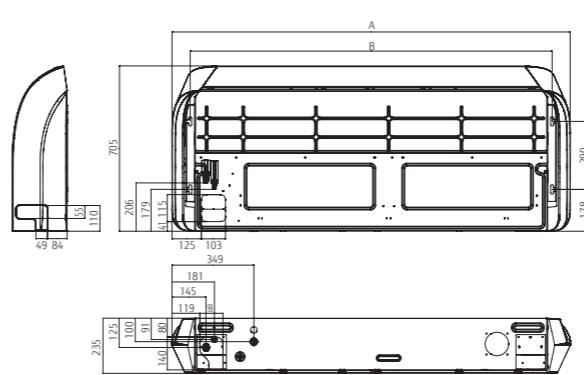
Optional parts

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

Compact Remote Controller:	UTY-RCRY1	External Connect Kit :	UTY-XWZXG	Network Convertor for single split (DC power supply type): UTY-VGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ5	Wireless LAN Interface:	UTY-TFSXZ1	Network Convertor for single split (AC power supply type): UTY-VGXV
Wired Remote Controller:	UTY-RRLY	Drain Pump Unit:	UTR-DPB24T	(Outdoor unit 30/36/45/54)
Simple Remote Controller (Without operation mode):	UTY-RHRY	IR Receiver Unit:	UTY-LBTYH	External Connect Kit:
Simple Remote Controller:	UTY-RSRY	L-Type Piping Kit:	UTP-FX24A (18/22/24)	UTY-XWZX3
External input and output PCB :	UTY-XCSX	External input and output PCB Box :	UTP-FX35A (30/36/45/54)	
External input and output PCB Box :	UTZ-GXEA	External Switch Controller :	UTY-TERX	

Dimensions

(Unit : mm)



	ABYG18

ECO Series Lineup Specifications



Compact cassette

Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA	AOYG22KATA	AOYG24KATA
Power Source								
Capacity	Cooling	kW	2.5(0.9-2.7)	3.5(0.9-3.7)	4.3(0.9-4.5)	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)
	Heating		3.2(0.9-3.9)	4.1(0.9-4.4)	5.0(0.9-5.3)	6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)
Input Power	Cooling/Heating	kW	0.68/0.88	1.09/1.17	1.37/1.42	1.69/1.72	1.95/2.00	2.26/2.08
EER	Cooling	W/W	3.68	3.21	3.14	3.08	3.08	3.01
COP	Heating		3.64	3.50	3.52	3.49	3.50	3.61
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8	6.0/4.4	6.8/5.4
SEER	Cooling	W/W	6.2	6.1	6.1	6.1	6.1	5.9
SCOP	Heating		4.0	4.0	4.0	3.9	3.9	3.8
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	A+
	Heating		A+	A+	A+	A	A	A
Max. Operating Current	Cooling/Heating	A	6.9/6.9	7.7/7.7	9.2/9.2	10.1/10.1	11.6/11.6	12.6/12.6
Annual Energy Consumption	Cooling	kWh/a	141	201	247	298	344	403
	Heating		804	979	1,120	1,362	1,578	1,988
Moisture Removal		l/h	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	49/50	50/51	51/52	52/53	54/55
	Indoor(Cooling/Heating)	High	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)	High	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
H × W × D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg(lbs)	15(33)	15(33)	15(33)	15(33)	16(35)	16(35)
	Outdoor	kg(lbs)	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.)		m	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					
	Heating		-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	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
Dimensions (H × W × D)	mm	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620
Weight	kg(lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)



Circular cassette

Model No.	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA
Power Source												
Capacity	Cooling	kW	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)
	Heating		6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)
Input Power	Cooling/Heating	kW	1.60/1.66	1.85/1.93	2.12/1.97	2.56/2.64	3.06/2.58	4.32/3.77	4.87/4.86	3.06/2.58	4.32/3.77	4.87/4.86
EER	Cooling	W/W	3.25	3.24	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75
COP	Heating		3.61	3.63	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19
Pdesign	Cooling/Heating(-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
SEER	Cooling	W/W	6.2	6.2	6.1	6.1	6.1	-	-	6.1	-	-
SCOP	Heating		4.1	4.1	4.0	4.0	4.0	-	-	4.0	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating		A+	A+	A+	A+	A+	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	28.1/28.1	10.5/10.5	13.6/13.6	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	293	338	390	488	545	-	-	545	-	-
	Heating		1,297	1,502	1,887	2,794	3,044	-	-	3,044	-	-
Moisture Removal		l/h	1.5	2.2	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36
	Indoor (Heating)	H/M/L/Q	33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36
Sound Power Level	Outdoor(Cooling/Heating)	High	51/52	52/53	54/55	53/55	55/55	58/58	58/61	55/55	60/60	61/61
	Indoor(Cooling/Heating)	High	47/47	49/49	49/49	54/54	58/58	60/60	58/58	58/58	-/-	-/-
Airflow Rate	Outdoor(Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	74/75	70/70	72/73	74/75
	Indoor / Outdoor (Cooling)	High	1,050/1,710	1,050/2,400	1,150/2,885	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,4	

Slim Duct



Model No.	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA
Power Source						
Capacity	Cooling	kW	2.5(0.9-2.7)	3.5(0.9-3.7)	4.3(0.9-4.5)	5.2(0.9-5.4)
	Heating		3.2(0.9-3.9)	4.1(0.9-4.4)	5.0(0.9-5.3)	6.0(0.9-6.3)
Input Power	Cooling/Heating	kW	0.69/0.88	1.09/1.17	1.37/1.42	1.66/1.71
EER	Cooling	W/W	3.62	3.21	3.14	3.13
COP	Heating		3.64	3.50	3.52	3.51
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8
SEER	Cooling	W/W	5.9	5.8	5.6	5.8
SCOP	Heating		3.8	3.8	3.8	3.8
Energy Efficiency Class	Cooling	A+	A+	A+	A+	A+
Max. Operating Current	Heating	A	A	A	A	A
Annual Energy Consumption	Cooling	kWh/a	148	211	269	313
Consumption	Heating		847	1,031	1,177	1,398
Moisture Removal		I/h	0.7	1.3	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q	28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
	Outdoor(Cooling/Heating)	High	47/48	49/50	50/51	51/52
	Indoor(Cooling/Heating)	High	57/57	58/58	60/60	58/58
Sound Power Level	Outdoor(Cooling/Heating)	High	60/60	62/62	63/63	63/64
	Indoor / Outdoor (Cooling)	High	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)			
Net Dimensions H x W x D	Indoor	mm	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620	198 × 900 × 620
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 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			15	15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)
	Charge	kg(CO2eq-T)	0.6(0.405)	0.7(0.473)	0.85(0.574)	0.9(0.608)

Medium Static Pressure Duct



Model No.	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA
Power Source									
Capacity	Cooling	kW	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	9.5(2.8-10.6)	12.1(4.0-12.6)
	Heating		7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	10.8(2.7-12.5)	13.5(4.2-15.0)
Input Power	Cooling/Heating	kW	1.92/2.00	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating		3.50	3.75	3.61	3.56	3.23	3.56	3.23
Pdesign	Cooling/Heating(-10°C)	kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-
SEER	Cooling	W/W	5.8	5.9	5.8	5.6	-	5.6	-
SCOP	Heating		3.8	3.9	3.9	3.9	-	3.9	-
Energy Efficiency Class	Cooling	A+	A+	A+	A+	A+	-	A+	-
Max. Operating Current	Heating	A	A	A	A	A	-	A	-
Annual Energy Consumption	Cooling	kWh/a	362	403	513	594	-	594	-
Consumption	Heating		1,620	1,935	2,871	3,122	-	3,122	-
Moisture Removal		I/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	39/35/30/26	42/38/32/28
	Indoor (Heating)	H/M/L/Q	31/29/27/25	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
	Outdoor(Cooling/Heating)	High	52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor(Cooling/Heating)	High	60/62	60/62	65/69	65/70	68/70	65/70	68/70
Sound Power Level	Outdoor(Cooling/Heating)	High	64/65	66/67	68/69	70/70	72/73	70/70	72/73
	Indoor / Outdoor (Cooling)	High	1,100/2,240	1,100/2,888	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 × 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	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 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	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	25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)
Max. Height Difference			20	20	30	30	30	30	30
Operating Range	Cooling	°CDB	-10 to 46						
	Heating		-15 to 24						
Refrigerant	Type (Global Warming Potential)		R32(675)						
	Charge	kg(CO2eq-T)	1.1(0.743)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.4(1.620)	1.9(1.283)	2.4(1.620)

Ceiling



Feature Summary

Type	Wall Mounted							
Series	Flagship Series	Designer Series				Standard Series	ECO Series	
Model No.	ASYG12KXCA	ASYG07/09/12/14KGTB	ASYG07/09/12/14KETA, ASYG07/09/12/14KETA-B		ASYG07/09/12/14KMCC	ASYG18/24KMTB	ASYG30/36KMTA	ASYG07/09/12KPCA
Energy Saving Function								
Comfortable Function								
Convenient Function								
Clean Function								
Installation								

O: 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 No.	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	ARXG45/54KHTA	ARYG60LHTA	ARYG72/90LHTA	AGYG09/12/14KVCA	ABYG 18/22/24/30/36/45/54 KRTA		
Energy Saving Function	Dual side fans											
	Save human sensor											
	Save & Stop human sensor											
	Economy mode											
	Room temperature set point limitation											
	Set temperature auto return											
	Powerful heating											
	Power diffuser											
	Server room operation											
	Powerful mode											
Comfortable Function	10°C HEAT operation											
	Low noise mode											
	Auto-changeover											
	Up/down swing flaps											
	Double swing automatic											
	Automatic fan speed											
	Auto restart											
	Connectable fresh air duct											
	Fresh air intake											
	Connectable distributing duct											
Convenient Function	Individual airflow direction control											
	Auto off timer											
	Sleep timer											
	Program timer											
	Weekly timer											
	Weekly + setback timer											
	Filter sign											
	External error output											
	External ON/OFF input											
	Wireless LAN control											
Clean Function	Plasma air clean											
	Filter auto clean											
	Ion deodorization filter											
	Apple-catechin filter											
	Long life filter											
	Washable panel											
	Silver Ion Filter											
Installation	Automatic airflow adjustment											
	Drain pump as standard											
	Blue fin											

O: Optional function