

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

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- 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



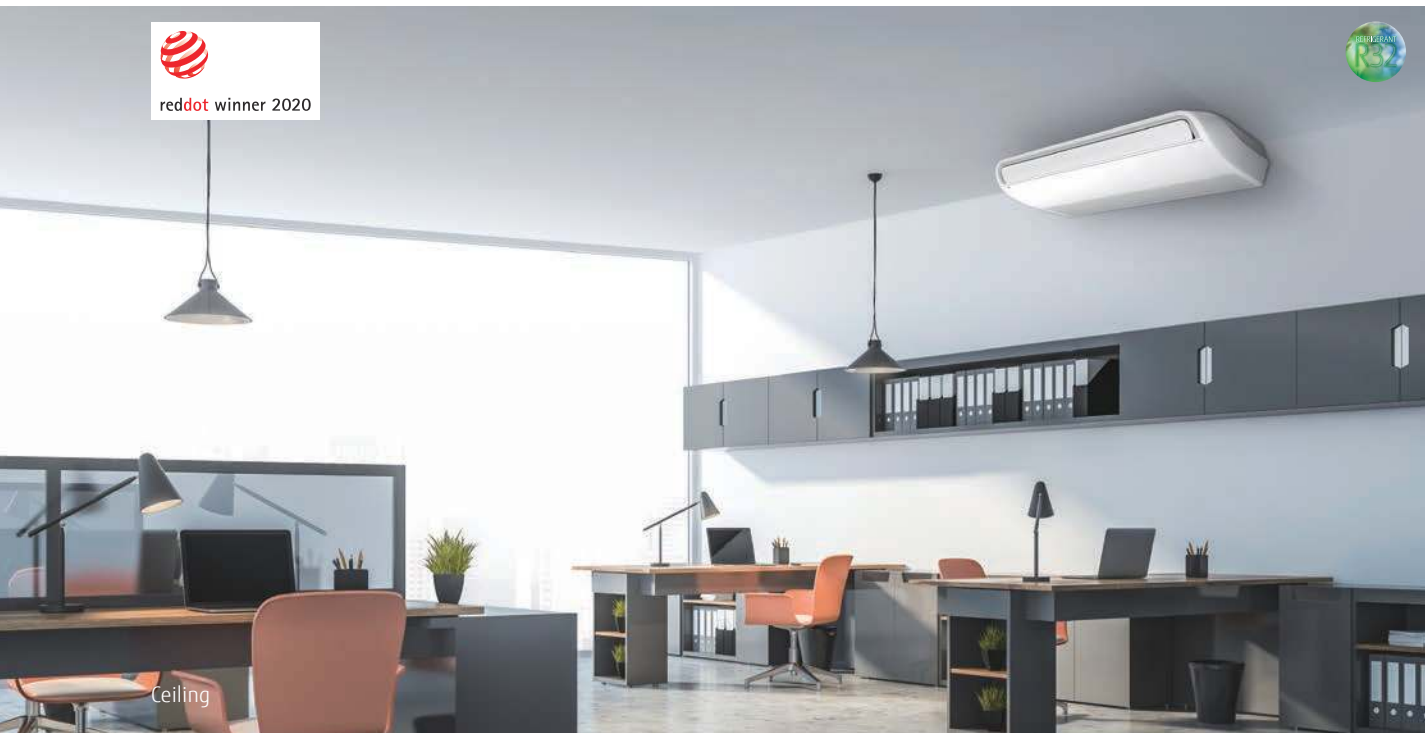
Split Overview

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.



R32
KE
Series

Wall Mounted, Designer Series, Cool Beauty Design



R32

reddot winner 2020

Ceiling



R32
KX
Series

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.



R32

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.



R32

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.



R32

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.



R32

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													
				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

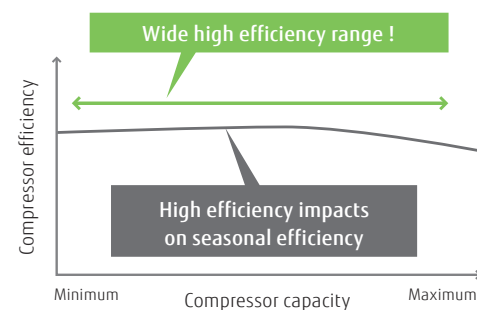
High Efficiency

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.



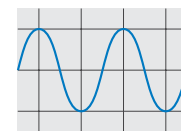
DC fan motor

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.



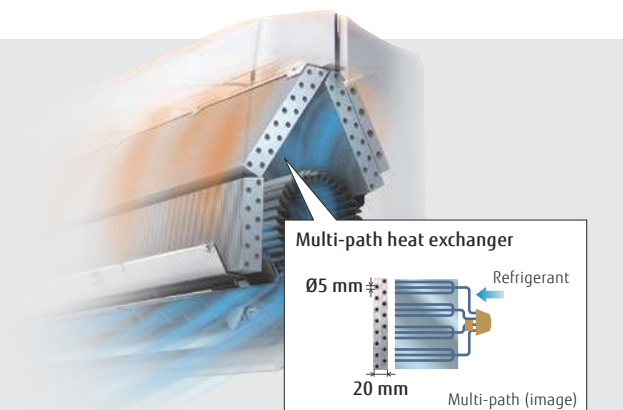
Heat Exchanger for Wall Mounted

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)

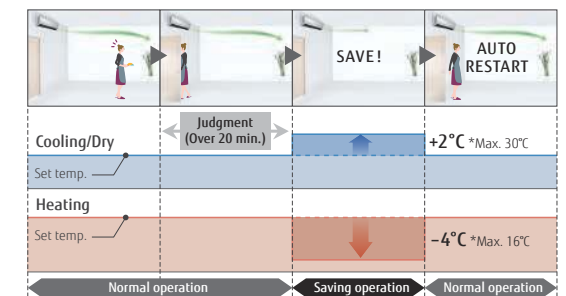


High Energy Saving



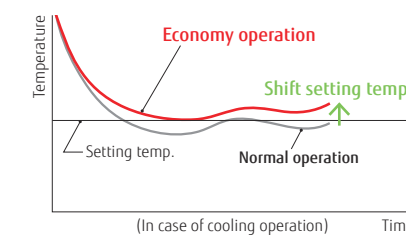
Human sensor control

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.



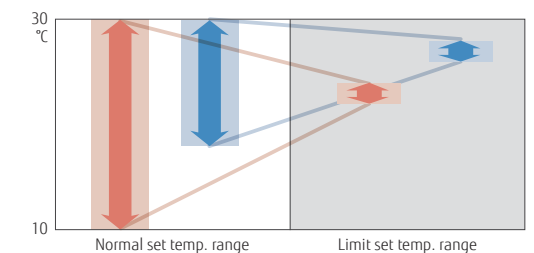
Economy operation

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



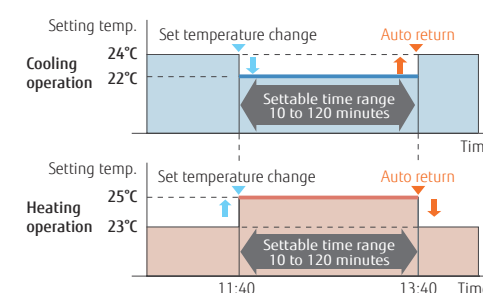
Room temperature set point limitation

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



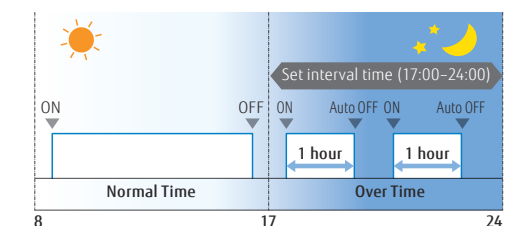
Set temperature auto return

- 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.

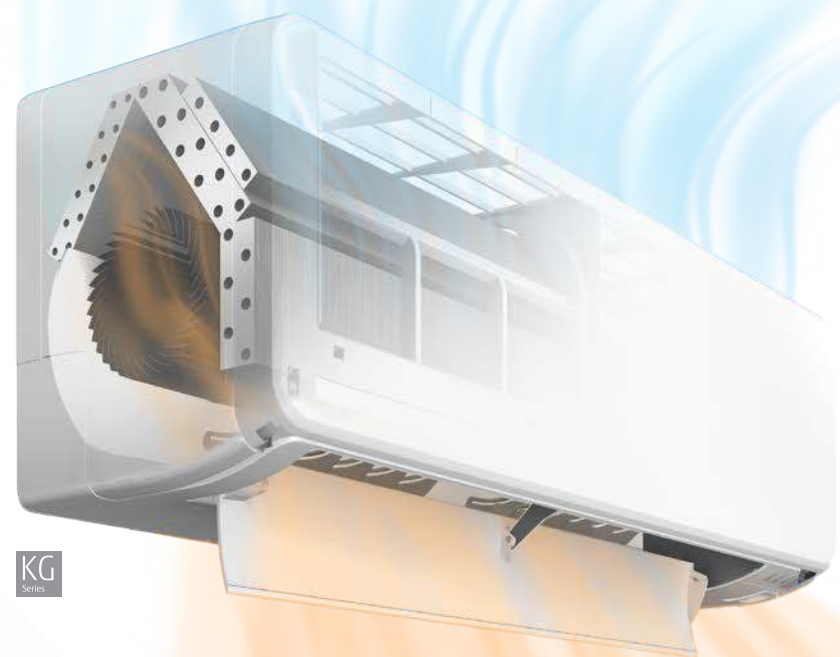


Auto-off timer

- 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



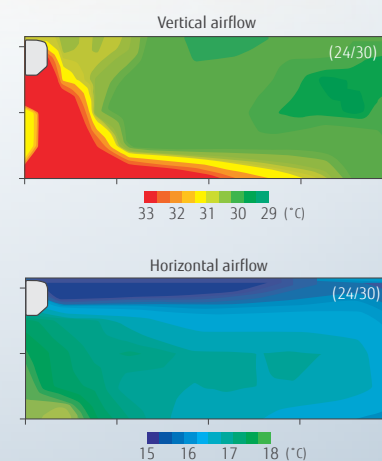
Powerful heating

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



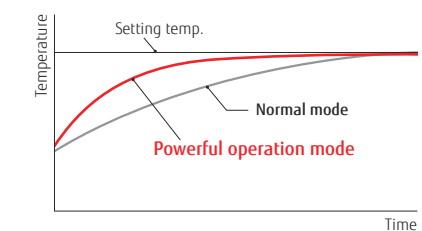
Power diffuser

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



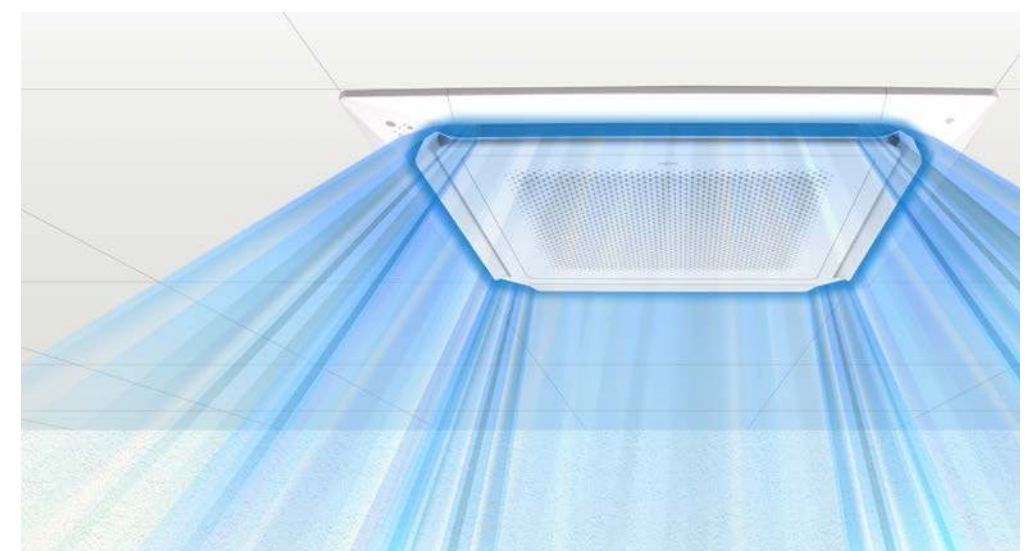
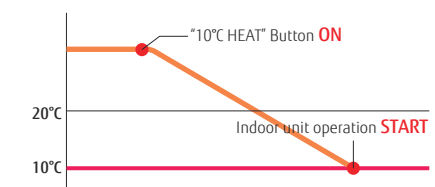
Powerful operation

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



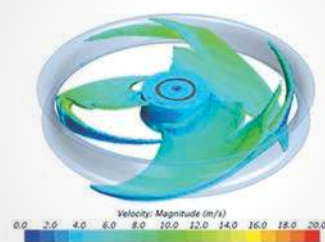
Quiet and Comfort Control



Low Noise Technology

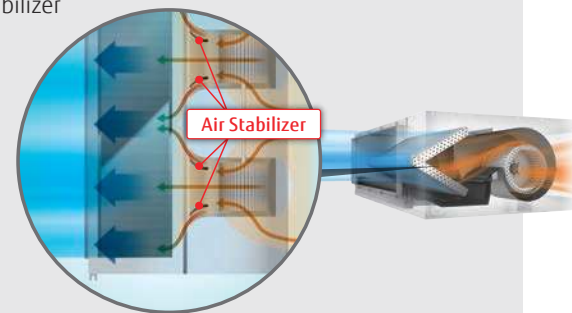
Outdoor unit fan

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



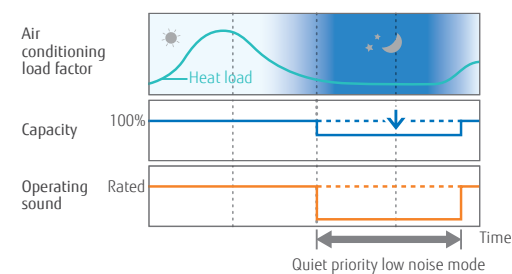
Air stabilizer in Duct

Low noise duct structure with a built-in air stabilizer



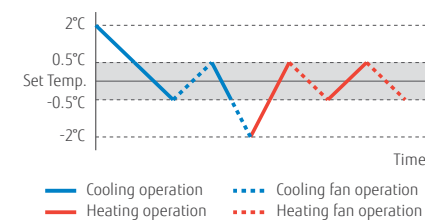
Outdoor unit low noise operation

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.



Weekly timer

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



External error output



Sleep timer

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



Weekly + setback timer

Weekly + Setback timer can set temperature for two times spans and for each day of the week.



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.



Apple-catechin filter

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



Filter auto clean

The dust collected by the air filter is automatically removed. A routine disposal of the dust stored in the dust box is necessary.



Long life filter



Ion deodorization filter

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



Washable panel

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

Installation



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



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



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

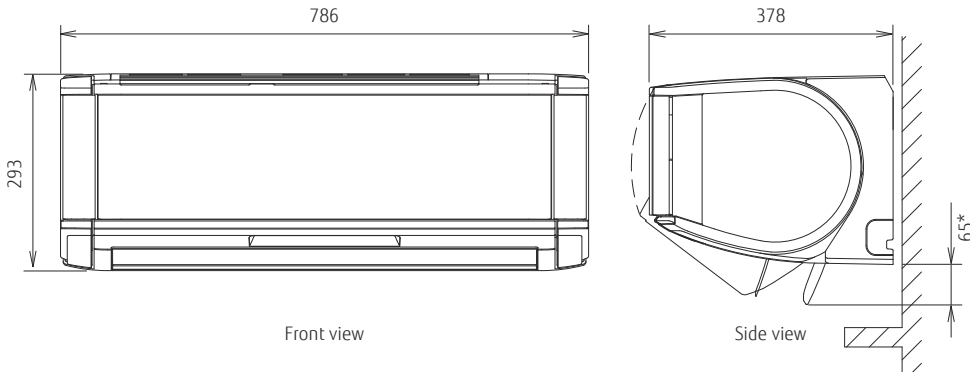


Specifications

Model No.	Indoor unit		ASYG12KXCA
	Outdoor unit		A0YG12KXCA
Power Source			Single phase, ~230V, 50Hz
Capacity	Cooling	kW	3.4 (0.6-5.3)
	Heating	kW	5.0 (0.6-9.0)
Input Power	Cooling/Heating		0.670/1.020
EER	Cooling	W/W	5.09
COP	Heating	W/W	4.90
Pdesign	Cooling/Heating(-10°C)		3.4/3.5
SEER	Cooling	W/W	8.50
SCOP	Heating (Average)		5.10
Energy Efficiency Class	Cooling		A+++
	Heating (Average)		A+++
Max. Operating Current	Cooling/Heating		9.0/16.0
Annual Energy Consumption	Cooling	kWh/a	140
	Heating	kWh/a	961
Moisture Removal			l/h
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
	Outdoor(Cooling/Heating)	High	57/57
	Indoor / Outdoor (Cooling)	High	670/2,230
Airflow Rate	Indoor / Outdoor (Heating)	High	810/1,975
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	°CDB	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)
	Charge	kg(CO2eq-T)	1.30 (0.878)

Dimensions

(Unit : mm)



*Dimensions in case of air flowing downward

Wall Mounted Designer Series

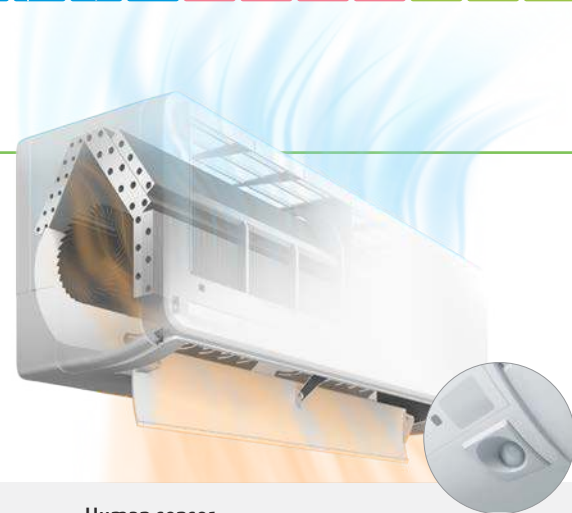
High Spec & Design



High energy saving

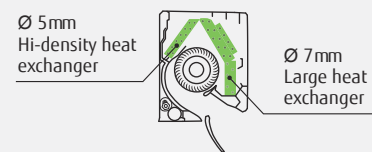
Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

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



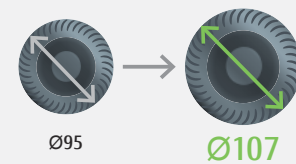
Hybrid-heat exchanger

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



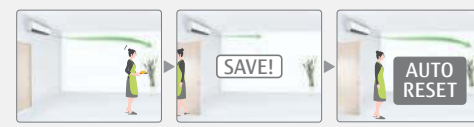
Ø107 Large cross-flow fan

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.



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

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	Single phase, ~230V, 50Hz					
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.1)	4.2 (0.9-4.5)
	Heating	kW	2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	5.4 (0.9-6.4)
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling	W/W	5.00	4.50	4.22	3.57
COP	Heating	W/W	5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	8.52	8.52	8.51	7.11
SCOP	Heating (Average)	W/W	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	kWh/a	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 H x W x D	Indoor	mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor	kg(lbs)	10 (22)	10 (22)	10 (22)	10 (22)
	Outdoor	kg(lbs)	30 (66)	30 (66)	31 (68)	32 (71)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52			
Drain hose Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)		m	20 (15)			
Max. Height Difference		m	15			
Operating Range	Cooling	°CDB	-10 to 46			
	Heating	°CDB	-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg(CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

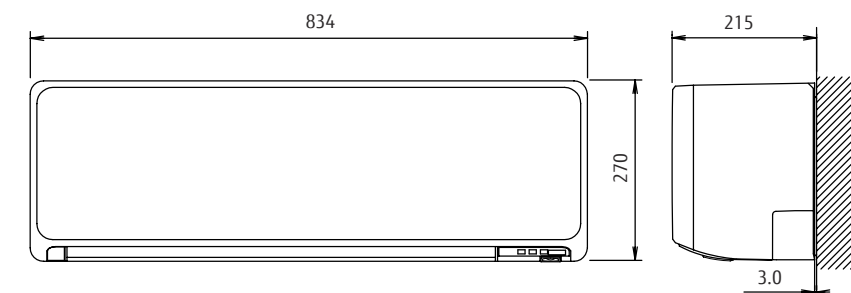
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	External Switch Controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-TFSXW1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	Communication Kit:	UTY-TWRXZ2		
Simple Remote Controller (Without operation mode):	UTY-RHRY	External input and output PCB:	UTY-XCSXZ2		
Simple Remote Controller:	UTY-RSRY	External Connect Kit:	UTY-XWZX		

Dimensions

(Unit : mm)





Wall Mounted
Designer Series
Cool Beauty Design



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

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

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

SEER
7.4^{*1}

SCOP
4.4^{*2}

^{*1}: 07/09 models

^{*2}: 12 model

Hybrid-heat exchanger

Ø 5mm
Hi-density heat exchanger

Ø 7mm
Large heat exchanger

Ø107

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.

Wireless LAN Interface (USB)

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



Peal white X White



Silver X Dark gray



Wireless R.C.



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



For ASYG14KETA
ASYG14KETA-B

Specifications

Model No.	Indoor unit		ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B
	Outdoor unit		A0YG07KETA	A0YG09KETA	A0YG12KETA	A0YG14KETA
Power Source			Single phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
	Heating		2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
Input Power	Cooling/Heating	kW	0.450 / 0.555	0.630 / 0.620	0.935 / 0.960	1.220 / 1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating(-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.9
SCOP	Heating (Average)		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 / 38 / 33 / 22	44 / 39 / 33 / 24
	Outdoor(Cooling/Heating)	High	46 / 46	46 / 46	50 / 50	50 / 50
Sound Power Level	Indoor(Cooling/Heating)	High	54 / 56	55 / 57	55 / 58	57 / 59
	Outdoor(Cooling/Heating)	High	61 / 61	61 / 62	65 / 65	65 / 66
Airflow Rate	Indoor / Outdoor (Cooling)	High	650 / 1,650	700 / 1,650	700 / 1,700	770 / 1,680
	Indoor / Outdoor (Heating)	High	720 / 1,450	750 / 1,450	770 / 1,470	800 / 1,580
Net Dimensions H × W × D	Indoor	mm	295 × 950 (wall side : 840) × 230			
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
Weight	Indoor	kg(lbs)	11(24)	11(24)	11.5(24)	11.5(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.)			13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

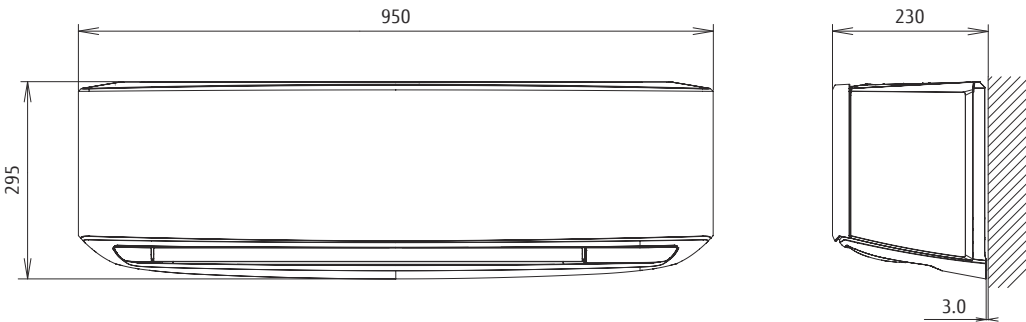
Optional parts

* For optional parts compatibility of Intesis devices, 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-RNRYZ3	External input and output PCB:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	External Connect Kit:	UTY-XWZXZ5		
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)





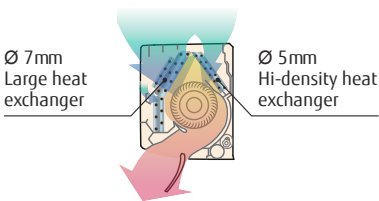
Wall Mounted
Standard Series
High Efficiency & Comfort



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.



SEER 7.4

*1: 07/09 models

SCOP 4.4

*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.



20dB(A)
Cooling only

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



For ASYG07/09/12KMCC



For ASYG14KMCC

Specifications

Model No.	Indoor unit		ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
	Outdoor unit		AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC
Power Source			Single phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)
	Heating	kW	2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)
Input Power	Cooling/Heating		0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
	Heating	W/W	4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating(-10°C)		2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
	Heating (Average)	W/W	4.10	4.10	4.40	4.10
SCOP	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
	Cooling	kWh/a	95	118	163	213
Annual Energy Consumption	Heating	kWh/a	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 H x W x D	Indoor / Outdoor (Heating)	High	720/1,450	750/1,450	780/1,470	820/1,580
	Indoor	mm	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
Weight	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
	Indoor	kg (lbs)	10 (22)	10 (22)	10 (22)	10 (22)
Connection Pipe Diameter (Liquid / Gas)	Outdoor	kg (lbs)	22 (49)	22 (49)	24 (53)	31 (68)
	Indoor	kg (lbs)	22 (49)	22 (49)	24 (53)	31 (68)
Drain hose Diameter (I.D./O.D.)	Indoor	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
	Max. Pipe Length (Pre-Charge)	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. Height Difference	Max. Height Difference	m	20 (15)	20 (15)	20 (15)	20 (15)
	Max. Height Difference	m	15	15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

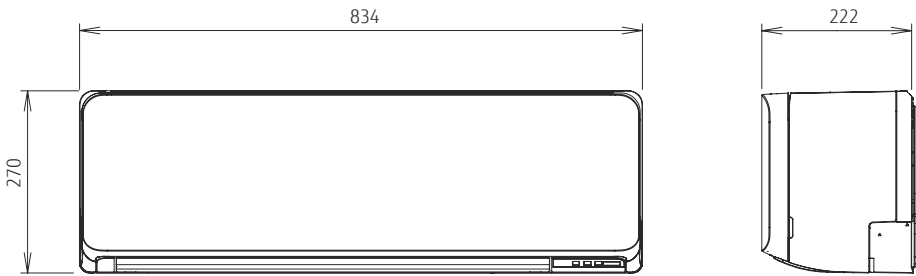
Optional parts

* For optional parts compatibility of Intesis devices, 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 Converter for single split (DC power supply type):	UTY-VTGX
External connect kit:	UTY-XWZX25	Network Converter for single split (AC power supply type):	UTY-VTGXV
Communication kit:	UTY-TWBXF2		

Dimensions

(Unit : mm)



Wall Mounted
Standard Series
High Efficiency & Large Room



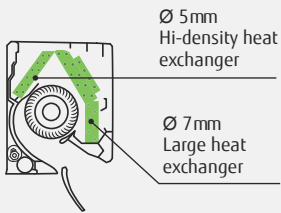
High energy saving

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



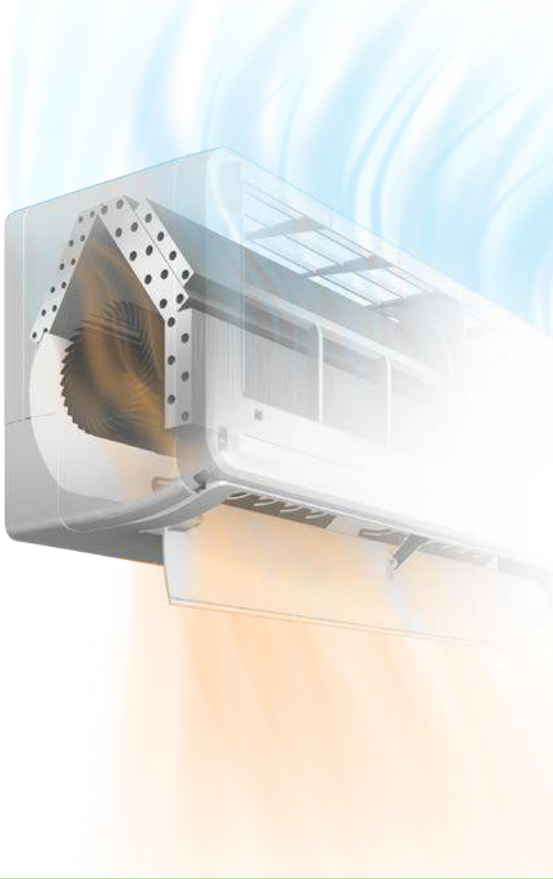
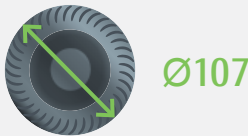
Hybrid-heat exchanger

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



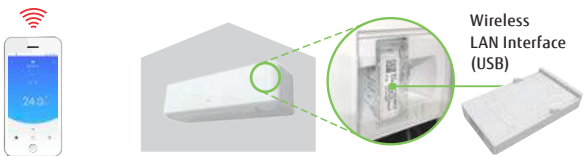
Ø107 Large cross-flow fan

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

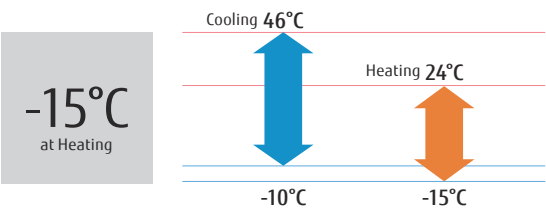


Smart device Control (Option)

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



Wireless R.C.



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	W/W	3.74		3.41	
COP	Heating		4.04		4.19	
Pdesign	Cooling/Heating(-10°C)	kW	5.2/4.8		7.1/7.1	
SEER	Cooling	W/W	7.77		7.28	
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			I/h	1.7		2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	45/40/35/29		49/40/35/29
	Indoor (Heating)	H/M/L/Q		46/40/35/29		49/40/35/29
Sound Power Level	Outdoor(Cooling/Heating)	High		50/50		54/52
	Indoor(Cooling/Heating)	High		60/61		65/65
	Outdoor(Cooling/Heating)	High		65/65		67/66
	Indoor / Outdoor (Cooling)	High		980/2,350		1,170/3,240
Airflow Rate	Indoor / Outdoor (Heating)	High	m³/h	1,020/2,100		1,170/2,820
Net Dimensions	Indoor	mm	280 × 980 × 240		280 × 980 × 240	
H × W × D	Outdoor	mm	632 × 799 × 290		716 × 820 × 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.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)		m	25(15)		30(15)	
Max. Height Difference			20		25	
Operating Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)	
	Charge	kg(CO2eq-T)	1.02(0.689)		1.32(0.891)	

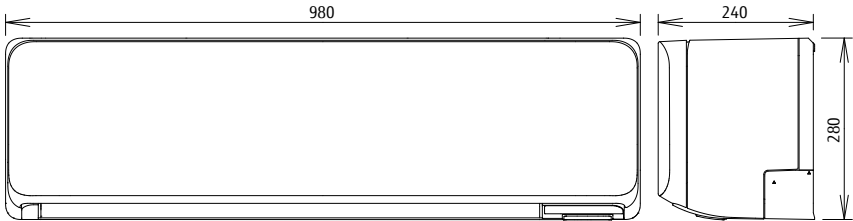
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	Communication Kit:	UTY-TWRXZ2	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	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		
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



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

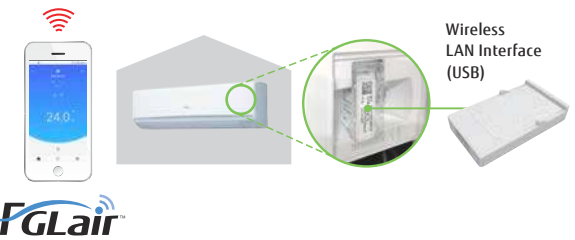
R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than other refrigerant currently available on the market.



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 FGLair 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	W/W	3.43		2.97	
COP	Heating		4.00		3.70	
Pdesign	Cooling/Heating(-10°C)	kW	8.0/6.5		9.4/7.1	
SEER	Cooling	W/W	6.67		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	
	Outdoor(Cooling/Heating)	High	68/69		70/70	
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,330/3,750		1,330/3,750	
	Indoor / Outdoor (Heating)	High	1,330/3,750		1,330/3,750	
Net Dimensions H x W x D	Indoor	mm	340 × 1,150 × 280		340 × 1,150 × 280	
	Outdoor	mm	788 × 940 × 320		788 × 940 × 320	
Weight	Indoor	kg(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.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)		m	50(30)		50(30)	
Max. Height Difference			30		30	
Operating Range	Cooling	°CDB	-15to46		-15to46	
	Heating		-15to24		-15to24	
Refrigerant	Type (Global Warming Potential)		R32(675)		R32(675)	
	Charge	kg(CO2eq-T)	1.90(1.283)		1.90(1.283)	

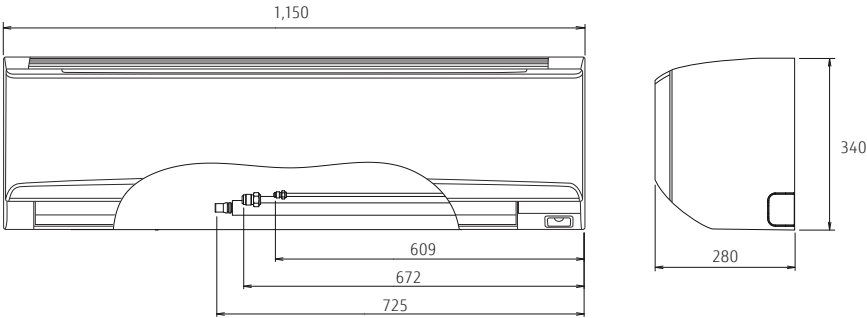
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	External Connect Kit:	UTY-XWZX25	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	External Input and Output PCB:	UTY-XCSXZ2	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	Communication Kit:	UTY-TWRXZ2		
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 ECO Series Compact & Comfort



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 lamda heat exchanger, large cross flow fan and new refrigerant.



SEER 6.7^{*1}

*1: 07/09 models

SCOP 4.1^{*2}

*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.

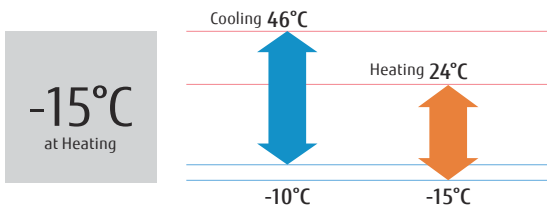


Smart device Control (Option)

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



Wireless R.C.



Specifications

Model No.	Indoor unit		ASYG07KPCA	ASYG09KPCA	ASYG12KPCA
	Outdoor unit		AOYG07KPCA	AOYG09KPCA	AOYG12KPCA
Power Source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.7)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating	kW	0.48/0.63	0.71/0.79	1.00/1.14
EER	Cooling	W/W	4.17	3.52	3.40
COP	Heating		3.97	3.54	3.33
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.2	2.5/2.4	3.4/2.5
SEER	Cooling	W/W	6.70	6.70	6.30
SCOP	Heating (Average)		4.00	4.00	4.10
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	104	131	189
	Heating		769	840	853
Moisture Removal		l/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/38/31/22	45/38/31/22	46/40/33/22
	Indoor (Heating)	H/M/L/Q	45/40/36/26	45/40/36/26	46/40/35/27
Sound Power Level	Outdoor(Cooling/Heating)	High	45/46	47/47	49/51
	Indoor(Cooling/Heating)	High	57/58	58/58	59/59
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
	Indoor / Outdoor (Heating)	High	580/1,450	580/1,450	630/1,470
Net Dimensions H x W x D	Indoor	mm	270 × 784 × 224	270 × 784 × 224	270 × 784 × 224
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor	kg(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.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.55 (0.371)	0.55 (0.371)	0.59 (0.398)

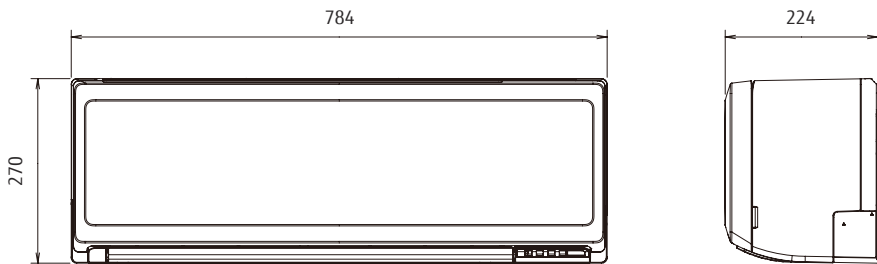
Optional parts

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

Wireless LAN Interface: UTY-TFSXF2
Remote Controller Holder Kit: UTZ-RXLA

Dimensions

(Unit : mm)



Wall Mounted ECO Series

Comfort for Large Room



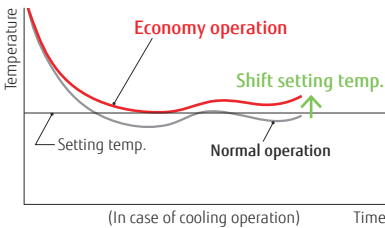
Narrow width & Compact Design

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.



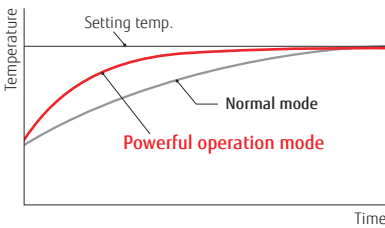
Economy operation

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



Powerful operation

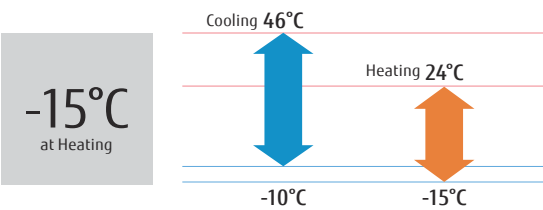
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



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



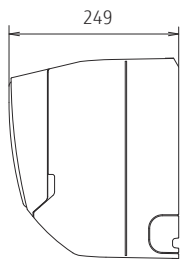
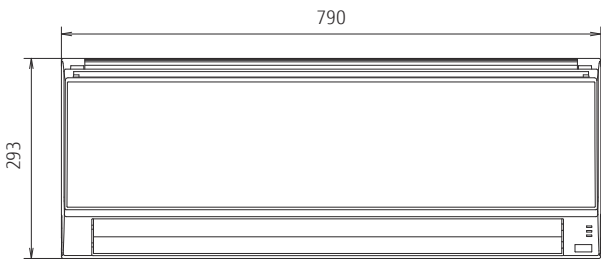
For ASYG24KLCA

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	dB(A)	47/44/40/35		51/45/38/33
	Indoor (Heating)	H/M/L/Q		50/45/41/37		52/45/41/37
Sound Power Level	Outdoor(Cooling/Heating)	High		50/56		55/57
	Indoor(Cooling/Heating)	High		60/65		64/65
	Outdoor(Cooling/Heating)	High	61/66		65/67	
	Airflow Rate	Indoor / Outdoor (Cooling)	High	865/1,830		1,040/2,885
	Indoor / Outdoor (Heating)	High	m³/h	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.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)		m	25 (15)		30 (15)	
Max. Height Difference			20		25	
Operating Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)	R32(675)		R32(675)		
	Charge	kg(CO2eq-T)	0.85(0.574)		1.10(0.743)	

Dimensions

(Unit : mm)





Compact Cassette

Compact 4-way Flow Series

Compact & Comfort



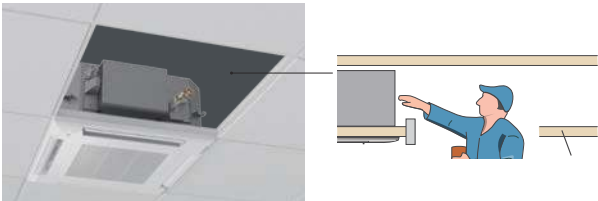
Compact and stylish panel design

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.



The air inlet grill can be installed in various directions, so maintenance is easy.

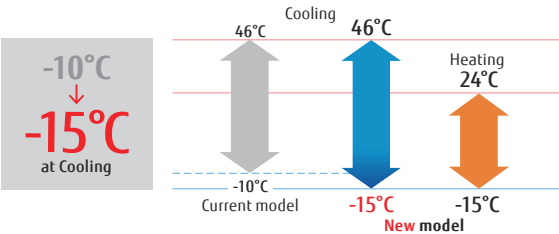


Flexible installation

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			Single phase, ~230V, 50Hz					
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)
	Heating		3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)
Input Power	Cooling/Heating	kW	0.55/0.79	0.93/1.08	1.28/1.32	1.60/1.66	1.82/1.87	2.21/2.03
EER	Cooling	W/W	4.57	3.76	3.36	3.25	3.30	3.08
COP	Heating		4.05	3.80	3.79	3.61	3.74	3.69
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0
SEER	Cooling	W/W	6.70	6.60	6.50	6.60	6.60	6.10
SCOP	Heating (Average)		4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	kWh/a	7.9/7.9	9.7/7.9	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6
Annual Energy Consumption	Cooling		131	186	231	275	318	390
Moisture Removal	Heating	l/h	826	1,106	1,208	1,466	1,562	2,097
			0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	47/47	49/49	50/50	51/51	53/54
	Indoor(Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61
Airflow Rate	Outdoor(Cooling/Heating)	High	59/59	61/61	62/62	62/62	63/63	65/66
	Indoor / Outdoor (Cooling)	High	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
Net Dimensions H x W x D	Indoor / Outdoor (Heating)	High	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
	Indoor	kg(lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
Connection Pipe Diameter (Liquid / Gas)	Outdoor	kg(lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)
	Indoor	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max. Height Difference			15	20	20	20	25	25
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	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
	Weight	kg(lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)

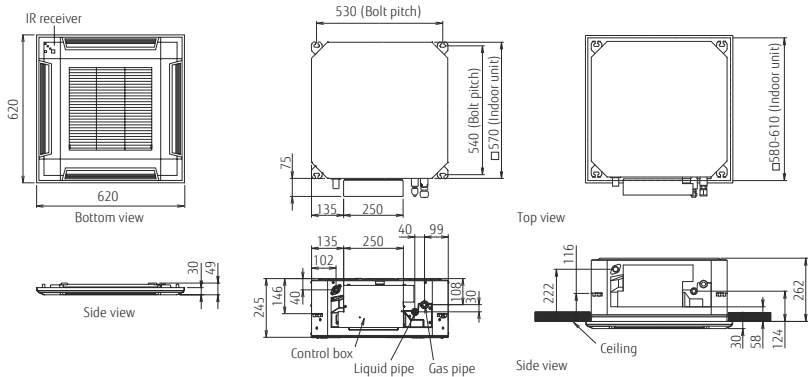
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless Remote Controller:	UTY-LNTY	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	External Switch Controller:	UTY-TERX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	Wireless LAN Interface:	UTY-TFSXZ1	Insulation Kit For High Humidity:	UTZ-KXGC
	UTY-RNNYM		FJ-RC-WIFI-1	External input and output PCB:	UTY-XCSX
	UTY-RVNYM	Air Outlet Shutter Plate:	UTR-YDZB	External input and output PCB Box:	UTZ-GXRA
Simple Remote Controller (Without operation mode):	UTY-RHRY	External Connect Kit:	UTY-XWZXZG		
Simple Remote Controller:	UTY-RSRY	Cassette Grille:	UTG-UFYF-W		
	UTY-RSNYM	Fresh Air Intake Kit:	UTZ-VXAA		

Dimensions

(Unit : mm)



Cassette

Circular Flow Series

Comfort for Large Room



UTG-UKYA-B
Black Color Grille



(30/36/45/54)

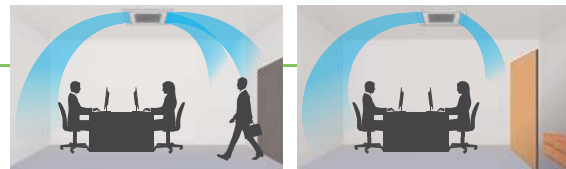
Unique Circular Flow design

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-RNRYZ3)only



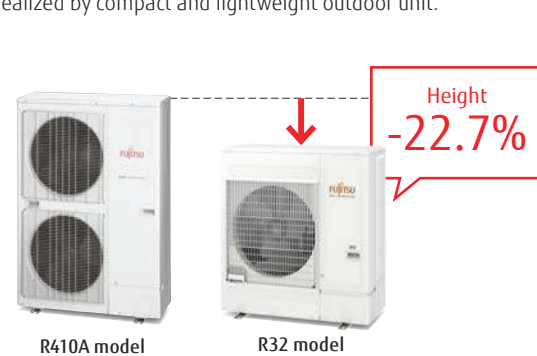
Comfortable air conditioning by preventing direct blowing of cold air and by providing swinging air flow simultaneously.

Efficient air conditioning based on the room layout

Human sensor increases more energy saving
Energy saving operation starts automatically by detecting the motion of a person. 2 modes of save operation mode and stop mode can be selected.

Compact and lightweight outdoor unit

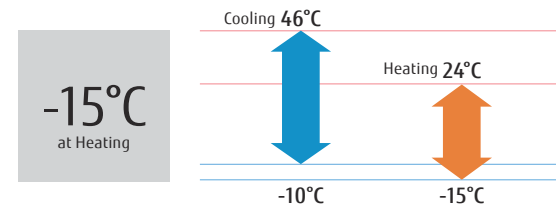
45/54 models outdoor unit was changed completely. Easier installation was realized by compact and lightweight outdoor unit.



R410A model

R32 model

Low ambient operation



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]



Specifications

Model No.	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB		
	Outdoor unit		AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA		
Power Source			Single phase, ~230V, 50Hz							3 phase, ~400V, 50Hz				
Capacity	Cooling	kW	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)		
	Heating		6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)		
Input Power	Cooling/Heating	kW	1.36/1.58	1.71/1.82	1.89/1.90	2.44/2.51	2.91/2.45	3.61/3.21	4.41/4.16	2.91/2.45	3.61/3.21	4.41/4.16		
EER	Cooling	W/W	3.82	3.51	3.60	3.49	3.26	3.35	3.04	3.26	3.35	3.04		
COP	Heating		3.80	3.85	3.95	3.98	4.40	4.20	3.73	4.40	4.20	3.73		
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	-	-	5.2/4.4	-	-		
SEER	Cooling	W/W	7.00	7.00	6.60	6.70	6.55	-	-	6.55	-	-		
SCOP	Heating (Average)		4.30	4.40	4.20	4.30	4.30	-	-	4.30	-	-		
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	A++	-	-	A++	-	-		
	Heating (Average)		A+	A+	A+	A+	A+	-	-	A+	-	-		
Max. Operating Current	Cooling/Heating	A	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0		
Annual Energy Consumption	Cooling	kWh/a	260	300	360	444	507	-	-	507	-	-		
	Heating		1,431	1,527	1,999	2,601	2,828	-	-	2,828	-	-		
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	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59		
	Indoor(Cooling/Heating)	High	47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	60/60	61/61		
Airflow Rate	Indoor(Cooling/Heating)	High	62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73		
	Indoor / Outdoor (Cooling)	High	1,050/2,160	1,050/2,240	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,450	2,100/4,450		
Indoor / Outdoor (Heating)	High	m³/h	1,050/1,830	1,050/1,960	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,450	2,100/4,450		
Net Dimensions H x W x D	Indoor	mm	246 × 840 × 840	246 × 840 × 840	246 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840		
Weight	Outdoor	mm	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320		
	Indoor	kg(lbs)	23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)	29 (64)	29 (64)	29 (64)		
Connection Pipe Diameter (Liquid / Gas)	Outdoor	kg(lbs)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	36 (79)	38 (84)	42 (93)		
		mm	6.35/12.70	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	6.35/12.70	6.35/12.70	6.35/12.70		
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32		
Max. Pipe Length (Pre-Charge)			30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)		
Max. Height Difference			20	25	25	30	30	30	30	30	30	30		
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46		
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24		
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)		
	Charge		1.02 (0.689)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)		
Cassette Grille	Variation	UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKYC-W: White Color / UTG-UKYA-B*1: Black Color												
	Dimensions (H × W × D)	mm	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950		
	Weight	kg(lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)		

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

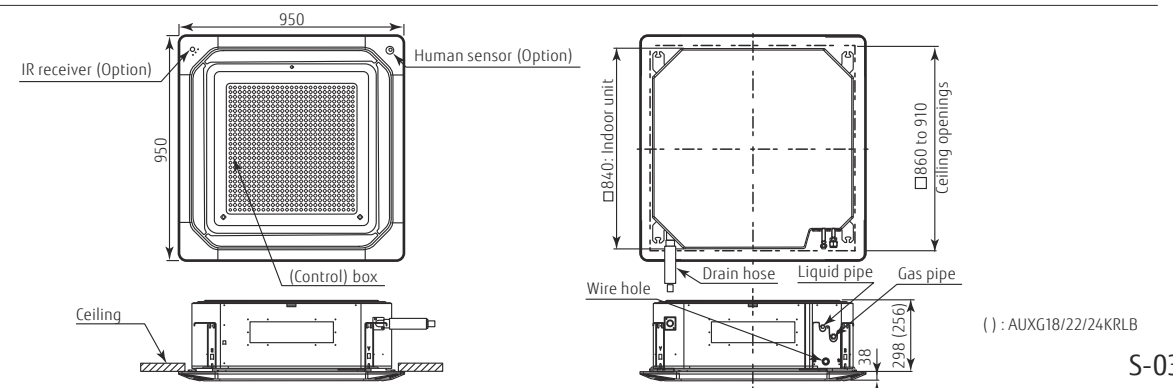
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless LAN Interface:	UTY-TFSXZ1	Cassette Grille:	UTG-UKYA-B
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3		FJ-RC-WIFI-1		UTG-UKYA-W
Wired Remote Controller:	UTY-RLRY	External input and output PCB:	UTY-XCSX		UTG-UKYC-W
	UTY-RNNYM	External input and output PCB Box:	UTZ-GXRA	Air Outlet Shutter Plate:	UTR-YDZK
	UTY-RVNYM	Insulation Kit For High Humidity:	UTZ-KXRA	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RHRY	Fresh Air Intake Kit:	UTZ-VXRA	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple Remote Controller (Without operation mode):	UTY-RSRY	Wide Panel:	UTG-AKXA-W		
Simple Remote Controller:	UTY-RSNYM	Panel Spacer:	UTG-BKXA-W		
Human Sensor Kit:	UTY-SHZXC	IR Receiver Unit	UTY-LBXYC	(Outdoor unit 30/36/45/54)	
External Switch Controller:	UTY-TERX	External Connect Kit:	UTY-XWZXZG	External Connect Kit:	UTY-XWZXZ3

Dimensions

(Unit : mm)



() : AUXG18/22/24KRLB



Slim Duct

Slim & Comfort



Slim design

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



Compact and lightweight outdoor unit

Compact and lightweight outdoor unit expands a wider range of choice for installation location. This makes it easier to use this outdoor unit.



Selectable with a wide range of static pressure

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



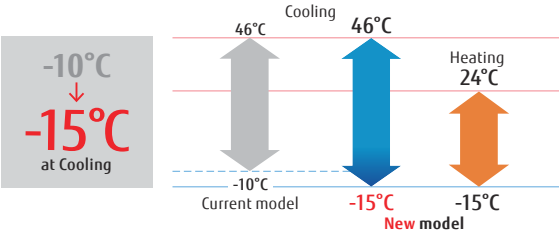
Static pressure range
0 to 90 Pa

Auto Louver Grille Kit (Option)

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



Low ambient operation



Model : ARXG09KLLAP / ARXG12KLLAP / ARXG14KLLAP / ARXG18KLLAP



For ARXG09/12/14KLLAP For ARXG18KLLAP

Specifications

Model No.	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB
Power Source			Single phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)
	Heating		3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)
Input Power	Cooling/Heating	kW	0.60/0.79	0.93/1.08	1.28/1.32	1.55/1.62
EER	Cooling	W/W	4.17	3.76	3.36	3.35
COP	Heating		4.05	3.80	3.79	3.70
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4
SEER	Cooling	W/W	6.20	6.10	5.80	6.20
SCOP	Heating		4.30	4.00	3.90	4.10
Energy Efficiency Class	Cooling		A++	A++	A+	A++
	Heating		A+	A+	A	A+
Max. Operating Current	Cooling/Heating	A	7.9/7.9	9.7/9.7	10.2/10.2	12.1/12.1
Annual Energy Consumption	Cooling	kWh/a	141	201	259	293
	Heating		845	1,189	1,362	1,501
Moisture Removal		l/h	0.7	1.3	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q	28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
	Outdoor(Cooling/Heating)	High	46/46	47/47	49/49	50/50
Sound Power Level	Indoor(Cooling/Heating)	High	57/57	58/58	60/60	58/58
	Outdoor(Cooling/Heating)	High	59/59	61/61	62/62	62/62
Airflow Rate	Indoor / Outdoor (Cooling)	High	600/1,480	650/1,580	800/1,670	940/2,160
	Indoor / Outdoor (Heating)	High	600/1,410	650/1,520	800/1,580	940/1,830
Static pressure range (Standard)		Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg(lbs)	17 (37)	17 (37)	17 (37)	20 (44)
	Outdoor	kg(lbs)	32 (71)	33 (73)	33 (73)	36 (79)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (15)	25 (15)	30 (20)
Max. Height Difference			15	20	20	20
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)

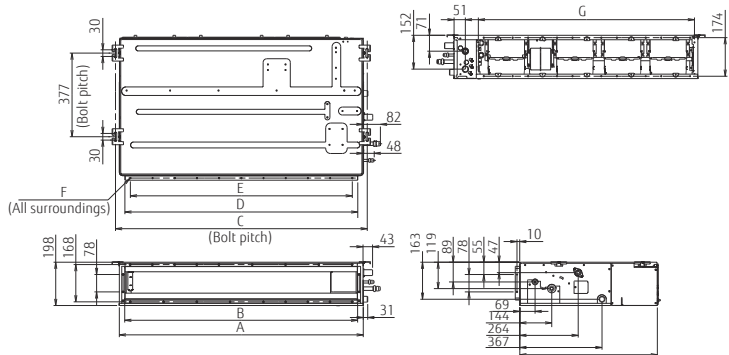
Optional parts

* For optional parts compatibility of 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-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY		FJ-RC-WIFI-1	External Connect Kit:	UTY-XWZXZG
	UTY-RNNYM	Remote Sensor Unit:	UTY-XSZX		
	UTY-RVNYM	Fresh Air Intake Kit:	UTZ-VXAA		
Simple Remote Controller (Without operation mode):	UTY-RHRY	Auto Louver Grille Kit:	UTD-GXTA-W (09-14)		
Simple Remote Controller:	UTY-RSRY		UTD-GXTB-W (18)		
	UTY-RSNYM	IR Receiver Unit:	UTY-LBTYM		

Dimensions

(Unit : mm)



	ARXG09/12/14KLLAP	ARXG18KLLAP
A	700	900
B	650	850
C	734	934
D	650	850
E	P100x6=600	P100x8=800
F	18xØ5	22xØ5
G	574	774

Medium Static Pressure Duct

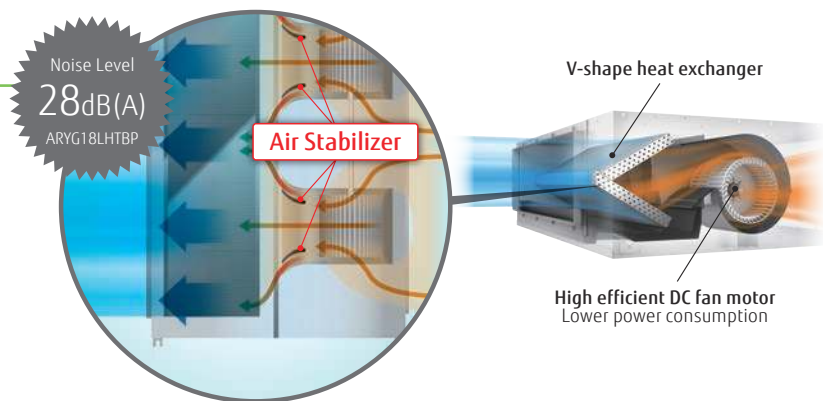
Compact & Comfort



(30/36/45/54)

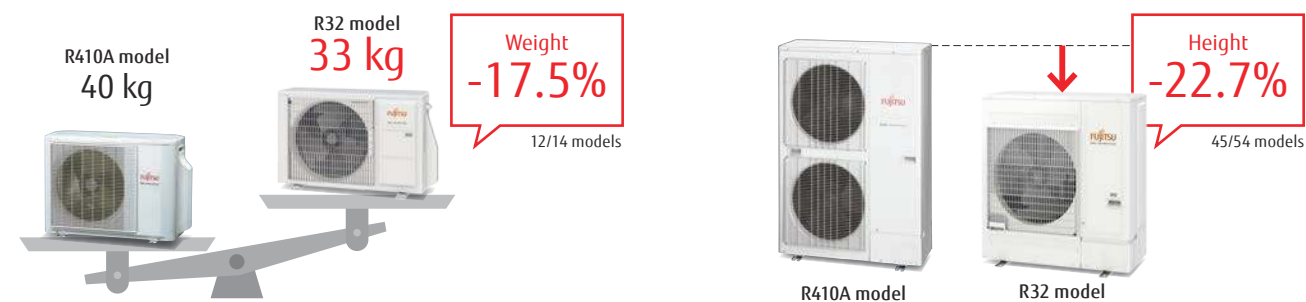
High Efficiency & Quiet operation

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



Small and light weight outdoor unit

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

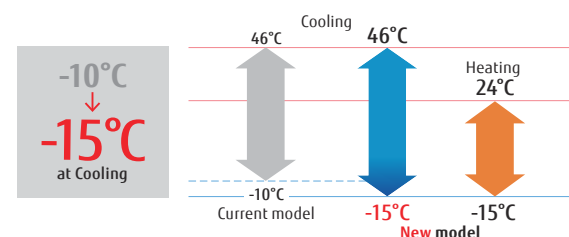


Automatic Airflow adjustment function

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



Low ambient operation



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



ARXG12/14KHTAP



ARXG18/22/24/30KHTAP



ARXG36/45/54KHTAP



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

Specifications

Model No.	Indoor unit		ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP
	Outdoor unit		AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Power Source			Single phase ~230V, 50Hz									3 phase ~400V, 50Hz		
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)
Input Power	Cooling/Heating	kW	0.87/1.00	1.17/1.25	1.36/1.56	1.71/1.81	1.89/1.85	2.65/2.63	2.86/2.48	3.53/3.37	4.42/3.89	2.86/2.48	3.53/3.37	4.42/3.89
EER	Cooling	W/W	4.02	3.68	3.82	3.51	3.60	3.21	3.32	3.43	3.03	3.32	3.43	3.03
COP	Heating		4.10	4.00	3.85	3.87	4.06	3.80	4.35	4.01	3.98	4.35	4.01	3.98
Pdesign	Cooling/Heating (-10°C)	kW	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
SEER	Cooling	W/W	6.30	6.20	6.50	6.50	6.50	6.23	6.10	-	-	6.10	-	-
SCOP	Heating (Average)		4.10	4.00	4.10	4.20	4.10	4.00	4.20	-	-	4.20	-	-
Energy Efficiency Class	Cooling	A++	A++	A++	A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating (Average)	A+	A+	A+	A+	A+	A+	A+	A+	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	194	243	280	323	366	477	544	-	-	544	-	-
	Heating		1,159	1,328	1,501	1,597	2,048	2,796	2,898	-	-	2,898	-	-
Moisture Removal		l/h	0.7	0.9	1.2	1.5	1.8	2.3	2.0	2.6	3.7	2.0	2.6	3.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29	36/31/28/26	39/35/31/29	39/35/31/29	36/31/28/26	39/35/31/29	39/35/31/29
	Indoor (Heating)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29	33/31/28/26	39/35/31/29	39/35/31/29	33/31/28/26	39/35/31/29	39/35/31/29
Sound Power Level	Outdoor(Cooling/Heating)	High	47/47	49/49	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59
	Indoor(Cooling/Heating)	High	57/58	59/60	54/54	57/57	57/57	63/65	64/63	67/69	67/69	64/63	67/69	67/69
	Outdoor(Cooling/Heating)	High	61/61	62/62	62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73
Airflow Rate	Indoor / Outdoor (Cooling)	High	850/1,580	950/1,670	1,050/2,160	1,050/2,240	1,360/2,700	1,700/3,750	2,050/3,750	2,550/4,450	2,550/4,450	2,050/3,750	2,550/4,450	2,550/4,450
	Indoor / Outdoor (Heating)	High	850/1,520	950/1,580	1,050/1,830	1,050/1,960	1,360/2,700	1,700/3,750	1,850/3,750	2,550/4,450	2,550/4,450	1,850/3,750	2,550/4,450	2,550/4,450
Static pressure range (Standard)		Pa	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (47)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)
Net Dimensions H x W x D		Indoor	mm	300 × 700 × 700	300 × 700 × 700	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700
		Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor	kg(lbs)	27 (60)	27 (60)	35 (77)	35 (77)	36 (79)	36 (79)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)
	Outdoor	kg(lbs)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	53 (117)	67 (148)	67 (148)
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)			m	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference			m	20	20	20	25	25	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)

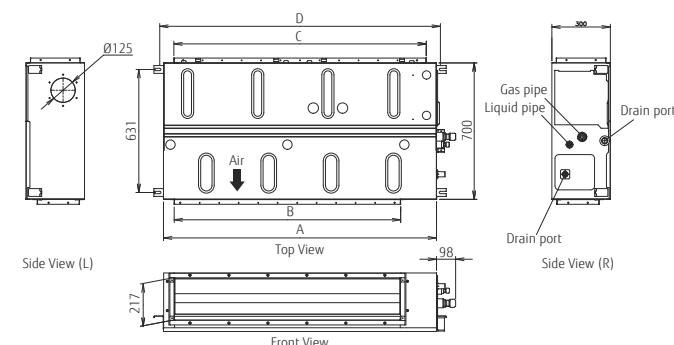
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	External input and output PCB:	UTY-XCSX	Wireless LAN Interface:	UTY-TFSXZ1
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	External Connect Kit:	UTY-XWZXZG		FJ-RCWIFI-1
Wired Remote Controller:	UTY-RLRY	External input and output PCB:	UTZ-GXNA	IR Receiver Unit:	UTY-LBTYM
	UTY-RNNYM	Long-Life Filter:	UTD-LFNA (36-54)	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RVNYM		UTD-LFNB (18-30)	Network Converter for single split (AC power supply type):	UTY-VTGXV
	UTY-RHRY		UTD-LFNC (12-14)		
Simple Remote Controller (Without operation mode):	UTY-RSRY	External Switch Controller:	UTY-TERX	(Outdoor unit 30/36/45/54)	
Simple Remote Controller:	UTY-RSNYM	Remote Sensor Unit:	UTY-XSZX	External Connect Kit:	UTY-XWZXZ3

Dimensions

(Unit : mm)



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

Medium Static Pressure Duct

Standard



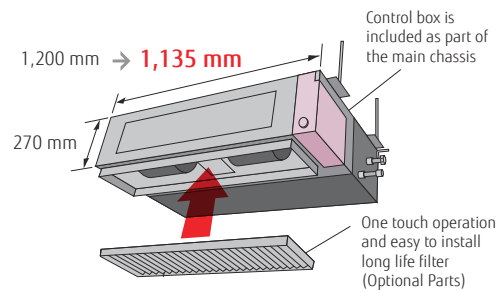
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Slim & Compact design

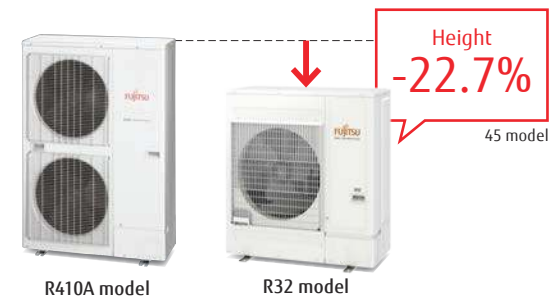
Indoor Unit

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



Outdoor Unit

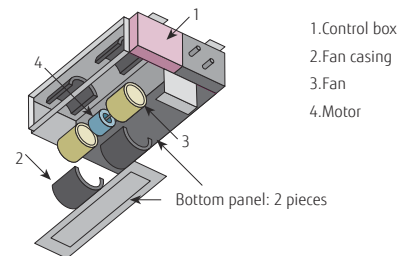
45 model outdoor unit was changed completely. Easier installation was realized by compact and lightweight outdoor unit.



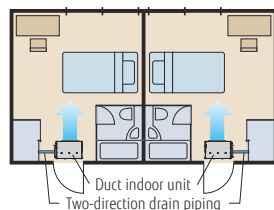
Easy maintenance

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

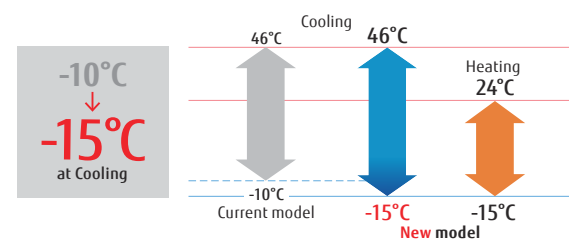
See below for the case of rear suction type



Two-direction drain piping



All class low ambient operation



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



Specifications

Model No.	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG36KRTA	AOYG45KRTA
Power Source			Single phase, ~230V, 50Hz					3 phase, ~400V, 50Hz	
Capacity	Cooling	kW	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-13.0)	9.5 (2.8-11.2)	12.1 (4.0-13.0)
	Heating		7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-15.2)	10.8 (2.7-12.7)	13.5 (4.2-15.2)
Input Power	Cooling/Heating	kW	1.78/1.87	2.14/1.97	2.65/2.63	2.97/2.88	4.22/3.84	2.97/2.88	4.22/3.84
EER	Cooling	W/W	3.37	3.18	3.21	3.20	2.87	3.20	2.87
COP	Heating		3.74	3.80	3.80	3.75	3.52	3.75	3.52
Pdesign	Cooling/Heating(-10°C)	kW	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	9.5/8.7	-
SEER	Cooling	W/W	6.10	6.20	6.23	6.10	-	6.10	-
SCOP	Heating		4.10	4.10	4.00	4.00	-	4.00	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	A++	-
	Heating		A+	A+	A+	A+	-	A+	-
Max. Operating Current	Cooling/Heating	A	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	10.5/10.5	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	344	384	477	545	-	545	-
	Heating		1,637	2,045	2,797	3,044	-	3,044	-
Moisture Removal		l/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	39/35/30/26	42/38/32/28
	Indoor (Heating)	H/M/L/Q	31/29/27/25	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
	Outdoor (Cooling/Heating)	High	51/51	53/54	53/55	55/55	57/57	55/55	57/57
Sound Power Level	Indoor (Cooling/Heating)	High	60/62	60/62	65/69	65/70	68/70	65/70	68/70
	Outdoor (Cooling/Heating)	High	63/63	65/66	68/69	70/70	71/71	70/70	71/71
	Indoor / Outdoor (Cooling)	High	1,100/2,240	1,100/2,700	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450
Airflow Rate	Indoor / Outdoor (Heating)	High	1,100/1,960	1,100/2,700	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450
	Static pressure range (Standard)	Pa	30 to 150 (35)	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30-150 (47)	30-150 (60)
Net Dimensions H x W x D	Indoor	mm	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700
	Outdoor	mm	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320
Weight	Indoor	kg(lbs)	35 (77)	35 (77)	38 (84)	38 (84)	39 (86)	38 (84)	39 (86)
	Outdoor	kg(lbs)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	53 (117)	67 (148)
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 hose Diameter (I.D./O.D.)		mm	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1
Max. Pipe Length (Pre-Charge)		m	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference		m	25	25	30	30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	1.25 (0.844)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.70(1.823)	1.90(1.283)	2.70(1.823)

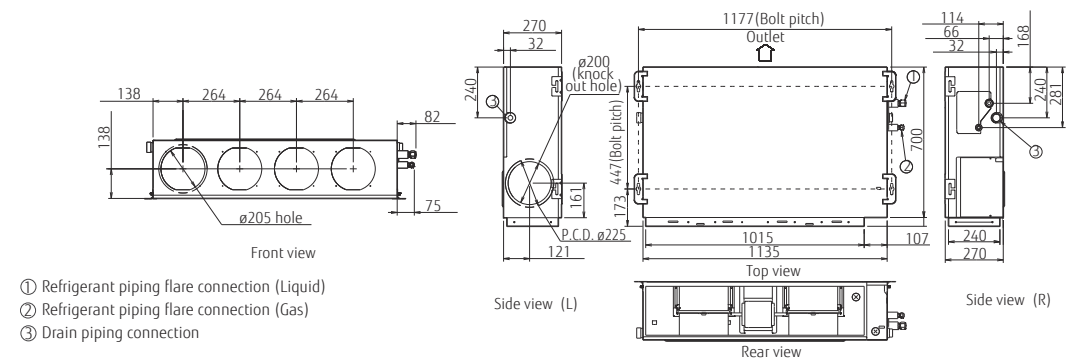
Optional parts

* 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-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY		FJ-RC-WIFI-1	Drain Pump Unit:	UTZ-PX1NBA
	UTY-RNNYM	Flange (Round):	UTD-RF204	Long-Life Filter:	UTD-LF25NA
	UTY-RVNYM	Flange (Square):	UTD-SF045T		
Simple Remote Controller (Without operation mode):	UTY-RHRY	IR Receiver Unit:	UTY-LBTYM	(Outdoor unit 30/36/45/54)	
Simple Remote Controller:	UTY-RSRY	Remote Sensor Unit:	UTY-XSZX	External Connect Kit:	UTY-XWZXZ3
	UTY-RSNYM	External Connect Kit:	UTY-XWZXZG		

Dimensions

(Unit : mm)

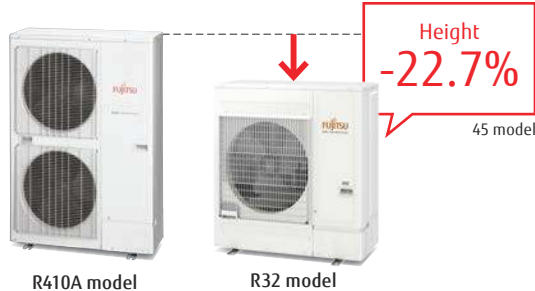
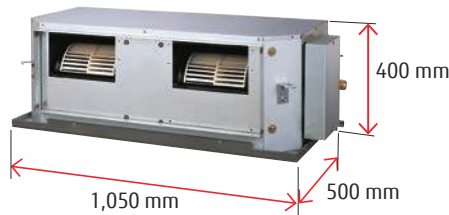


High Static Pressure Duct

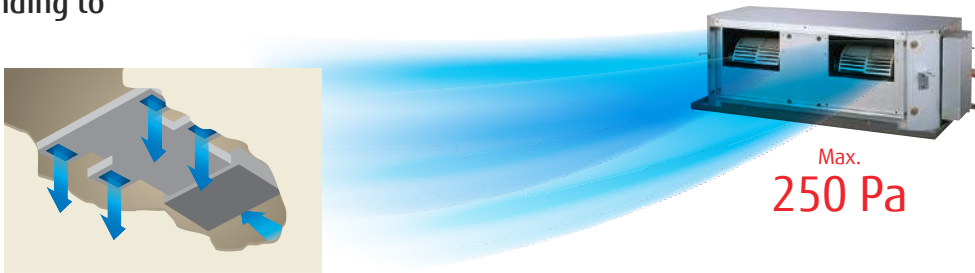


Easy installation
(Compact size & Lightweight)

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

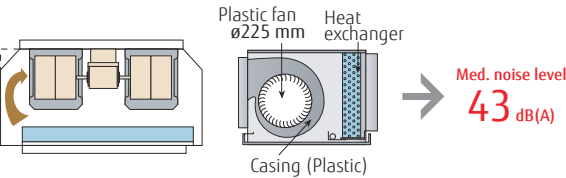


Design also corresponding to
high static pressure

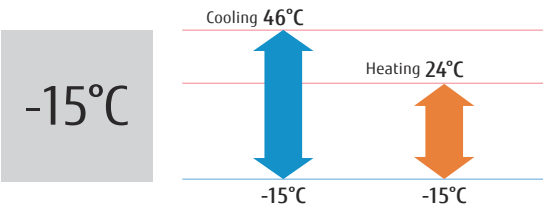


Low noise

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		3 phase, ~400V, 50Hz	
Capacity	Cooling	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)	12.1 (4.0-14.0)	13.4 (5.0-14.5)
	Heating		13.5 (5.0-16.2)	15.5 (5.5-18.0)	13.5 (5.0-16.2)	15.5 (5.5-18.0)
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18	4.16/3.61	4.77/4.18
EER	Cooling	W/W	2.91	2.81	2.91	2.81
COP	Heating		3.74	3.71	3.74	3.71
Pdesign	Cooling/Heating(-10°C)	kW	-	-	-	-
SEER	Cooling	W/W	-	-	-	-
SCOP	Heating		-	-	-	-
Energy Efficiency Class	Cooling		-	-	-	-
	Heating		-	-	-	-
Max. Operating Current	Cooling/Heating	A	28.5/28.5	28.5/28.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	-	-	-	-
	Heating		-	-	-	-
Moisture Removal			l/h	2.0	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L	47/43/40	47/43/40	47/43/40	47/43/40
	Indoor (Heating)	H/M/L	47/43/40	47/43/40	47/43/40	47/43/40
	Outdoor(Cooling/Heating)	High	57/57	57/59	57/57	57/59
	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
	Indoor(Cooling/Heating)	High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Airflow Rate	Indoor / Outdoor (Cooling)	High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
	Indoor / Outdoor (Heating)	High	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Static pressure range (Standard)			Pa	100 to 250 (100)	100to250 (100)	100to250 (100)
Net Dimensions H x W x D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500
Weight	Outdoor	mm	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320
	Indoor	kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)
	Outdoor	kg(lbs)	67 (148)	67 (148)	67 (148)	67 (148)
Connection Pipe Diameter (Liquid / Gas)			mm	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			mm	23.4/25.4	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)			m	50 (30)	50 (30)	50 (30)
Max. Height Difference			m	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	2.70(1.823)	2.70(1.823)	2.70(1.823)	2.70(1.823)

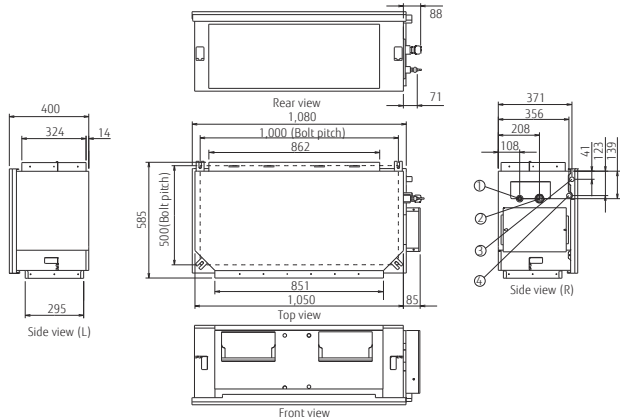
Optional parts

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

Wired Remote Controller: UTY-RNNYM UTY-RVNYM	External Connect Kit: UTD-ECSSA Remote Sensor Unit: UTY-XS2X	Network Converter for single split (DC power supply type): UTY-VTGX Network Converter for single split (AC power supply type): UTY-VTGXV
Simple Remote Controller: UTY-RSNYM	Long-Life Filter: UTD-LF60KA	
Wireless LAN Interface: UTY-TFNXZ1 FJ-RC-WIFI-1	External Switch Controller: UTY-TERX	(Outdoor unit 45/54) External Connect Kit: UTY-XWZX23

Dimensions

(Unit : mm)



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

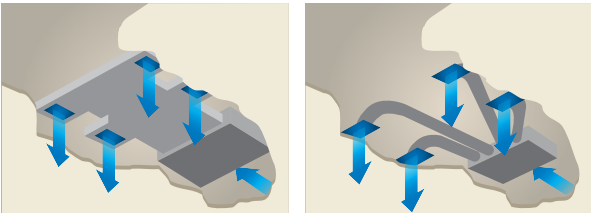
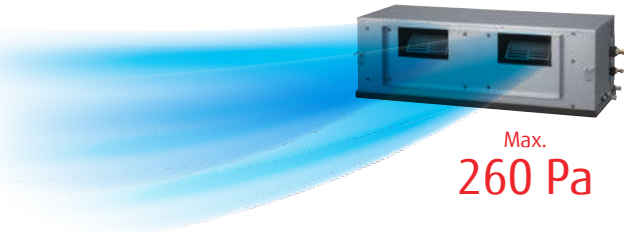
High Static Pressure Duct



High energy efficiency

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

Design also corresponding to high static pressure



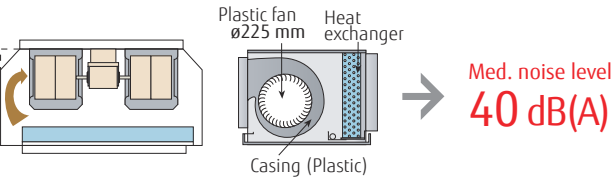
Easy installation (Compact size & Lightweight)

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

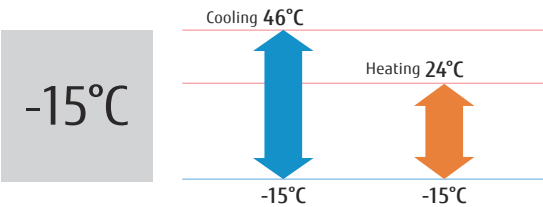


Low noise

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		AOYG60LATT	
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	W/W	3.19	
COP	Heating		3.50	
Max. Operating Current	Cooling/Heating	A	12.5 /12.5	
Moisture Removal			l/h	
Sound Pressure	Indoor (Cooling)	H/M/L/Q	dB(A)	45/40/36/-
	Indoor (Heating)	H/M/L/Q		45/40/36/-
	Outdoor(Cooling/Heating)	High		56/58
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	3,550/6,900
	Indoor / Outdoor (Heating)	High		3,550/7,300
Static pressure range (Standard)			Pa	60 to 260 (60)
Net Dimensions	Indoor	mm	425 × 1,250 × 490	
H × W × D	Outdoor	mm	1,290 × 900 × 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.)			mm	23.4/25.4
Max. Pipe Length (Pre-Charge)			m	75 (30)
Max. Height Difference				30
Operating Range	Cooling	°CDB	-15 to 46	
	Heating		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	
	Charge	kg(CO2eq-T)	3.45 (7.204)	

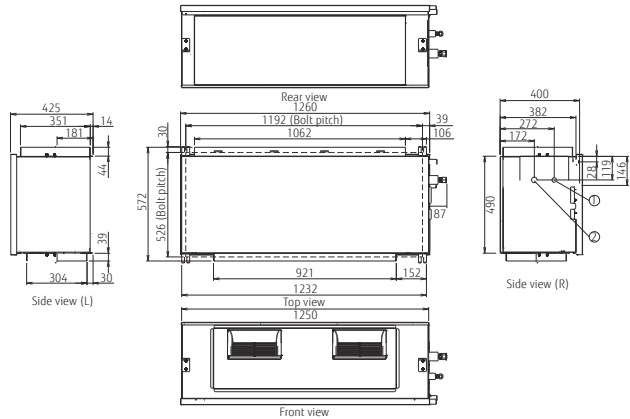
Optional parts

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

Wired Remote Controller:	UTY-RNNYM	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller:	UTY-RVNYM	Network Converter for single split (AC power supply type):	UTY-VTGXV
Simple Remote Controller:	UTY-RSNYM	External Connect Kit:	UTD-ECS5A
External Switch Controller:	UTY-TERX	IR Receiver Unit	UTY-LRHYM
Wireless LAN Interface:	UTY-TFNXZ1		
	FJ-RC-WIFI-1	(Outdoor unit AOYG60LATT)	
Remote Sensor Unit:	UTY-XSZX	External Connect Kit:	UTY-XWZXZ2

Dimensions

(Unit : mm)



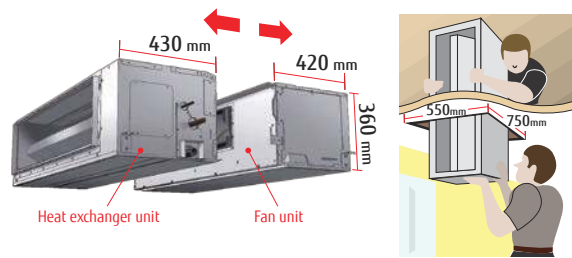
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection (Safety drain pan)
- ④ Drain piping connection(Main drain pan)

Big Duct



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.



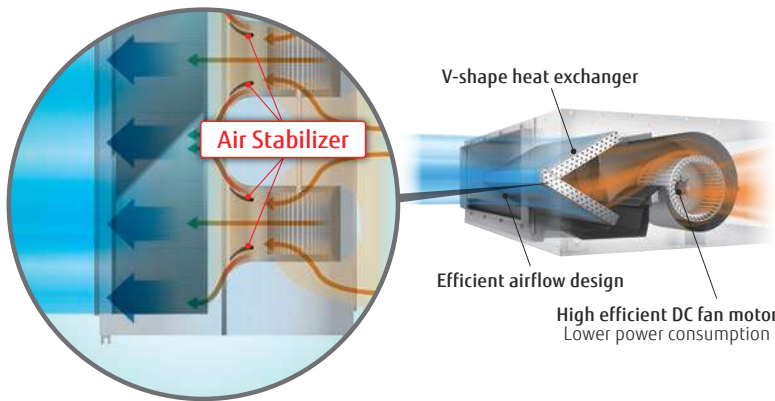
Automatic Airflow adjustment function

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
	Outdoor unit		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
	Cooling	W/W	2.94	2.83
EER	Heating	W/W	3.40	3.30
	Cooling	W/W	2.94	2.83
COP	Indoor(Cooling/Heating)	A	-	-
	Outdoor(Cooling/Heating)	A	-	-
Max. Operating Current	Indoor(Cooling/Heating)	A	-	-
	Outdoor(Cooling/Heating)	A	-	-
Moisture Removal	Indoor (Cooling)	l/h	4.5	6.0
	Indoor (Heating)	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
Airflow Rate	Outdoor(Cooling/Heating)	High	55/55	55/57
	Indoor / Outdoor (Cooling)	High	4,300/8,400	4,300/8,400
Static pressure range (Standard)	Indoor / Outdoor (Heating)	High	4,300/8,400	4,300/9,000
	Indoor / Outdoor (Heating)	High	4,300/8,400	4,300/9,000
Net Dimensions	Indoor	mm	360 × 1,400 × 850	360 × 1,400 × 850
	Outdoor	mm	1,428 × 1,080 × 480	1,428 × 1,080 × 480
Weight	Indoor	kg(lbs)	69 (152)	80 (176)
	Outdoor	kg(lbs)	165 (364)	174 (384)
Connection Pipe Diameter (Liquid / Gas)	Indoor	mm	12.7/25.4	12.7/25.4
	Outdoor	mm	25/32	25/32
Drain Hose Diameter (I.D./O.D.)	Indoor	m	100 (30)	100 (30)
	Outdoor	m	100 (30)	100 (30)
Max. Pipe Length (Pre-Charge)	Indoor	°CDB	-15 to 46	-15 to 46
	Outdoor	°CDB	-20 to 24	-20 to 24
Max. Height Difference	Cooling	°CDB	-15 to 46	-15 to 46
	Heating	°CDB	-20 to 24	-20 to 24
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating	°CDB	-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	5.6 (11.693)	7.1 (14.825)

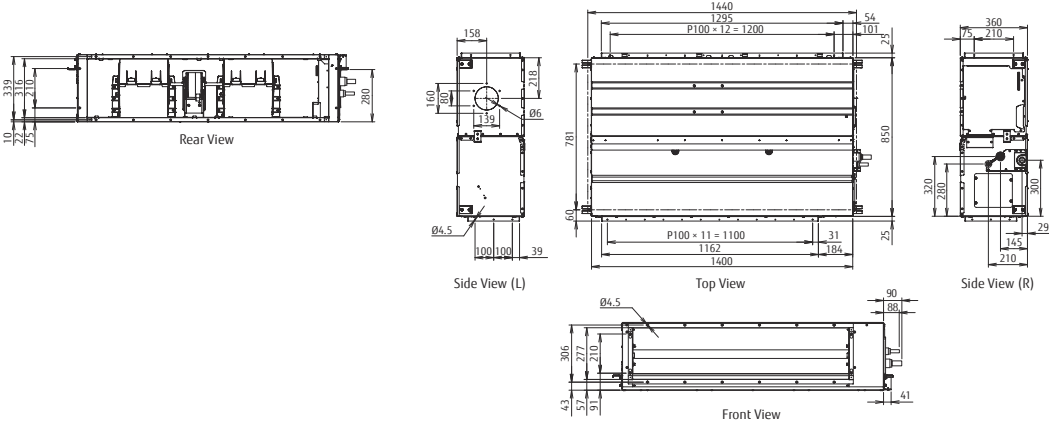
Optional parts

* For optional parts compatibility of Intesis devices, 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-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY		FJ-RC-WIFI-1	IR Receiver Unit:	UTY-LBTYM
	UTY-RNNYM	External input and output PCB:	UTY-XCSX		UTY-LRHYM
	UTY-RVNYM	Remote Sensor Unit:	UTY-XSZX		
Simple Remote Controller (Without operation mode):	UTY-RHRY	Long Life Filter	UTD-LFKA	(Outdoor unit 72/90)	
Simple Remote Controller:	UTY-RSRY	External Connect Kit:	UTY-XWZXG	External Connect Kit:	UTY-XWZXZ3
	UTY-RSNYM	Drain Pump Unit:	UTZ-PX1NAB		

Dimensions

(Unit : mm)





Floor

Compact & Comfort



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.

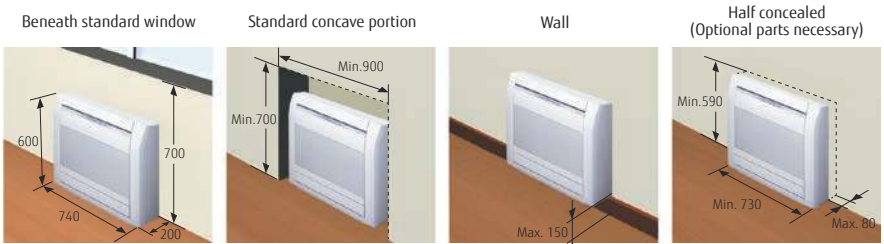


SEER 8.50^{*1} SCOP 4.30^{*1}

*1: 09 model

Flexible & easy installation

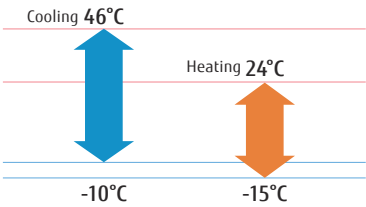
Due to compact and whole surface suction method model, floor, concealed, half concealed, or wall mounted installation can be available to match the room layout.



*Concaved position installation with conceal is prohibited.

Low ambient operation

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



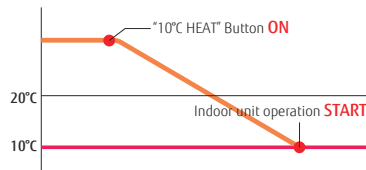
Smart device Control (Option)

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: AGYG09KVCA / AGYG12KVCA / AGYG14KVCA



Specifications

Model No.	Indoor unit		AGYG09KVCA	AGYG12KVCA	AGYG14KVCA
	Outdoor unit		AOYG09KVCA	AOYG12KVCA	AOYG14KVCA
Power Source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.5 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.2)
	Heating		3.5 (0.9-5.1)	4.5 (0.9-5.3)	5.2 (0.9-6.3)
Input Power	Cooling/Heating	kW	0.53/0.81	0.88/1.22	1.06/1.41
EER	Cooling	W/W	4.70	4.00	3.95
COP	Heating		4.30	3.70	3.70
Pdesign	Cooling/Heating(-10°C)	kW	2.50/2.60	3.50/3.50	4.20/4.20
SEER	Cooling	W/W	8.50	8.20	8.10
SCOP	Heating (Average)		4.30	4.10	4.00
Energy Efficiency Class	Cooling		A+++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.0/8.5	7.0/8.5	11.0/12.0
Annual Energy Consumption	Cooling	kWh/a	103	149	181
	Heating (Average)		845	1,192	1,466
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/35/29/22	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/M/L/Q	41/35/29/22	41/35/29/22	43/37/29/22
Sound Power Level	Outdoor(Cooling/Heating)	High	43/47	45/51	51/50
	Indoor(Cooling/Heating)	High	53/54	53/54	57/56
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
	Indoor / Outdoor (Heating)	High	600/1,510	600/1,510	650/2,100
Net Dimensions H x W x D	Indoor	mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg(lbs)	14(31)	14(31)	14(31)
	Outdoor	kg(lbs)	31(68)	31(68)	38(83)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain hose Diameter (I.D./O.D.)			13.8 / 15.8 to 16.7	13.8 / 15.8 to 16.7	13.8 / 15.8 to 16.7
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.94 (0.635)

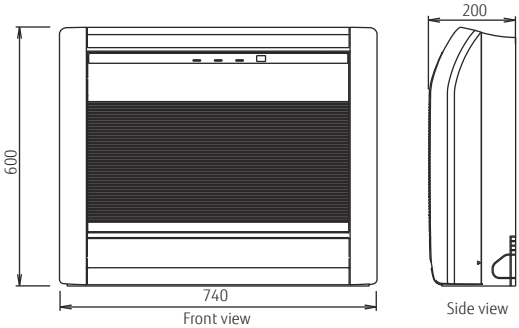
Optional parts

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

Compact Wired Remote Controller:	UTY-RCRYZ1	Simple Remote Controller:	UTY-RSRY	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	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-TFSXZ1	Communication Kit:	UTY-TWRXZ3
Simple Remote Controller (Without operation mode):	UTY-RHRY	Half Concealed Kit:	UTR-STA	External connect kit	UTY-XWZX25

Dimensions

(Unit : mm)



Ceiling



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]



ABYG18/22KRTA



ABYG24/30KRTA



ABYG36/45/54KRTA



For ABYG18/22KRTA



For ABYG24KRTA



For ABYG30/36KRTA



For ABYG45/54KRTA

Specifications

Model No.	Indoor unit		Outdoor unit						3 phase, ~400V, 50Hz		
	Outdoor unit		ABYG18KRTB	ABYG22KRTB	ABYG24KRTB	ABYG30KRTB	ABYG36KRTB	ABYG45KRTB	ABYG36KRTA	ABYG45KRTA	ABYG54KRTA
Power Source			Single phase, ~230V, 50Hz								
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(0.9-5.9)	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	W/W	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	W/W	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		l/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	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain 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			20	25	25	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
	Charge	kg(CO2eq-T)	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

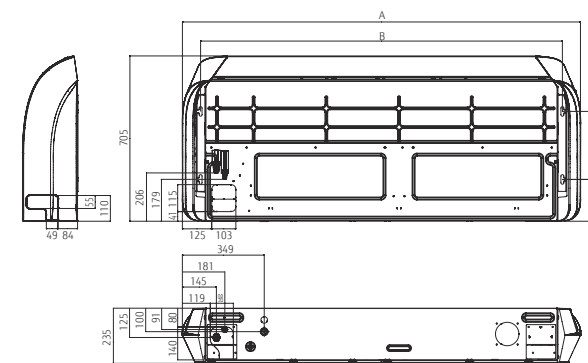
* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-046.

Compact Remote Controller:	UTY-RCRYZ1	External Connect Kit :	UTY-XWZXZG	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller :	UTY-RLRY	Drain Pump Unit:	UTR-DPB24T		
Simple Remote Controller (Without operation mode):	UTY-RHRY	IR Receiver Unit :	UTY-LBTYH		
Simple Remote Controller:	UTY-RSRY	L-Type Piping Kit:	UTP-FX24A (18/22/24)		
External input and output PCB :	UTY-XCSX		UTP-FX35A (30/36/45/54)		
External input and output PCB Box :	UTZ-GXEA	External Switch Controller :	UTY-TERX		

(Outdoor unit 30/36/45/54)
External Connect Kit: UTY-XWZXZG

Dimensions

(Unit : mm)



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



Compact cassette



Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA	AOYG22KATA	AOYG24KATA
Power Source			Single phase, ~230V, 50Hz					
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
	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
Airflow Rate	Indoor / Outdoor (Heating)	High	540/1,550	600/1,410	800/1,580	800/1,840	860/2,240	930/2,350
Net Dimensions	Indoor	mm	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290
H x W x D	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.)			25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	15 (15)	15 (15)	20 (15)	20 (15)	25 (15)	25(20)
Max. Height Difference			15	15	15	15	20	20
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
	Charge		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	mm	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
	Dimensions (H × W × D)		49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620
	Weight		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			Single phase, ~230V, 50Hz							3 phase, ~400V, 50Hz		
Capacity	Cooling	kW	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)
	Heating		6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)
Input Power	Cooling/Heating	kW	1.60/1.66	1.85/1.93	2.12/1.97	2.56/2.64	3.06/2.58	4.32/3.77	4.87/4.86	3.06/2.58	4.32/3.77	4.87/4.86
EER	Cooling	W/W	3.25	3.24	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75
COP	Heating		3.61	3.63	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19
Pdesign	Cooling/Heating(-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
SEER	Cooling	W/W	6.2	6.2	6.1	6.1	6.1	-	-	6.1	-	-
SCOP	Heating		4.1	4.1	4.0	4.0	4.0	-	-	4.0	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating		A+	A+	A+	A+	A+	-	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	28.1/28.1	10.5/10.5	13.6/13.6	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	293	338	390	488	545	-	-	545	-	-
	Heating		1,297	1,502	1,887	2,794	3,044	-	-	3,044	-	-
Moisture Removal		l/h	1.5	2.2	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36
	Indoor (Heating)	H/M/L/Q	33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36
Sound Power Level	Outdoor(Cooling/Heating)	High	51/52	52/53	54/55	53/55	55/55	58/59	58/61	55/55	60/60	61/61
	Indoor(Cooling/Heating)	High	47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	-/-	-/-
	Outdoor(Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	74/75	70/70	72/73	74/75
	Indoor / Outdoor (Cooling)	High	1,050/1,710	1,050/2,240	1,150/2,885	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,450	2,100/4,450
Airflow Rate	Indoor / Outdoor (Heating)	High	1,050/1,840	1,050/2,240	1,150/2,350	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,780	1,870/3,750	2,000/4,450	2,100/4,780
Net Dimensions	Indoor	mm	246 × 840 × 840	246 × 840 × 840	246 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840
	Outdoor	mm	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
H × W × D	Indoor	kg(lbs)	23(51)	23(51)	24(53)	26(57)	29(64)	29(64)	29(64)	29(64)	29(64)	29(64)
	Outdoor	kg(lbs)	33(73)	36(79)	38(84)	52(115)	52(115)	61(134)	63(139)	53(117)	62(137)	63(139)
Connection Pipe Diameter (Liquid / Gas)			6.35/12.70	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)			20 (15)	25 (15)	25(20)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
Max. Height Difference			15	20	20	30	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
	Charge		0.9(0.608)	1.1(0.743)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.4(1.620)	2.4(1.620)	1.90(1.283)	2.4(1.620)	2.4(1.620)
Cassette Grille	Model name	mm	UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKYC-W: White Color / UTG-UKYA-B*: Black Color									
	Dimensions (H × W × D)		53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950
	Weight		6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)

Slim Duct



Model No.	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP	
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA	
Power Source			Single phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.5(0.9-2.7)	3.5(0.9-3.7)	4.3(0.9-4.5)	5.2(0.9-5.4)	
	Heating		3.2(0.9-3.9)	4.1(0.9-4.4)	5.0(0.9-5.3)	6.0(0.9-6.3)	
Input Power	Cooling/Heating	kW	0.69/0.88	1.09/1.17	1.37/1.42	1.66/1.71	
EER	Cooling	W/W	3.62	3.21	3.14	3.13	
COP	Heating		3.64	3.50	3.52	3.51	
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8	
SEER	Cooling	W/W	5.9	5.8	5.6	5.8	
SCOP	Heating		3.8	3.8	3.8	3.8	
Energy Efficiency Class	Cooling		A+	A+	A+	A+	
	Heating		A	A	A	A	
Max. Operating Current	Cooling/Heating	A	6.9/6.9	7.7/7.7	9.2/9.2	10.1/10.1	
Annual Energy Consumption	Cooling	kWh/a	148	211	269	313	
	Heating		847	1,031	1,177	1,398	
Moisture Removal		l/h	0.7	1.3	1.5	2.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q		28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
Sound Power Level	Outdoor(Cooling/Heating)	High		47/48	49/50	50/51	51/52
	Indoor(Cooling/Heating)	High		57/57	58/58	60/60	58/58
Airflow Rate	Outdoor(Cooling/Heating)	High	60/60	62/62	63/63	63/64	
	Indoor / Outdoor (Cooling)	High	m³/h	600/1,610	650/1,630	800/1,670	940/1,710
Static pressure range (Standard)	Indoor / Outdoor (Heating)	High		600/1,550	650/1,410	800/1,580	940/1,840
			Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620	
Weight	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	
	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.)			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			Single phase, ~230V, 50Hz					3 phase, ~400V, 50Hz		
Capacity	Cooling	kW	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	
	Heating		7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	10.8(2.7-12.5)	13.5(4.2-15.0)	
Input Power	Cooling/Heating	kW	1.92/2.00	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18	
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50	
COP	Heating		3.50	3.75	3.61	3.56	3.23	3.56	3.23	
Pdesign	Cooling/Heating(-10°C)	kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-	
SEER	Cooling	W/W	5.8	5.9	5.8	5.6	-	5.6	-	
SCOP	Heating		3.8	3.9	3.9	3.9	-	3.9	-	
Energy Efficiency Class	Cooling		A+	A+	A+	A+	-	A+	-	
	Heating		A	A	A	A	-	A	-	
Max. Operating Current	Cooling/Heating	A	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6	
Annual Energy Consumption	Cooling	kWh/a	362	403	513	594	-	594	-	
	Heating		1,620	1,935	2,871	3,122	-	3,122	-	
Moisture Removal			l/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	31/29/27/25	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	39/35/30/26	42/38/32/28
	Indoor (Heating)	H/M/L/Q		31/29/27/25	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
Sound Power Level	Outdoor(Cooling/Heating)	High		52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor(Cooling/Heating)	High		60/62	60/62	65/69	65/70	68/70	65/70	68/70
Airflow Rate	Outdoor(Cooling/Heating)	High	64/65	66/67	68/69	70/70	72/73	70/70	72/73	
	Indoor / Outdoor (Cooling)	High	m³/h	1,100/2,240	1,100/2,885	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450
Static pressure range (Standard)	Indoor / Outdoor (Heating)	High		1,100/2,240	1,100/2,350	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450
			Pa	30 - 150 (35)	30 - 150 (35)	30 - 150 (47)	30 - 150 (47)	30 - 150 (60)	30 - 150 (47)	30 - 150 (60)
Net Dimensions H x W x D	Indoor	mm	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	270 × 1,135 × 700	
Weight	Outdoor	mm	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	
	Indoor	kg(lbs)	35(77)	35(77)	38(84)	38(84)	39(86)	38(84)	39(86)	
	Outdoor	kg(lbs)	36(79)	38(84)	52(115)	52(115)	61(134)	53(117)	62(137)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Drain port Diameter (I.D./O.D.)				25/32	25/32	25/32	25/32	35.7/38.1	35.7/38.1	
Max. Pipe Length (Pre-Charge)			m	25 (15)	25(20)	30(30)	30(30)	30(30)	30(30)	
Max. Height Difference				20	20	30	30	30	30	
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	
	Charge	kg(CO2eq-T)	1.1(0.743)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.4(1.620)	1.9(1.283)	2.4(1.620)	

Ceiling



Model No.	Indoor unit		ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KQTA	ABYG45KQTA
	Outdoor unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA
Power Source			Single phase, ~230V, 50Hz						3 phase, ~400V, 50Hz	
Capacity	Cooling	kW	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	9.5(2.8-10.6)	12.1(4.0-12.6)
	Heating		6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	10.8(2.7-12.5)	13.5(4.2-15.0)
Input Power	Cooling/Heating	kW	1.66/1.71	1.95/2.09	2.19/2.00	2.78/2.86	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18
EER	Cooling	W/W	3.13	3.08	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating		3.51	3.35	3.75	3.5	3.56	3.23	3.56	3.23
Pdesign	Cooling/Heating(-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-
SEER	Cooling	W/W	5.8	5.6	6.0	5.8	5.6	-	5.6	-
SCOP	Heating		3.8	3.8	3.9	3.9	3.9	-	3.9	-
Energy Efficiency Class	Cooling		A+	A+	A+	A+	A+	-	A+	-
	Heating		A	A	A	A	A	-	A	-
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6
Annual Energy Consumption	Cooling	kWh/a	538	375	679	512	594	-	594	-
	Heating		1,398	1,618	1,935	2,871	3,117	-	3,117	-
Moisture Removal		l/h	2.0	2.5	2.2	3.0	2.6	4.5	2.6	4.5
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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
	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
Sound Power Level	Outdoor(Cooling/Heating)	High		51/52	52/53	54/55	53/55	55/55	58/59	55/55
	Indoor(Cooling/Heating)	High		53/53	57/57	56/56	60/60	59/59	60/60	59/59
Airflow Rate	Outdoor(Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	70/70	
	Indoor / Outdoor (Cooling)	High	840/1,710	900/2,240	1,230/2,885	1,400/3,750	1,850/3,750	1,900/4,450	1,850/3,750	
Net Dimensions H x W x D	Indoor / Outdoor (Heating)	High	840/1,840	900/2,240	1,230/2,350	1,400/3,750	1,800/3,750	1,850/4,450	1,800/3,750	
	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	
Weight	Indoor	mm	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	988 × 940 × 320	788 × 940 × 320	
	Indoor	kg(lbs)	24(53)	24(53)	31(68)	31(68)	38(84)	38(84)	38(84)	
Connection Pipe Diameter (Liquid / Gas)	Indoor	kg(lbs)	33(73)	36(79)	38(84)	52(115)	52(115)	61(134)	53(117)	
	Outdoor	mm	6.35/12.7	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Drain port Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	
Max. Pipe Length (Pre-Charge)		m	20(15)	25(15)	25(20)	30(30)	30(30)	30(30)	30(30)	
Max. Height Difference			15	20	20	30	30	30	30	
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	
	Charge	kg(CO2eq-T)	0.9(0.608)	1.1(0.743)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.40(1.620)	1.90(1.283)	

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 ASYG18/24KLCA
								
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							
Comfortable Function	 Power diffuser	●						
	 Server room operation							
	 Powerful mode	●	●	●	●	●	●	●
	 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							
	 Individual airflow direction control							
Convenient Function	 Auto off timer		○		○	○	○	
	 Sleep timer	●	●	●	●	●	●	●
	 Program timer	●	●	●	●	●	●	●
	 Weekly timer		●	●	○	●	●	
	 Weekly + setback timer		○		○	○		
	 Filter sign		●	●	●	●	●	●
	 External error output		○		○	○	○	
	 External ON/OFF input		○		○	○	○	
	 Wireless LAN control	●	○		○	○	○	○
Clean Function	 Plasma air clean	●						
	 Filter auto clean	●						
	 Ion deodorization filter		●	●	○	●	●	
	 Apple-catechin filter		●	●	○	●	●	
	 Long life filter							
	 Washable panel		●	●		●		●
Installation	 Automatic airflow adjustment							
	 Drain pump as standard							
	 Blue fin					●		

○: 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	●	●	●	●	●	●	○	●	○	●
Comfortable Function	Powerful heating										
	Power diffuser										
	Server room operation										
	Powerful mode									●	
	10°C HEAT operation	●	○	○	○	○		○ (60)	○	●	○
	Low noise mode		○ (45/54)		○ (45/54)	○ (45/36/MLA)	○	○	○	●	○
	Auto-changeover	●	●	●	●	●	●	●	●	●	●
	Up/down swing flaps	●	●	○						●	●
	Double swing automatic										
	Automatic fan speed	●	●	●	●	●	●	●	●	●	●
	Auto restart	●	●	●	●	●	●	●	●	●	●
	Connectable fresh air duct		●		●	●					●
	Fresh air intake	○	○	○	○	○	○	○	○		○
	Connectable distributing duct		●			●					
	Individual airflow direction control		●								
Convenient Function	Auto off timer	●	●	●	●	●	●	○	●	○	●
	Sleep timer	●	○	○	○	○		○ (60)	○	●	○
	Program timer	●	○	○	○	○		○ (60)	○	●	○
	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				○	○		○ (60)	○	●	
	Washable panel										
Installation	Automatic airflow adjustment				●				●		
	Drain pump as standard	●	●	●	●	○			○		○
	Blue fin		● (30/36/45/54)	●	● (30/36/45/54)	● (45)	●	●	●		● (30/36/45/54)

○: Optional function