

Light Commercial & Residential SPLIT & MULTI-SPLIT

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

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

SPLIT

- Refrigerant R32 Models
 - Wall-Mounted
 - Cassette
 - Duct
 - Floor
 - Ceiling
- Refrigerant R410A Models
 - Duct

MULTI-SPLIT

- Refrigerant R32 Models
 - 2-unit to 5-unit Multi-Split
 - Simultaneous Multi-Split Twin/Triple
- Refrigerant R410A Models
 - 6-unit Multi-Split
 - Simultaneous Multi-Split Twin/Triple/Double Twin



SPLIT & MULTI-SPLIT

Light Commercial &
Residential

Light Commercial & Residential SPLIT

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Refrigerant R32 Models

Wall-Mounted - Built in WLAN adapter model

- S-016 Designer Range
 - High Spec & Design
 - Cool Beauty Design
- S-020 Standard Range - High-Efficiency & Comfort
- S-022 ECO Range - Compact Size

Wall-Mounted

- S-024 Standard Range
 - High-Efficiency & Large Room
- S-028 ECO Range
 - Compact Size
 - Comfort for Large Room
 - Cooling-enhanced type

Cassette

- S-034 Compact 4-way Flow Range - Compact Size
- S-036 Circular Flow Range - Comfort for Large Room

Duct

- S-038 Slim Duct - Slim Design
- S-040 Medium Static Pressure Duct
 - High-Efficiency & Comfort
 - Compact Size
 - Standard
- S-050 High Static Pressure Duct

Floor, Ceiling

- S-056 Floor - Compact Size
- S-058 Ceiling



Refrigerant R410A Models

Duct

- S-052 High Static Pressure Duct
- S-054 Big Duct



Split Overview

Fujitsu General provides its customers with 5 types and 167 models of air conditioning systems perfect for various customer applications and layouts.



Existing Pipes can be Reused If They Meet Our Guidelines

Please consult with our regional sales subsidiaries for details.

Cautions When Reusing The Existing Pipes

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



Wall-Mounted

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



Duct

The main unit is hidden in the wall, making the room look neat and tidy. The lineup also includes slim duct models that can be installed in narrow spaces such as between beams and under ceilings. Large models, suitable for air conditioning vast spaces, allow multiple outlets to be installed in just one unit, and are perfect for atypical room layouts.



Cassette

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



Floor

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



Ceiling

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

Indoor Units Lineup



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

Type	Range	Refrigerant	Model	Class				Class									
				7	9	12	14	18	22	24	30	36	45	54	60	72	90
Wall-Mounted Built in WLAN adapter model	Designer Range High Spec & Design	 Cooling & Heating	 	ASHH07KGTG	ASHH09KGTG	ASHH12KGTG		ASHH14KGTG									
	Designer Range Minimal Elegance Design	 Cooling & Heating	 	ASHH07KJCAL ASHH07KJCALB	ASHH09KJCAL ASHH09KJCALB	ASHH12KJCAL ASHH12KJCALB		ASHH14KJCAL ASHH14KJCALB									
	Designer Range Cool Beauty Design	 Cooling & Heating	 	ASHG07KETF ASHG07KETF-B	ASHG09KETF ASHG09KETF-B	ASHG12KETF ASHG12KETF-B		ASHG14KETF ASHG14KETF-B									
	Standard Range High-Efficiency & Comfort	 Cooling & Heating	 	ASHH07KMCG ASHH07KMCG-B	ASHH09KMCG ASHH09KMCG-B	ASHH12KMCG ASHH12KMCG-B		ASHH14KMCG ASHH14KMCG-B									
	ECO Range Compact Size	 Cooling & Heating	 	ASHH07KNCA	ASHH09KNCA	ASHH12KNCA											
Wall-Mounted	Standard Range High-Efficiency & Large Rooms	 Cooling & Heating	 					ASHG18KMTE			ASHG24KMTE						
	Standard Range High-Efficiency & Large Rooms	 Cooling & Heating	 									ASHH30KMTB	ASHH36KMTB				
	ECO Range Compact Size	 Cooling & Heating	 	ASHG07KPCE	ASHG09KPCE	ASHG12KPCE											
	ECO Range Comfort for Large Rooms	 Cooling & Heating	 					ASHG18KLCA			ASHG24KLCA						
	ECO Range Cooling-enhanced	 Cooling & Heating	 	ASHH07KLTA	ASHH09KLTA	ASHH12KLTA											

Indoor Units Lineup



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participates in the ECP program for AC.
Check ongoing validity of certificate:
www.eurovent-certification.com

Type	Range	Refrigerant	Model	Class														
				7	9	12	14	18	22	24	30	36	45	54	60	72	90	
Cassette	Compact 4-way Flow Range Compact Size	 Cooling & Heating			AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA								
	Circular Flow Range Comfort for Large Rooms	 Cooling & Heating	 18/22/24  30/36/45/54					AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB				
Duct	Slim Duct	 Cooling & Heating	 09/12/14  18		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP										
	Medium Static Pressure Duct High-Efficiency & Comfort	 Cooling & Heating	 12/14/18  22/24  30/36/45/54			ARXH12KMTAP	ARXH14KMTAP	ARXH18KMTAP	ARXH22KMTAP	ARXH24KMTAP	ARXH30KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH54KMTAP				
	Medium Static Pressure Duct Compact Size	 Cooling & Heating	 12/14  18/22/24/30  36/45/54			ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP				
	Medium Static Pressure Duct Standard	 Cooling & Heating							ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA					
	High Static Pressure Duct	 Cooling & Heating												ARXG45KHTB	ARXG54KHTB			
		 Cooling & Heating														ARHG60LHTA		
	Big Duct	 Cooling & Heating															ARHG72LHTA	ARHG90LHTA
Floor Compact & Comfort	 Cooling & Heating			AGHG09KVCA	AGHG12KVCA	AGHG14KVCA												
Ceiling	 Cooling & Heating	 18/22  24/30  36/45/54					ABHG18KRTA	ABHG22KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG54KRTA					

Features

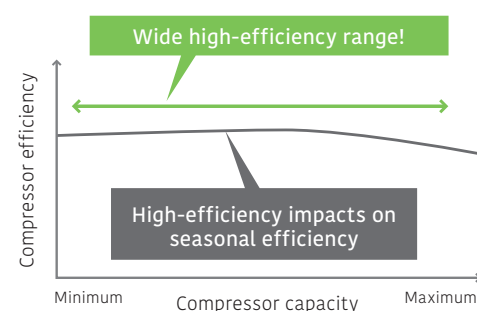
High-Efficiency

ALL DC All DC Inverter Technology



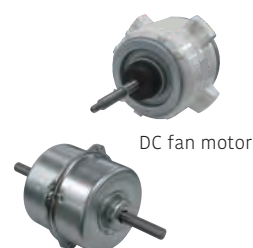
DC Twin-Rotary Compressor

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



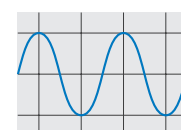
DC Fan Motor

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



Sine-Wave DC Inverter Control

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



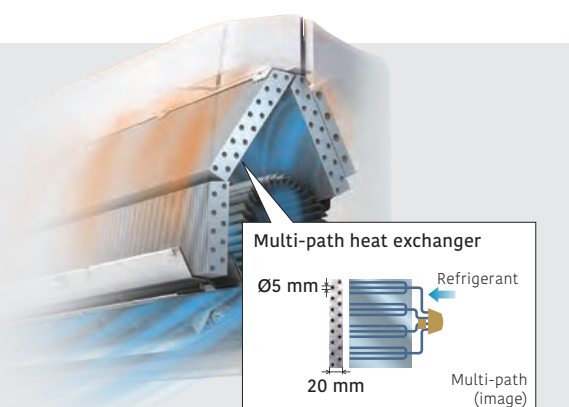
Heat Exchanger for Wall-Mounted

High-density multipath heat exchanger

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

High-performance sub-cool heat exchanger

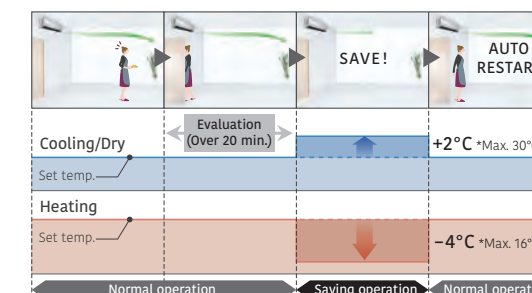
A counter-type bypass circuit has been incorporated to achieve a higher performance. (Large multi-split type, VRF)



High Energy Saving

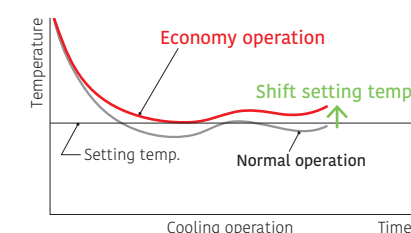
Occupancy Sensor Control

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



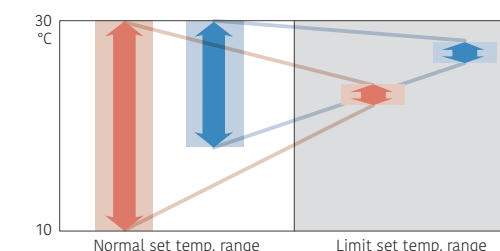
Economy Operation

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



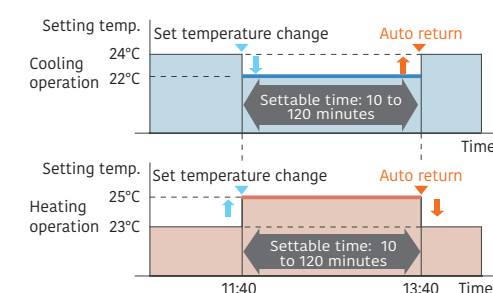
Setting Temperature Range Limitation

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



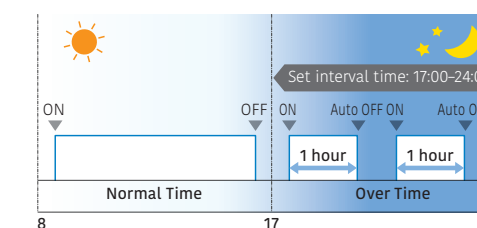
Set Temperature Auto Return

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



Auto-Off Timer

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

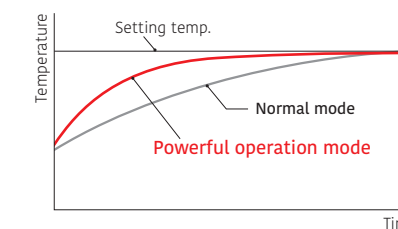


More Comfort



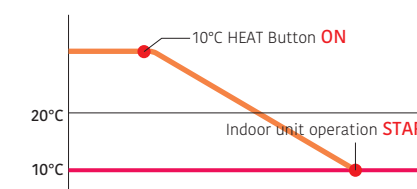
Powerful Operation

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



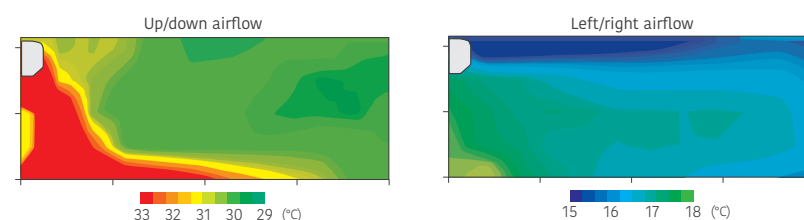
10°C Heat

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



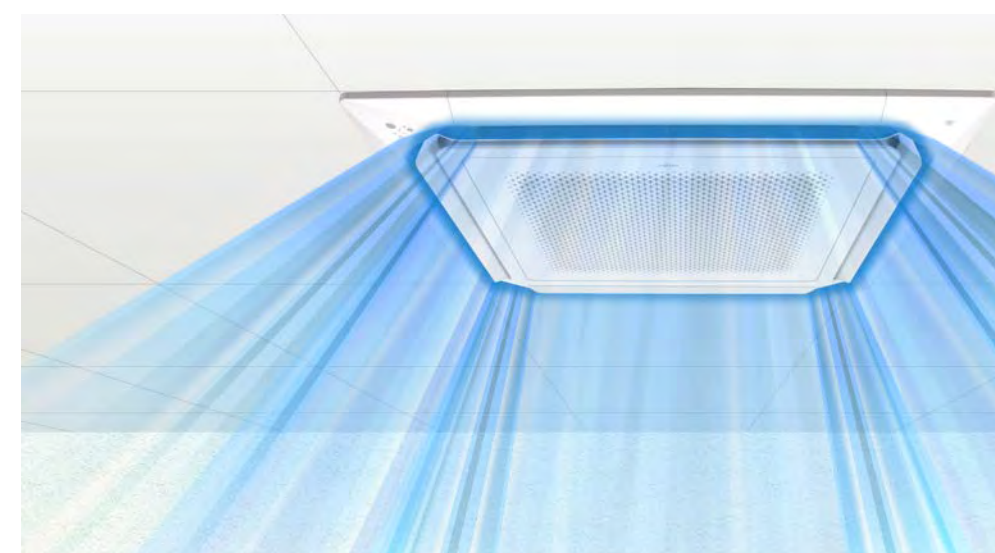
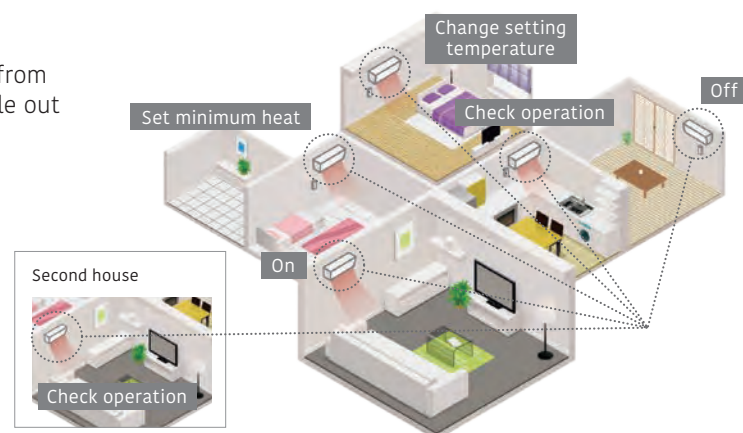
Power Diffuser

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



Wireless LAN Control

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



Uniform Air Conditioning

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



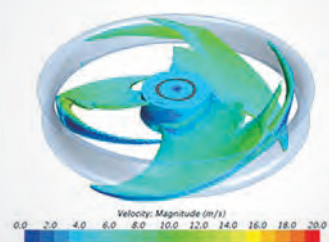
Quiet and Comfort Control



Low Noise Technology

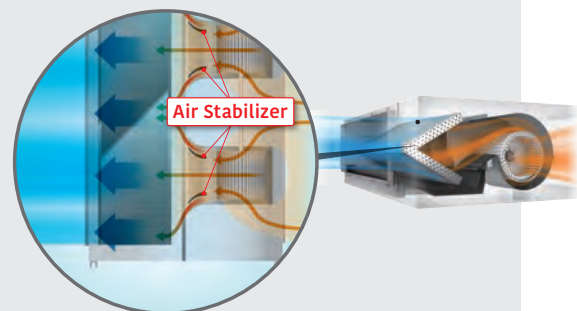
Outdoor Unit Fan

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



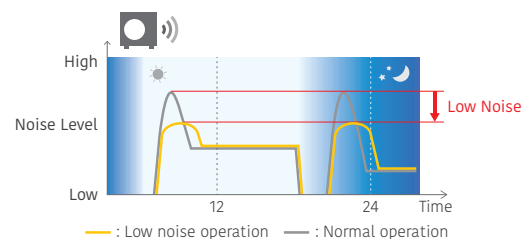
Air Stabilizer in Duct

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



Outdoor Unit Low Noise Operation

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



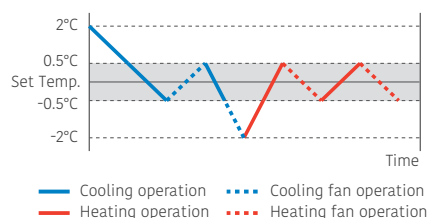
*During Outdoor unit low noise operation, the maximum capacity is reduced, so it may take longer for the room to warm up.

*Even if Outdoor unit low noise operation is set, the operating noise may not decrease if the room temperature is close to the set temperature.



Auto Changeover

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



Fresh Air Intake Kit



Fresh Air Intake for Cassette, Duct, Ceiling

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

Feature Explanation

Energy-Saving Features



Save Occupancy Sensor

The Occupancy sensor detects the movement of people in the room and determines whether to switch to energy saving operation.



Setting Temperature Range Limitation

Sets the minimum and maximum limits on room temperature to establish the right balance between energy saving and a comfortable environment.



Occupancy Sensor Control

The Occupancy sensor (option) detects movement of people in the room and decides whether to save energy or stop the unit.



Set Temperature Auto Return

The setting temperature automatically returns to the previously set temperature.



Economy Operation

The thermostat setting is adjusted automatically according to the room temperature to avoid unnecessary cooling or heating.

Features for Comfort



Power Diffuser

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



Outdoor Unit Low Noise Operation

The noise level of the outdoor unit can be selected.



Double Swing Automatic

Complex swing action of the louver enables automatic swing in both the left/right and up/down directions.



Connectable Fresh Air Duct

Outside air can be introduced by attaching a locally purchased duct to the fresh air knockout and an optional part.



Individual Airflow Direction Control

Each louver of a 4-way Cassette type can be controlled individually to provide comfortable airflow.



Powerful Operation

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



Auto Changeover

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



Automatic Fan Speed

A micro-computer automatically adjusts the airflow to follow the changes in room temperature.



Fresh Air Intake

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



10°C Heat

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



UP/DOWN Swing Louver

The vertical louver automatically swings up and down.



Auto Restart

In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.



Connectable Distributing Duct

Locally purchased branch ducts can be attached to the systems to distribute the airflow.

Convenience Features



Auto-Off Timer

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



Weekly Timer

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



External Error Output



Multi System Control

Operation using "Lead Lag Operation", "Back up operation", "Lag Operation" is possible. (Page C-011)



Sleep Timer

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



Weekly & Temperature Setback Timer

Weekly & Temperature setback timer can set the temperature for 2-time spans and for each day of the week.



External ON/OFF Input



Special Cooling

"Special Cooling" is a function that supports the operation of "Multi System Control".



Program Timer

This digital timer allows selection of one of four options: ON, OFF, ON » OFF, or OFF » ON.



Filter Sign

Indicates the filter cleaning period by blinking.



Wireless LAN Control

The optional WLAN adapter enables the air conditioner to be operated by smartphone or tablet PC from outside the home.



Individual auto

To accommodate Europe's temperature differences between day and night, the system has a function that allows users to set separate temperatures for cooling and heating and automatically switches between them.

Clean Features



Ion Deodorization Filter

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



Washable Panel

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



Apple-Catechin Filter

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



Silver Ion Filter

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



Long-Life Filter



Heat Clean

Heats the heat exchanger (aluminum fins) inside the air conditioner to over 55°C, along with any accumulated water, to quickly and effectively clean it.

Installation / Support



Automatic Airflow Adjustment

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



Refrigerant Cycle Monitor

The values of each sensor and actuator can be displayed, and the status of the refrigeration cycle can be checked.



Drain Pump As Standard



Blue Fin



All DC models

SPLIT

KG
Series

Wall-Mounted

Built-in WLAN adapter model
Designer Range
High Spec & Design



High Energy Saving

Top class high efficiency is achieved by high efficient lambda-shaped heat exchanger, large cross flow fan and R32 refrigerant.



*07/09/12 models

SEER

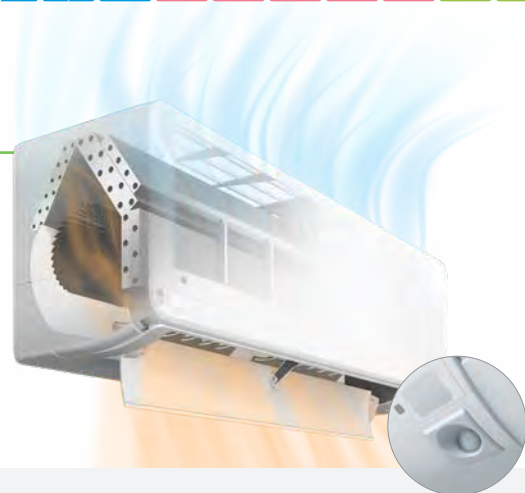
9.80*

*07 model

SCOP

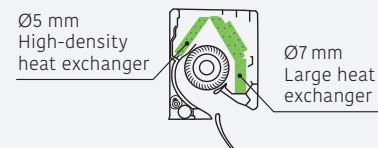
5.20*

*07/09/12 models



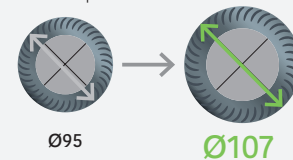
Hybrid-heat exchanger

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



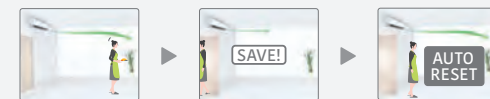
Ø107 Large cross-flow fan

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



Occupancy sensor

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



Comfortable Airflow & Quiet Operation

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



Quiet & Comfort

19 dB(A)

(07/09/12 models)

Cooling only

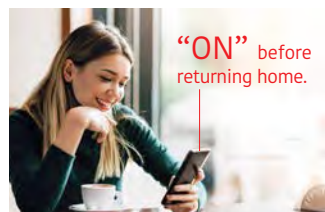
Smart Device Control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

* See page C-022 for details on smart device control.



AIRSTAGE
Mobile

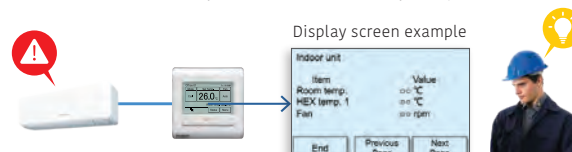


"ON" before
returning home.

Refrigerant Cycle Monitor (option)

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

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



Model: ASHH07KGTG / ASHH09KGTG / ASHH12KGTG / ASHH14KGTG



WLAN adapter
(Built-in)



Wireless RC



Specifications

Model name	Indoor unit			ASHH07KGTG	ASHH09KGTG	ASHH12KGTG	ASHH14KGTG
	Outdoor unit			AOHH07KGCG	AOHH09KGCG	AOHH12KGCG	AOHH14KGCG
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9-3.3	0.9-3.6	0.9-4.1	0.9-4.5
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9-5.2	0.9-5.4	0.9-6.1	0.9-6.4
Input Power	Cooling/Heating		kW	0.400 / 0.500	0.550 / 0.600	0.870 / 0.910	1.220 / 1.450
EER	Cooling		W/W	5.00	4.55	3.91	3.44
COP	Heating		W/W	5.00	4.67	4.40	3.72
Pdesign	Cooling/Heating (-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		W/W	9.80	9.40	8.80	8.00
SCOP	Heating (Average)			5.20	5.20	5.20	4.60
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	71	93	135	184
	Heating			618	646	673	1,217
Moisture Removal			l/h	1.1	1.3	1.6	1.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 32 / 29 / 19	38 / 34 / 29 / 19	40 / 35 / 30 / 19	43 / 36 / 30 / 20
	Indoor (Heating)	H/M/L/Q		38 / 34 / 31 / 20	39 / 34 / 31 / 20	42 / 38 / 33 / 21	44 / 39 / 33 / 24
Sound Power Level	Outdoor (Cooling/Heating)	High		42 / 43	44 / 45	50 / 50	50 / 50
	Indoor (Cooling/Heating)	High		49 / 51	52 / 52	56 / 58	57 / 59
Airflow Rate	Outdoor (Cooling/Heating)	High	m³/h	56 / 56	58 / 58	65 / 66	65 / 66
	Indoor/Outdoor (Cooling)	High		570 / 1,390	640 / 1,480	680 / 1,800	750 / 1,800
	Indoor/Outdoor (Heating)	High		610 / 1,350	630 / 1,420	750 / 1,690	780 / 1,690
Net Dimensions H x W x D	Indoor		mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10	10
	Outdoor		kg	30	30	31	32
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain Hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)				20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			m	15	15	15	15
Operating Range	Cooling		°CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50
	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)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type): UTY-RVRG

Compact wired remote controller: UTY-RCRGZ1

Wired remote controller (touch panel): UTY-RNRGZ5

Wired remote controller: UTY-RLRG

Simple remote controller (without operation mode): UTY-RHRG

Simple remote controller: UTY-RSRG

Wireless remote controller: UTY-LNWX

Communication Kit: UTY-TWRXZ2

External Connect Kit: UTY-XWZX

UTY-XWZXZ5

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

Network Converter for single split (AC power supply type): UTY-VTGXV

Silver ion filter: UTR-FA16-5

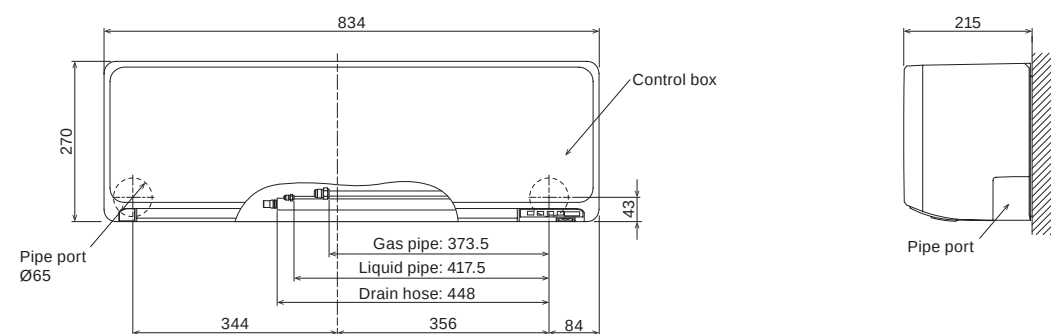
External input and output PCB¹⁾: UTY-XCSXZ2

External switch controller: UTY-TERX

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

Dimensions

(Unit: mm)



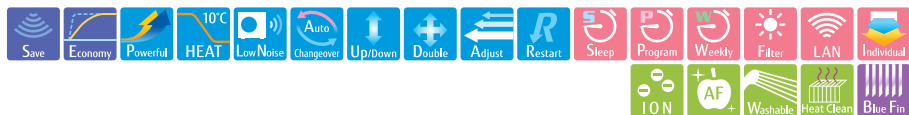
SPLIT

NEW

KJ
Series

Wall-Mounted

Built-in WLAN adapter model
Designer Range
Minimal Elegance Design



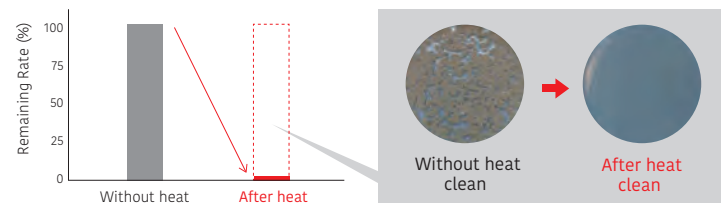
Minimal Elegance

The clean lines and strong, elegant curves give it an elegant look. Its compact width allows it to be installed in narrow spaces such as above doors.



Heat Clean

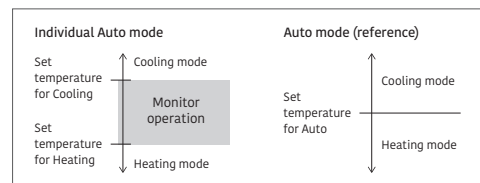
Heats the heat exchanger (aluminum fins) inside the air conditioner to over 55°C along with any accumulated water to quickly and effectively clean it. It is also effective against mold that has adhered to the unit.*



Test organization name: Kitasato Research Center for Environmental Science
Report No.: KRCEs - Bio. Test Report No. 2025_1003. Mold control rate: 99% or higher after heat clean operation.
*Tested on actual equipment. (12 model) Results may vary based on usage, seasonal, and environmental variables.

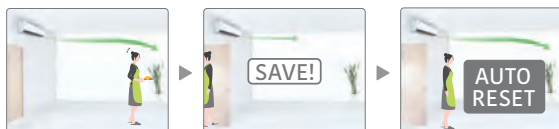
INDIVIDUAL AUTO

To accommodate Europe's temperature differences between day and night, the system has a function that allows users to set separate temperatures for cooling and heating and automatically switches between them.



Equipped with Occupancy Sensor

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



Model: ASHH07KJCAL / ASHH09KJCAL / ASHH12KJCAL / ASHH14KJCAL
ASHH07KJCALB / ASHH09KJCALB / ASHH12KJCALB / ASHH14KJCALB



Specifications

Model name	Indoor unit			ASHH07KJCAL ASHH07KJCALB	ASHH09KJCAL ASHH09KJCALB	ASHH12KJCAL ASHH12KJCALB	ASHH14KJCAL ASHH14KJCALB
	Outdoor unit			AOHH07KJCA	AOHH09KJCA	AOHH12KJCA	AOHH14KJCA
Power Source				Single phase, 230V, ~50Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min-Max		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.3
	Heating	Rated		2.5	2.8	4.0	5.2
		Min-Max		0.9-3.6	0.9-4.5	0.9-5.4	0.9-5.9
Input Power	Cooling/Heating		kW	0.400 / 0.500	0.550 / 0.600	0.870 / 0.950	1.260 / 1.400
EER	Cooling		W/W	5.00	4.55	3.91	3.33
COP	Heating			5.00	4.67	4.21	3.71
Pdesign	Cooling/Heating(-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		W/W	9.60	9.20	8.70	7.90
SCOP	Heating (Average)			5.10	5.10	5.10	4.60
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	7.0 / 9.0
Annual Energy Consumption	Cooling		kWh/a	73	95	137	186
	Heating			631	658	685	1,216
Moisture Removal			l/h	1.0	1.0	1.5	1.6
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 31 / 24 / 19	38 / 31 / 24 / 19	41 / 34 / 25 / 20	45 / 35 / 25 / 20
	Indoor (Heating)	H/M/L/Q		38 / 31 / 24 / 20	38 / 31 / 24 / 20	41 / 34 / 25 / 21	44 / 35 / 25 / 21
Sound Power Level	Outdoor(Cooling/Heating)	High		42 / 42	44 / 44	47 / 47	47 / 52
	Indoor(Cooling/Heating)	High		51 / 52	52 / 52	56 / 56	59 / 59
Airflow Rate	Outdoor(Cooling/Heating)	High		55 / 54	56 / 55	58 / 59	59 / 63
	Indoor / Outdoor (Cooling)	High	m³/h	540 / 1,390	580 / 1,480	630 / 1,690	720 / 1,690
	Indoor / Outdoor (Heating)	High		580 / 1,350	580 / 1,420	630 / 1,690	720 / 1,860
Net Dimensions H x W x D	Indoor	mm		270 × 798 × 240	270 × 798 × 240	270 × 798 × 240	270 × 798 × 240
	Outdoor	mm		542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor	kg		10	10	10.5	10.5
	Outdoor	kg		30	30	31	31
Connection Pipe Diameter (Liquid / Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)		20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling	°CDB		-10 to 50	-10 to 50	-10 to 50	-10 to 50
	Heating		-20 to 24	-20 to 24	-20 to 24	-20 to 24	
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)		0.72 (0.486)	0.72 (0.486)	0.87 (0.587)	0.87 (0.587)

Optional parts

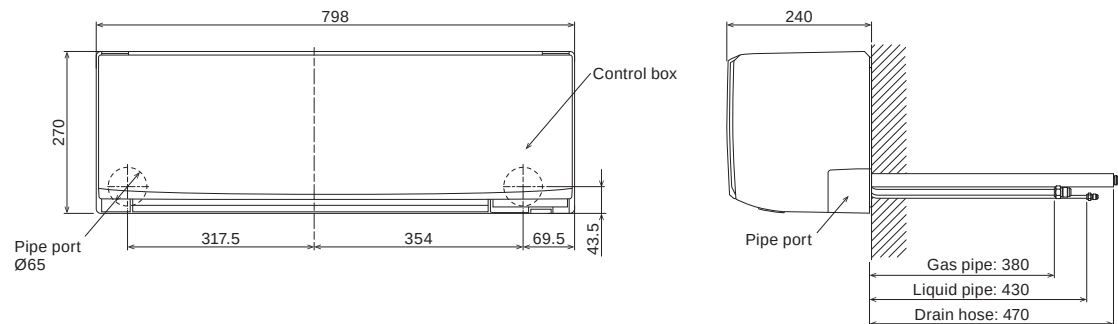
* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	KNX® converter:	UTY-VKSX	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRGZ1	MODBUS® converter:	UTY-VMSX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	Communication Kit:	UTY-TWRXZ2	External input and output PCB ^{*1} :	UTY-XCSXZ2
Wired remote controller:	UTY-RLRG	External Connect Kit:	UTY-XWZX	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRG		UTY-XWZXZ5		
Simple remote controller:	UTY-RSRG	Silver Ion filter:	UTR-FA16-5		

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

Dimensions

(Unit: mm)



SPLIT

KE
Series

Wall-Mounted

Built-in WLAN adapter model
Designer Range
Cool Beauty Design



Cool Beauty Design

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

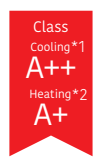


CMF: COLOR MATERIAL FINISH

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

High Energy Saving

Top class high efficiency is achieved by high efficient lambda-shaped heat exchanger, large cross flow fan and R32 refrigerant.

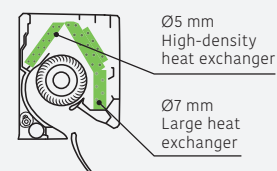


SEER **7.4** *1
SCOP **4.4** *2

*1: 07/09 models

*2: 12 model

Hybrid-heat exchanger



Ø107 Large cross-flow fan



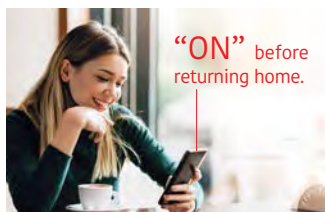
Smart Device Control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE Mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

* See page C-022 for details on smart device control.



AIRSTAGE
Mobile



Comfortable Airflow & Quiet Operation

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



20 dB(A)

Cooling only

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



Peal white X White



Silver X Dark gray



WLAN adapter
(Built-in)



Wireless RC



For ASHG07/09/12KETF
ASHG07/09/12KETF-B



For ASHG14KETF
ASHG14KETF-B

Specifications

Model name	Indoor unit			ASHG07KETF ASHG07KETF-B	ASHG09KETF ASHG09KETF-B	ASHG12KETF ASHG12KETF-B	ASHG14KETF ASHG14KETF-B
	Outdoor unit			AOHG07KETA	AOHG09KETA	AOHG12KETA	AOHG14KETA
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9 - 3.0	0.9 - 3.2	0.9 - 3.9	0.9 - 4.4
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9 - 3.4	0.9 - 4.0	0.9 - 5.3	0.9 - 6.0
Input Power	Cooling/Heating		kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling		W/W	4.43	3.97	3.65	3.44
COP	Heating		W/W	4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)		kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling		W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		W/W	4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling			A++	A++	A++	A++
	Heating (Average)			A+	A+	A+	A+
Max. Operating Current	Cooling/Heating		A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling		kWh/a	95	118	163	213
	Heating			785	819	795	1,367
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
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
	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
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h	720/1,450	750/1,450	770/1,470	800/1,580
Net Dimensions H x W x D	Indoor		mm	295 x 950 (wall side: 840) x 230			
	Outdoor		mm	541 x 663 x 290	541 x 663 x 290	541 x 663 x 290	542 x 799 x 290
Weight	Indoor		kg	11	11	11	11.5
	Outdoor		kg	23	23	25	31
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)				13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling			°CDB	-10 to 46	-10 to 46	-10 to 46
	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 information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type): UTY-RVRG

Compact wired remote controller: UTY-RCRG21

Wired remote controller (touch panel): UTY-RNRG25

Wired remote controller: UTY-RLRG

Simple remote controller (without operation mode): UTY-RHRG

Simple remote controller: UTY-RSRG

Communication Kit: UTY-TWRX22

External Connect Kit: UTY-XWZX

External Connect Kit: UTY-XWZX25

External switch controller: UTY-TERX

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

Network Converter for single split (AC power supply type): UTY-VTGXV

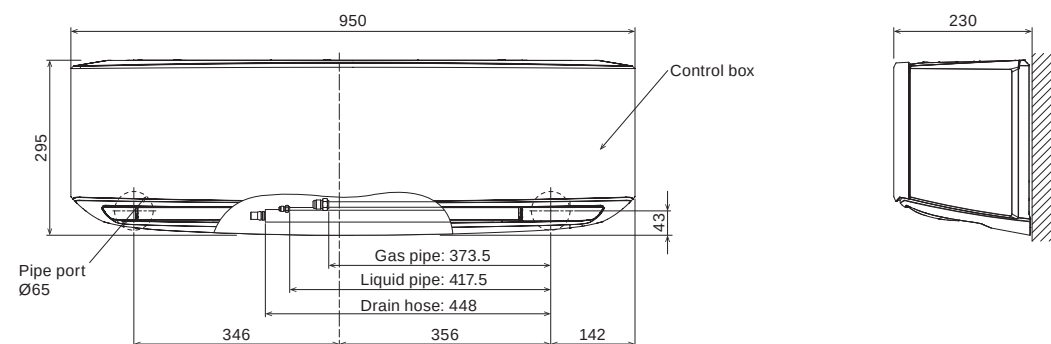
Silver Ion filter: UTR-FA16-5

External input and output PCB*1: UTY-XCSXZ2

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

Dimensions

(Unit: mm)



SPLIT

KM
Series

Wall-Mounted

Built-in WLAN adapter model
Standard Range
High-Efficiency & Comfort

Slim & Stylish Square Design

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

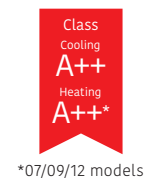
Warm & Gentle Color Option

Both white and soft black color are relatively gentle tones and no strong contrast, each color harmonize with the environment and create a warm atmosphere.



High Energy Saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the R32 refrigerant.



*07/09/12 models

SEER 8.40*

*07/09 models

SCOP 4.60*

*07/09/12 models

Comfortable Airflow & Quiet Operation

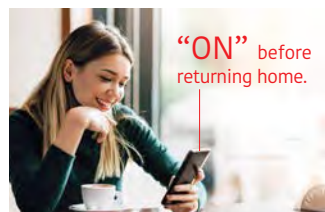
The large louver and the air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.

Quiet & Comfort
20 dB(A)
Cooling only

Smart Device Control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

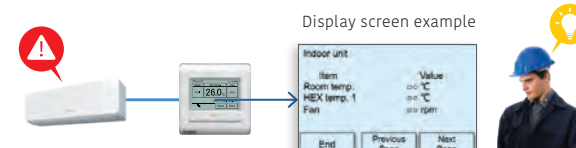
* See page C-022 for details on smart device control.

AIRSTAGE
Mobile

Refrigerant Cycle Monitor (option)

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

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



Model: ASHH07KMCG / ASHH09KMCG / ASHH12KMCG / ASHH14KMCG
ASHH07KMCG-B / ASHH09KMCG-B / ASHH12KMCG-B / ASHH14KMCG-B

WLAN adapter
(Built-in)

Wireless RC

For ASHH07/09/12KMCG
ASHH07/09/12KMCG-BFor ASHH14KMCG
ASHH14KMCG-B

Specifications

Model name	Indoor unit			ASHH07KMCG ASHH07KMCG-B	ASHH09KMCG ASHH09KMCG-B	ASHH12KMCG ASHH12KMCG-B	ASHH14KMCG ASHH14KMCG-B	
	Outdoor unit			AOHH07KMCG	AOHH09KMCG	AOHH12KMCG	AOHH14KMCG	
Power Source				Single phase, ~230 V, 50 Hz				
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2	
		Min.-Max.		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.4	
	Heating	Rated		2.5	2.8	4.0	5.4	
		Min.-Max.		0.9-3.4	0.9-4.0	0.9-5.3	0.9-6.0	
Input Power	Cooling/Heating		kW	0.450 / 0.555	0.650 / 0.620	0.960 / 1.020	1.220 / 1.410	
EER	Cooling		W/W	4.43	3.85	3.54	3.44	
COP	Heating			4.52	4.52	3.92	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	8.40	8.40	7.70	7.10	
SCOP	Heating (Average)			4.60	4.60	4.60	4.10	
Energy Efficiency Class	Cooling			A++	A++	A++	A++	
	Heating (Average)			A++	A++	A++	A+	
Max. Operating Current	Cooling/Heating		A	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	
Annual Energy Consumption	Cooling		kWh/a	83	104	155	207	
	Heating			700	730	761	1,366	
Moisture Removal				l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38 / 33 / 29 / 20	40 / 34 / 29 / 20	40 / 35 / 30 / 20	43 / 36 / 30 / 20	
	Indoor (Heating)	H/M/L/Q		41 / 35 / 31 / 22	42 / 36 / 31 / 22	42 / 38 / 33 / 22	44 / 39 / 33 / 24	
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	
	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	
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h	720 / 1,450	750 / 1,450	780 / 1,470	820 / 1,580	
Net Dimensions	Indoor	mm		270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	
H x W x D	Outdoor	mm		541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 663 × 290	
Weight	Indoor	kg		10	10	10	10	
	Outdoor	kg		22	22	24	31	
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	
Drain Hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)	
Max. Height Difference				15	15	15	15	
Operating Range	Cooling	°CDB		-10 to 50	-10 to 50	-10 to 50	-10 to 50	
	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)		0.60 (0.405)	0.60 (0.405)	0.70 (0.473)	0.85 (0.574)	

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type): UTY-RVRG
Compact wired remote controller: UTY-RCRGZ1
Wired remote controller (touch panel): UTY-RNRGZ5
Wired remote controller: UTY-RLRG
Simple remote controller (without operation mode): UTY-RHRG

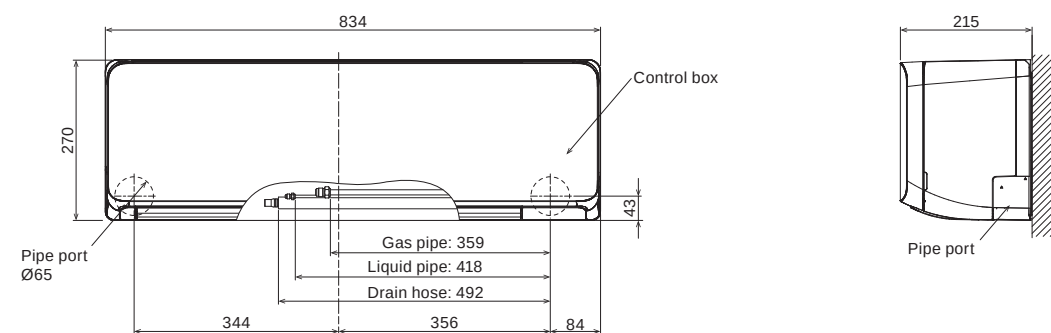
Simple remote controller: UTY-RSRG
Wireless remote controller: UTY-LNWX
Communication Kit: UTY-TWRXZ2
External Connect Kit: UTY-XWZX
UTY-XWZXZ5

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
Silver ion filter: UTR-FA16-5
External input and output PCB*: UTY-XCSXZ2
External switch controller: UTY-TERX

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

Dimensions

(Unit: mm)



SPLIT

KN
Series

Wall-Mounted

Built-in WLAN adapter model

ECO Range

Compact Size



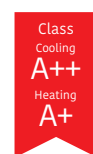
Elegant & Smart Square Design

An elegant and smart type in the eco range.
The delicate shading of the ridge line makes the unit an accessory for the room.



High Energy Saving

The size of the heat exchanger has increased to improve performance, making it more powerful despite its compact size.



SEER

7.8 *

SCOP

4.4

* 07 model

Comfortable Airflow & Quiet Operation

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



Quiet & Comfort

20 dB(A)

Cooling only

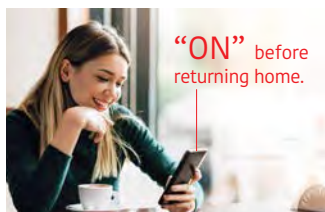
Smart Device Control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

* See page C-022 for details on smart device control.



AIRSTAGE
Mobile



Highly Efficient Operation Even at High Outdoor Temperatures

Operating range
MAX 50°C
(Cooling operation)

Even when installed in the region with high outdoor air temperatures (Max. 50°C*), it is comfortable because it can cool the interior well.

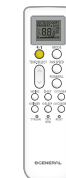
* suction temperature of the outdoor unit



Model: ASHH07KNCA / ASHH09KNCA / ASHH12KNCA



WLAN adapter
(Built-in)



Wireless RC



Specifications

Model name	Indoor unit			ASHH07KNCA	ASHH09KNCA	ASHH12KNCA
	Outdoor unit			AOHH07KNCA	AOHH09KNCA	AOHH12KNCA
Power Source				Single phase, ~230 V, 50 Hz		
Capacity	Cooling	Rated	kW	2.0	2.5	3.4
		Min.-Max.		0.9-2.9	0.9-3.1	0.9-3.8
	Heating	Rated		2.5	2.8	3.8
		Min.-Max.		0.9-3.4	0.9-4.0	0.9-4.8
Input Power	Cooling/Heating		kW	0.50 / 0.58	0.74 / 0.70	1.05 / 1.02
EER	Cooling		W/W	4.00	3.38	3.24
COP	Heating			4.31	4.00	3.73
Pdesign	Cooling/Heating (-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5
SEER	Cooling		W/W	7.8	7.4	7.0
SCOP	Heating (Average)			4.4	4.4	4.4
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	90	118	170
	Heating			731	763	795
Moisture Removal			l/h	1.0	1.0	1.4
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 33 / 29 / 20	38 / 35 / 29 / 20	40 / 36 / 32 / 20
	Indoor (Heating)	H/M/L/Q		38 / 33 / 30 / 22	38 / 33 / 30 / 22	39 / 35 / 31 / 22
Sound Power Level	Outdoor (Cooling/Heating)	High		43 / 44	44 / 45	49 / 49
	Indoor (Cooling/Heating)	High		51 / 52	53 / 52	55 / 53
Airflow Rate	Outdoor (Cooling/Heating)	High	m³/h	53 / 54	56 / 56	60 / 61
	Indoor/Outdoor (Cooling)	High		530 / 1,430	580 / 1,430	600 / 1,460
	Indoor/Outdoor (Heating)	High		580 / 1,390	580 / 1,390	600 / 1,360
Net Dimensions H x W x D	Indoor	mm	270 × 784 × 222	270 × 784 × 222	270 × 784 × 222	
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	
Weight	Indoor	kg	9	9	9	
	Outdoor	kg	22	22	24	
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain Hose Diameter (I.D./O.D.)			mm	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 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 50	-10 to 50	-10 to 50
	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)		0.57 (0.385)	0.57 (0.385)	0.65 (0.439)

Optional parts

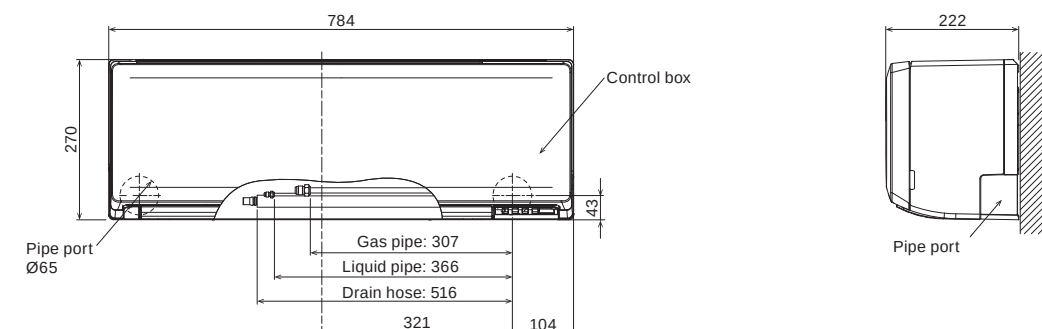
* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wireless remote controller: UTY-LNWX

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



SPLIT

KM
Series

Wall-Mounted Standard Range

High-Efficiency & Large Room



ALL
DC



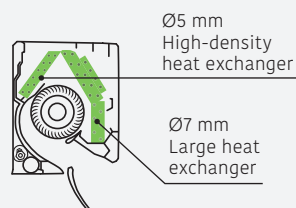
High Energy Saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the R32 refrigerant.

SEER **7.8** **SCOP** **4.6**
*18 model

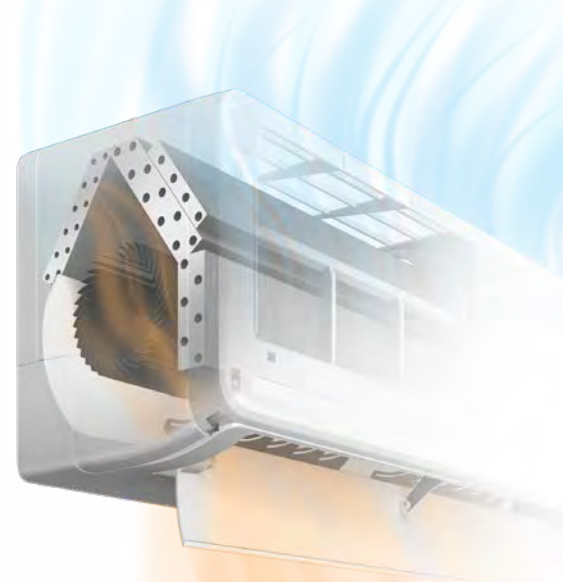
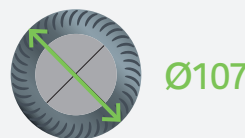
Hybrid-heat exchanger

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



Ø107 Large cross-flow fan

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



Smart Device Control (Option)

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

* For more information about smart device control, please refer to the page C-022.



AIRSTAGE
Mobile

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

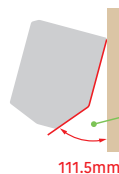


WLAN
adapter (USB)



Easy Access to the Flare Pipe Connection

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



Wide space requirement
Easy Installation



Model: ASHG18KMTE / ASHG24KMTE



Wireless RC



For ASHG18KMTE



For ASHG24KMTE

Specifications

Model name	Indoor unit			ASHG18KMTE	ASHG24KMTE
	Outdoor unit			AOHG18KMTA	AOHG24KMTA
Power Source				Single phase, ~230 V, 50 Hz	
Capacity	Cooling	Rated	kW	5.2	7.1
		Min.-Max.		0.9-6.0	0.9-8.3
	Heating	Rated		6.3	8.0
		Min.-Max.		0.9-8.7	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		W/W	4.04	4.19
Pdesign	Cooling/Heating (-10°C)		kW	5.2/4.8	7.1/7.1
SEER	Cooling		W/W	7.77	7.30
SCOP	Heating (Average)		W/W	4.60	4.20
Energy Efficiency Class	Cooling			A++	A++
	Heating (Average)			A++	A+
Max. Operating Current	Cooling/Heating		A	9.5/13.5	13.5/16.0
Annual Energy Consumption	Cooling		kWh/a	234	340
	Heating		kWh/a	1,460	2,362
Moisture Removal			l/h	1.7	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	45/40/35/29	49/40/35/29
	Indoor (Heating)	H/M/L/Q		46/40/35/29	49/40/35/29
Sound Power Level	Outdoor (Cooling/Heating)	High		50/50	54/52
	Indoor (Cooling/Heating)	High		60/61	65/65
	Outdoor (Cooling/Heating)	High	65/65	67/66	
	Indoor/Outdoor (Cooling)	High	980/2,350	1,170/3,240	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	1,020/2,100	1,170/2,820
	Indoor/Outdoor (Heating)	High			
Net Dimensions H x W x D	Indoor		mm	280 × 980 × 240	280 × 980 × 240
	Outdoor		mm	632 × 799 × 290	716 × 820 × 315
Weight	Indoor		kg	12.5	12.5
	Outdoor		kg	36	42
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/12.70	6.35/12.70
Drain Hose Diameter (I.D./O.D.)				13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)			m	25 (15)	30 (15)
Max. Height Difference				20	25
Operating Range	Cooling		°CDB	-10 to 46	-10 to 46
	Heating			-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)
	Charge		kg (CO2eq-T)	1.02 (0.689)	1.32 (0.891)

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):

UTY-RVRG

Compact wired remote controller:

UTY-RCRGZ1

Wired remote controller (touch panel):

UTY-RNRGZ5

Wired remote controller:

UTY-RLRG

Simple remote controller (without operation mode):

UTY-RHRG

Simple remote controller:

UTY-RSRG

Wireless remote controller:

UTY-LNWX

Communication Kit:

UTY-TWRXZ2

External input and output PCB*1:

UTY-XCSXZ2

WLAN adapter:

UTY-TFSXF2

UTY-TFSXH3

FG-AC-WIF1Z1

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

UTY-VTGX

Network Convertor for single split (AC power supply type):

UTY-VTGXV

Silver Ion filter:

UTR-FA16-5

External switch controller:

UTY-TERX

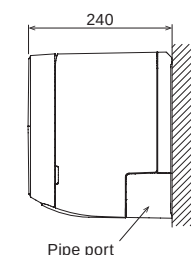
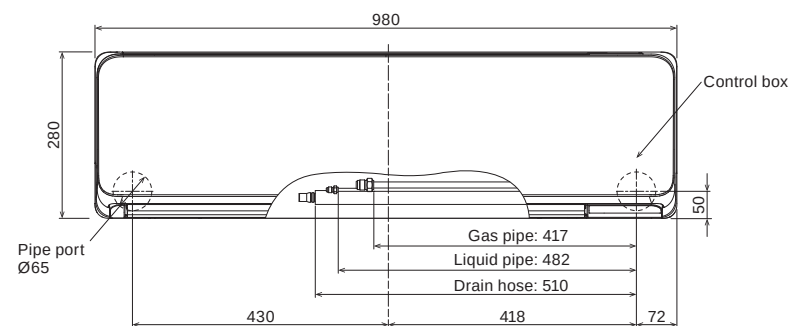
External Connect Kit:

UTY-XWXZ5

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

Dimensions

(Unit: mm)



SPLIT

KM
Series

Wall-Mounted Standard Range

High-Efficiency & Large Room



Special Cooling

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

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



Occupancy Sensor

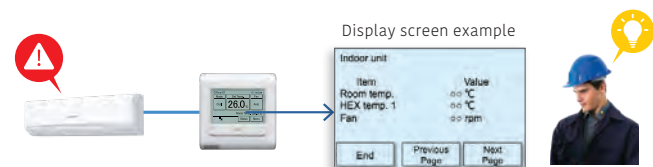
The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



Refrigerant Cycle Monitor (option)

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

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



Smart Device Control (option)

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

- * For more information about smart device control, please refer to the page C-022.



Model: ASHH30KMTB / ASHH36KMTB



Wireless RC



Specifications

Model name	Indoor unit			ASHH30KMTB	ASHH36KMTB
	Outdoor unit			AOHH30KMTB	AOHH36KMTB
Power Source				Single phase, ~230V, 50Hz	
Capacity	Cooling	Rated	kW	8.0	9.4
		Min.-Max.		2.9-9.0	2.9-10.0
	Heating	Rated		8.8	10.1
		Min.-Max.		2.2-11.8	2.7-12.6
Input Power	Cooling/Heating		kW	2.33/2.20	3.16/2.73
EER	Cooling		W/W	3.43	2.97
COP	Heating		W/W	4.00	3.70
Pdesign	Cooling/Heating (-10°C)		kW	8.0/6.5	9.4/7.1
SEER	Cooling		W/W	6.68	6.10
SCOP	Heating (Average)		W/W	4.50	4.50
Energy Efficiency Class	Cooling			A++	A++
	Heating (Average)			A+	A+
Max. Operating Current	Cooling/Heating		A	21.0/21.0	21.5/21.5
Annual Energy Consumption	Cooling		kWh/a	419	534
	Heating			1,994	2,189
Moisture Removal			l/h	2.6	3.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	50/44/40/33	50/44/40/33
	Indoor (Heating)	H/M/L/Q		49/44/39/33	49/44/39/33
Sound Power Level	Outdoor (Cooling/Heating)	High		53/55	55/55
	Indoor (Cooling/Heating)	High		65/65	65/65
	Outdoor (Cooling/Heating)	High		68/69	70/70
	Indoor/Outdoor (Cooling)	High		1,330/3,750	1,330/3,750
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h	1,330/3,750	1,330/3,750
Net Dimensions	Indoor		mm	340 × 1,150 × 280	340 × 1,150 × 280
H × W × D	Outdoor		mm	788 × 940 × 320	788 × 940 × 320
Weight	Indoor		kg	18.5	18.5
	Outdoor		kg	52.0	52.0
Connection Pipe Diameter (Liquid/Gas)			mm	9.52/15.88	9.52/15.88
Drain Hose Diameter (I.D./O.D.)				13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)			m	50(30)	50(30)
Max. Height Difference				30	30
Operating Range	Cooling	°CDB		-15to46	-15to46
	Heating		-15to24	-15to24	
Refrigerant	Type (Global Warming Potential)			R32(675)	R32(675)
	Charge	kg (CO2eq-T)		1.90(1.283)	1.90(1.283)

Optional parts

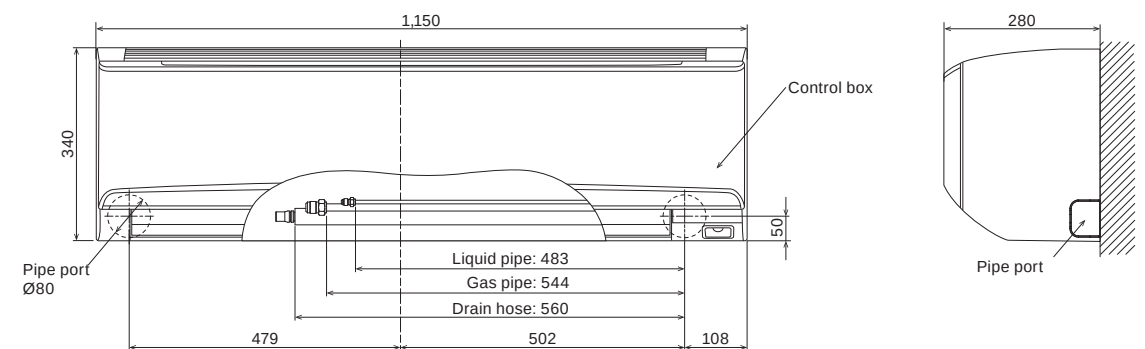
* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	Wireless remote controller:	UTY-LNWX	Network Convertor for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRGZ1	Communication Kit:	UTY-TWRXZ2	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5	External input and output PCB*1:	UTY-XCSXZ2	Silver Ion filter:	UTR-FA13-3
Wired remote controller:	UTY-RLRG	WLAN adapter:	UTY-TFSXF2	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRG		UTY-TFSXH3	External Connect Kit:	UTY-XWXZ5
Simple remote controller:	UTY-RSRG		FG-AC-WIF121		

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

Dimensions

(Unit: mm)



SPLIT

KP
Series

Wall-Mounted ECO Range Compact Size



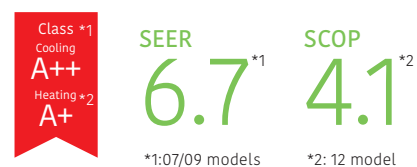
Slim & Stylish Square Design

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



High Energy Saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the R32 refrigerant.



Comfortable Airflow & Quiet Operation

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



Smart Device Control (Option)

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

* For more information about smart device control, please refer to the page C-022.



AIRSTAGE
Mobile

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

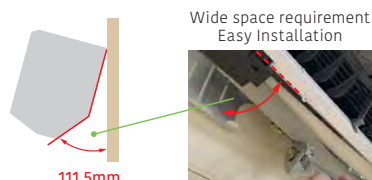


WLAN
adapter (USB)



Easy Access to the Flare Pipe Connection

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



Model: ASHG07KPCE / ASHG09KPCE / ASHG12KPCE



Wireless RC



Specifications

Model name	Indoor unit			ASHG07KPCE	ASHG09KPCE	ASHG12KPCE	
	Outdoor unit			AOHG07KPCA	AOHG09KPCA	AOHG12KPCA	
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	
		Min.-Max.		0.9-2.8	0.9-3.0	0.9-3.7	
	Heating	Rated		2.5	2.8	3.8	
		Min.-Max.		0.9-3.4	0.9-3.8	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	dB(A)	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	m³/h	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	Indoor		mm	270 × 784 × 224	270 × 784 × 224	270 × 784 × 224	
H x W x D	Outdoor		mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	
Weight	Indoor		kg	8	8	8	
	Outdoor		kg	23	23	25	
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	
Drain Hose Diameter (I.D./O.D.)				11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8	
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	
Max. Height Difference				15	15	15	
Operating Range	Cooling		°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating			-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	
	Charge			0.55 (0.371)	0.55 (0.371)	0.59 (0.398)	

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wireless remote controller: UTY-LNWX

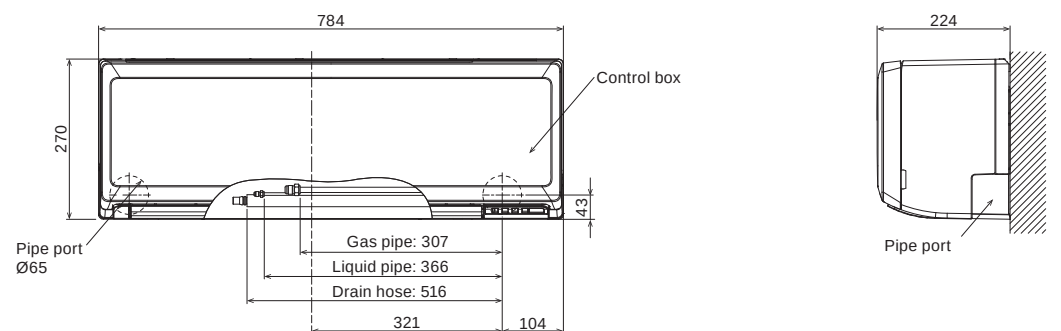
WLAN adapter: UTY-TFSXF2

UTY-TFSXH3

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



SPLIT

KL
Series

Wall-Mounted ECO Range

Comfort for Large Room



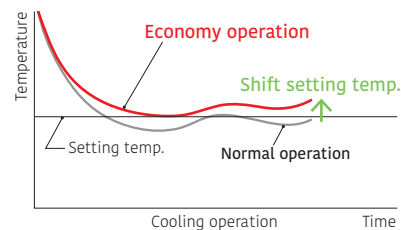
Narrow Width & Compact Design

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



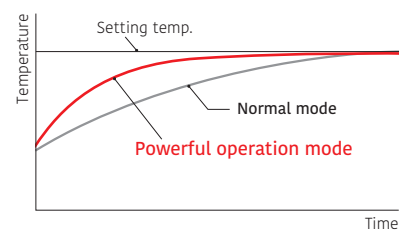
Economy Operation

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



Powerful Operation

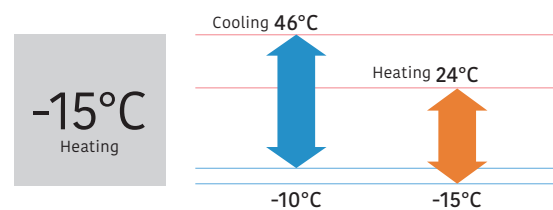
In powerful operation mode, the compressor operates at maximum speed for 20 minutes to provide a powerful airflow. Rapid cooling and heating makes the room comfortable quickly.



ON-OFF Program Timer

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

Low Ambient Operation



Model: ASHG18KLCA / ASHG24KLCA



Wireless RC



For ASHG18KLCA



For ASHG24KLCA

Specifications

Model name	Indoor unit			ASHG18KLCA	ASHG24KLCA
	Outdoor unit			AOHG18KLCA	AOHG24KLCA
Power Source				Single phase, ~230 V, 50 Hz	
Capacity	Cooling	Rated	kW	5.2	7.1
		Min.-Max.		0.9-5.5	0.9-7.7
	Heating	Rated		6.3	8.0
		Min.-Max.		0.6-7.6	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		W/W	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
Airflow Rate	Outdoor (Cooling/Heating)	High	m³/h	61/66	65/67
	Indoor/Outdoor (Cooling)	High		865/1,830	1,040/2,885
Net Dimensions H x W x D	Indoor/Outdoor (Heating)	High	mm	995/2,265	1,040/3,030
	Indoor			293 × 790 × 249	293 × 790 × 249
Weight	Outdoor		mm	542 × 799 × 290	632 × 799 × 290
	Indoor	kg	kg	9.5	10.0
Connection Pipe Diameter (Liquid/Gas)	Indoor	kg	kg	33	38
	Outdoor	kg	kg	6.35/9.52	6.35/12.70
Drain Hose Diameter (I.D./O.D.)				mm	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)				m	25 (15)
Max. Height Difference				m	20
Operating Range	Cooling		°CDB	-10 to 46	-10 to 46
	Heating			-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)
	Charge		kg (CO2eq-T)	0.85 (0.574)	1.10 (0.743)

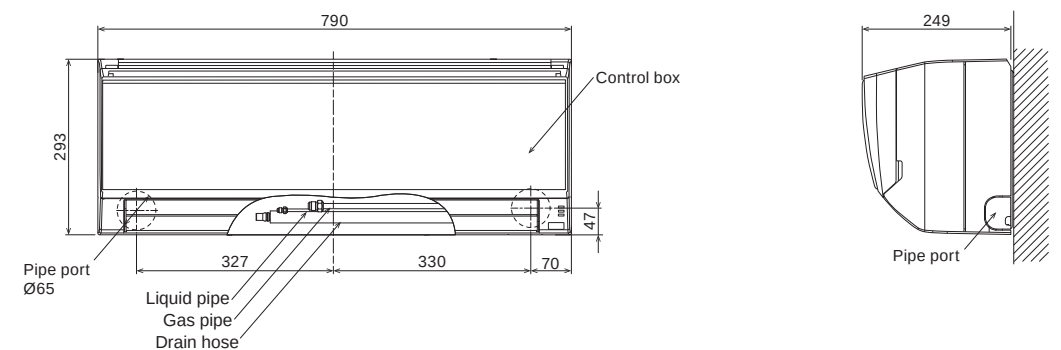
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wireless remote controller: UTY-LNWX
Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



SPLIT

KL
Series

Wall-Mounted

ECO Range

Cooling-enhanced type



reddot winner 2025



Highly Efficient Operation Even at High Outdoor Temperatures

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

*suction temperature of the outdoor unit

Class
A++

SEER
7.1^{*}

*07 model

Operating range
MAX 52°C

(Cooling operation)



MINIMAL SMART Design

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



Comfortable Airflow & Quiet Operation

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



Quiet & Comfort

21 dB(A)
Cooling only

Smart Device Control (option)

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

* For more information about smart device control, please refer to the page C-022.



AIRSTAGE
Mobile

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



WLAN
adapter (USB)



Model: ASHH07KLTA / ASHH09KLTA / ASHH12KLTA



Wireless RC



Specifications

Model name	Indoor unit			ASHH07KLTA	ASHH09KLTA	ASHH12KLTA
	Outdoor unit			AOHH07KLTA	AOHH09KLTA	AOHH12KLTA
Power Source				Single phase, ~230 V, 50 Hz		
Capacity	Cooling	Rated	kW	2.0	2.5	3.4
		Min.-Max.		0.9-2.8	0.9-3.0	0.9-3.7
	Heating	Rated		2.4	2.5	3.4
		Min.-Max.		0.9-3.3	0.9-3.5	0.9-3.7
Input Power	Cooling/Heating		kW	0.54 / 0.64	0.76 / 0.67	1.05 / 0.915
EER	Cooling			3.70	3.29	3.24
COP	Heating		W/W	3.75	3.73	3.72
Pdesign	Cooling/Heating (-10°C)		kW	2.0 / 2.2	2.5 / 2.3	3.4 / 2.5
SEER	Cooling			7.10	6.80	6.70
SCOP	Heating (Average)		W/W	4.10	4.10	4.10
Energy Efficiency Class	Cooling			A++	A++	A++
	Heating (Average)			A+	A+	A+
Max. Operating Current	Cooling/Heating		A	6.0 / 6.0	6.0 / 6.0	7.0 / 7.0
Annual Energy Consumption	Cooling		kWh/a	99	129	178
	Heating			752	786	854
Moisture Removal			l/h	0.18	0.55	1.26
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	41 / 36 / 29 / 21	43 / 36 / 29 / 21	43 / 37 / 30 / 21
	Indoor (Heating)	H/M/L/Q		41 / 37 / 32 / 23	43 / 37 / 32 / 23	43 / 37 / 32 / 23
	Outdoor (Cooling/Heating)	High		47 / 47	47 / 47	50 / 50
Sound Power Level	Indoor (Cooling/Heating)	High		54 / 55	55 / 55	55 / 56
	Outdoor (Cooling/Heating)	High	56 / 57	58 / 57	60 / 61	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	600 / 1,650	620 / 1,650	620 / 1,700
	Indoor/Outdoor (Heating)	High		600 / 1,450	620 / 1,450	640 / 1,470
Net Dimensions	Indoor		mm	250 × 770 × 218	250 × 770 × 218	250 × 770 × 218
H x W x D	Outdoor		mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor		kg	7.0	7.0	7.5
	Outdoor		kg	19	19	22
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 to 16.8	13.8 / 15 to 16.8	13.8 / 15 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 52	10 to 52	10 to 52
	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)		0.53(0.358)	0.53(0.358)	0.60(0.405)

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wireless remote controller: UTY-LNWX

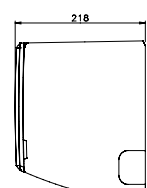
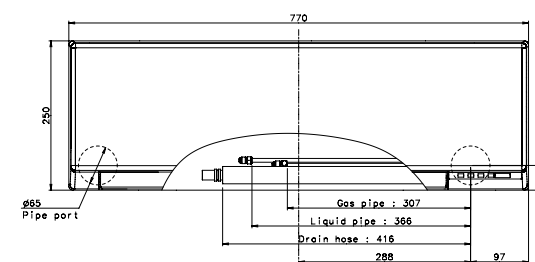
WLAN adapter: UTY-TFSXF2

UTY-TFSXH3

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



SPLIT

Compact Cassette

Compact 4-way
Flow Range
Compact Size



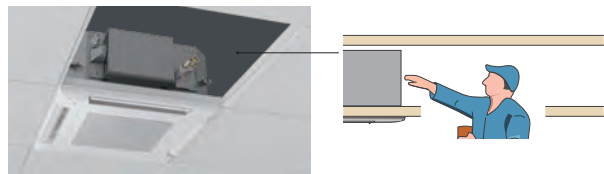
Compact and Stylish Panel Design

The compact and stylish panel fits nicely into a grid-type ceiling. Its linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



Easy Maintenance

You can access the unit for maintenance simply by removing a ceiling panel next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



The air inlet grille can be installed to open in any direction for easy maintenance.



Flexible Installation

The unit fits nicely into the decor of a grid-type ceiling and can be installed near the lighting or a ventilation opening.



Link Up with a Variety of Central Control System (Option)

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



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



For AUXG09/12/14KVLA For AUXG18/22KVLA For AUXG24KVLA

Specifications

Model name	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA	
	Outdoor unit		AOHG09KBTB	AOHG12KBTB	AOHG14KBTB	AOHG18KBTB	AOHG22KBTB	AOHG24KBTB	
Power Source			Single phase, ~230 V, 50 Hz						
Capacity	Cooling	Rated	kW	2.5	3.5	4.3	5.2	6.0	6.8
		Min.-Max.		0.9-3.2	0.9-4.4	0.9-5.4	0.9-5.9	0.9-6.7	0.9-8.0
	Heating	Rated		3.2	4.1	5.0	6.0	7.0	7.5
		Min.-Max.		0.9-4.7	0.9-5.7	0.9-6.5	0.9-7.5	0.9-8.0	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++
	Heating (Average)			A+	A+	A+	A+	A+	A+
Max. Operating Current	Cooling/Heating		A	7.9/7.9	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6
Annual Energy Consumption	Cooling		kWh/a	131	186	231	275	318	390
	Heating			826	1,106	1,208	1,466	1,562	2,097
Moisture Removal			l/h	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q		34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
Outdoor (Cooling/Heating)	High	46/46		47/47	49/49	50/50	51/51	53/54	
Sound Power Level	Indoor (Cooling/Heating)	High		46/47	49/49	50/55	50/55	56/57	59/61
	Outdoor (Cooling/Heating)	High		59/59	61/61	62/62	62/62	63/63	65/66
Airflow Rate	Indoor/Outdoor (Cooling)	High		m³/h	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240
	Indoor/Outdoor (Heating)	High	540/1,410		600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
Net Dimensions H x W x D	Indoor	mm		245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
	Outdoor	mm		542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
Weight	Indoor	kg		15	15	15	15	16	16
	Outdoor	kg		32	33	33	36	38	42
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 Hose Diameter (I.D./O.D.)				25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)				20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max. Height Difference			m	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)	
Cassette Grille	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)
	Model name			UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W
	Dimensions (H × W × D)		mm	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620
	Weight		kg	2.3	2.3	2.3	2.3	2.3	2.3

Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):
Compact wired remote controller:
Wired remote controller (touch panel):
Wired remote controller:

UTY-RVRG
UTY-RCRGZ1
UTY-RNRGZ5
UTY-RLRG
UTY-RNNGM
UTY-RVNGM
UTY-RHRG
UTY-RSRG

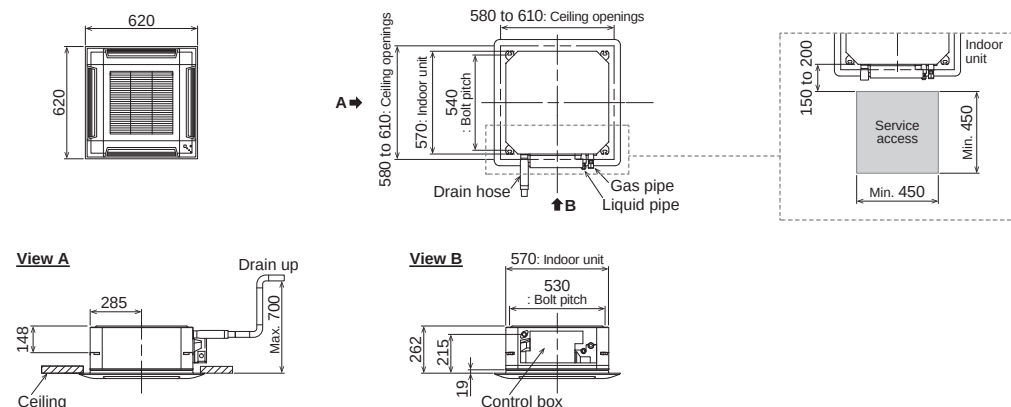
Wireless remote controller: UTY-LNTG
External switch controller: UTY-TERX
WLAN adapter: UTY-TFSXZ1
FG-RC-WIFI22
UTY-TFSXJ3
FG-AC-WIFI21
UTR-VDZB
UTG-UFGF-W

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
Insulation Kit for high humidity: UTZ-KXGC
External input and output PCB: UTY-XCSX
External input and output PCB box: UTZ-GXRA
Silver Ion Filter: UTD-HFAA
Fresh Air Intake Kit: UTZ-VXAA
External Connect Kit: UTY-XWZXZG

Simple remote controller (without operation mode): UTY-RHRG
Simple remote controller:

Dimensions

(Unit: mm)



SPLIT

UTG-UKGA-B
Black Grille

Cassette

Circular Flow Range
Comfort for Large Room



(30/36/45/54)

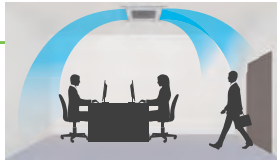
Unique Circular Flow Design

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

Individual Louver Control

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

*Wired remote controller (touch panel) (UTY-RNRGZ5) only



Airflows avoid blowing cool air directly at the occupants in the room, providing more comfortable air conditioning.



Provides efficient air conditioning based on the room layout

The Occupancy sensor yields more energy savings.

Energy saving operation starts automatically by detecting the motion of a person. Two modes of save operation mode and stop mode can be selected.

Compact and Lightweight Outdoor Unit

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



R410A model



R32 model

Height
-22.7%

Link Up with a Variety of Central Control System (option)

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



Central Control System

Various Cassette Grilles

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



UTG-UKGA-W
White Grille
Wired remote controller
(touch panel)



UTG-UKGA-B
Black Grille



UTG-UKGC-W
White Grille

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



AUXG18/22/24KRLB

AUXG30/36/45/54KRLB



For AUXG18/22KRLB

For AUXG24KRLB

For AUXG30/36KRLB

For AUXG45/54KRLB

Specifications

Model name	Indoor unit			AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit			AOHG18KBTB	AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG54KBTB	AOHG36KRTA	AOHG45KRTA	AOHG54KRTA
Power Source				Single phase, ~230 V, 50 Hz							3-phase, ~400 V, 50 Hz		
Capacity	Cooling	Rated	kW	5.2	6.0	6.8	8.5	9.5	12.1	13.4	9.5	12.1	13.4
		Min.-Max.		0.9-5.9	0.9-6.7	0.9-8.0	2.8-10.0	2.8-11.2	4.0-14.0	4.5-14.5	2.8-11.2	4.0-14.0	4.5-14.5
	Heating	Rated		6.0	7.0	7.5	10.0	10.8	13.5	13.7	10.8	13.5	15.5
		Min.-Max.		0.9-7.5	0.9-8.0	0.9-9.1	2.7-11.2	2.7-12.7	4.2-16.2	4.7-16.5	2.7-12.7	4.2-16.2	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		W/W	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	12.1/9.2	13.4/9.5	9.5/8.7	12.1/9.2	13.4/9.5
SEER	Cooling		W/W	7.00	7.00	6.60	6.70	6.55	6.65	6.53	6.55	6.65	6.53
SCOP	Heating (Average)		W/W	4.30	4.40	4.20	4.30	4.30	4.33	4.31	4.30	4.33	4.31
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating (Average)			A+	A+	A+	A+	A+	-	-	A+	-	-
ηc				%	-	-	-	-	-	263.0	258.2	-	258.2
ηh				%	-	-	-	-	-	170.2	169.4	-	169.4
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
	Outdoor (Cooling/Heating)		High	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59
Sound Power Level	Indoor (Cooling/Heating)		High	47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	60/60	61/61
	Outdoor (Cooling/Heating)		High	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	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	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	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	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
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
	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
Weight	Indoor		kg	23	23	24	26	29	29	29	29	29	29
	Outdoor		kg	36	38	42	52	52	67	67	53	67	67
Connection Pipe Diameter (Liquid/Gas)				mm	6.35/12.70	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Hose Diameter (I.D./O.D.)				mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)				m	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference				m	20	25	25	30	30	30	30	30	30
Operating Range	Cooling		°CDB	-15 to 46	-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		°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		kg (CO2eq-T)	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-UKGA-W: White wired remote controller (touch panel) UTG-UKCC-W: White/UTG-UKGA-B*: Black							UTG-UKGA-W: White wired remote controller (touch panel) UTG-UKGC-W: White/UTG-UKGA-B*: Black		
	Dimensions (H × W × D)			mm	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950
	Weight			kg	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

*1: IR Receiver Kit and Occupancy Sensor Kit cannot be connected.

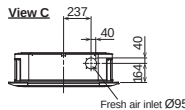
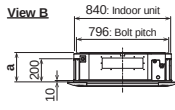
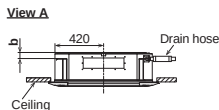
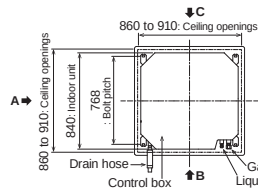
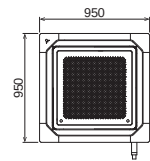
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type): Compact wired remote controller: Wired remote controller (touch panel): Wired remote controller:	UTY-RVRG UTY-RCRGZ1 UTY-RNRGZ5 UTY-RLRG UTY-RNNGM UTY-RVNGM UTY-RHRG UTY-RSRG UTY-SHZXC UTY-TERX UTY-LBTGC	WLAN adapter: External input and output PCB: External input and output PCB box: Insulation Kit for high humidity: Fresh Air Intake Kit: Wide Panel: Panel Spacer: Air Outlet Shutter Plate:	UTY-TFSXZ1 FG-RC-WIF1Z2 UTY-TFSXJ3 FG-AC-WIF1Z1 UTY-XCSX UTZ-GXRA UTZ-KXRA UTZ-VXRA UTG-AXXA-W UTG-BKXA-W UTR-YDZK	Cassette Grille: Network Convertor for single split (DC power supply type): Network Convertor for single split (AC power supply type): Silver Ion Filter: External Connect Kit: (Outdoor unit 30/36/45/54) External Connect Kit:	UTG-UKGA-B UTG-UKGA-W UTG-UKGC-W UTY-VTGX UTY-VTGVV UTD-HFRA UTY-XWZXZG UTY-XWZXZ3
--	--	--	--	--	---

Dimensions

(Unit: mm)



	AUXG 18/22/24KRLB	AUXG 30/36/45/54KRLB
a	256	298
b	56	98

SPLIT

Slim Duct

Slim Design



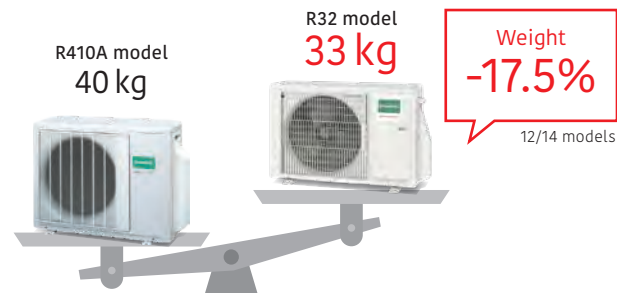
Slim Design

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



Compact and Lightweight Outdoor Unit

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



Wide Range of Static Pressures

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



Static pressure range
0 to 90 Pa

Auto Louver Grille Kit (Option)

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



Link Up with a Variety of Central Control System (Option)

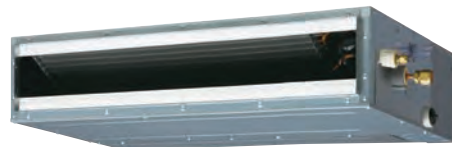
Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Model: ARXG09KLLAP / ARXG12KLLAP / ARXG14KLLAP / ARXG18KLLAP



ARXG09/12/14KLLAP



ARXG18KLLAP



For ARXG09/12/14KLLAP For ARXG18KLLAP

Specifications

Model name	Indoor unit			ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit			AOHG09KBTB	AOHG12KBTB	AOHG14KBTB	AOHG18KBTB
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.5	3.5	4.3	5.2
		Min.-Max.		0.9-3.2	0.9-4.4	0.9-5.4	0.9-5.9
	Heating	Rated		3.2	4.1	5.0	6.0
		Min.-Max.		0.9-4.7	0.9-5.7	0.9-6.5	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		W/W	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	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		46/46	47/47	49/49	50/50
	Indoor (Cooling/Heating)	High		57/57	58/58	60/60	58/58
	Outdoor (Cooling/Heating)	High		59/59	61/61	62/62	62/62
Airflow Rate	Indoor/Outdoor (Cooling)	High		m³/h	600/1,480	650/1,580	800/1,670
	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	Indoor		mm	198 × 700 × 620	198 × 700 × 620	198 × 700 × 620	198 × 900 × 620
H x W x D	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor		kg	17	17	17	20
	Outdoor		kg	32	33	33	36
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
Drain Hose Diameter (I.D./O.D.)				25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)			m	20 (15)	25 (15)	25 (15)	30 (20)
Max. Height Difference				15	20	20	20
Operating Range	Cooling	°CDB		-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			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)

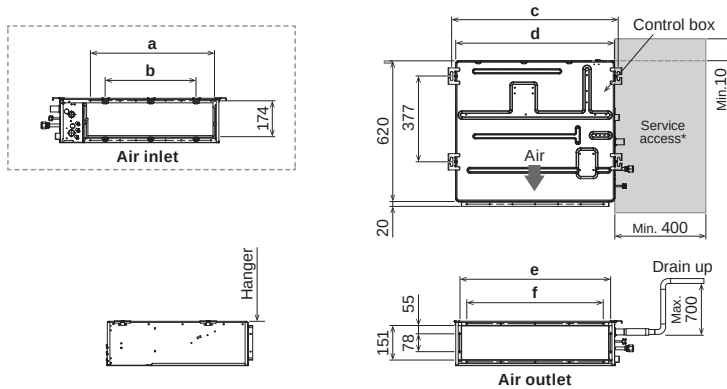
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRGZ1		FG-RC-WIF1Z2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5		UTY-TFSXJ3	External connect Kit:	UTY-XWZXZG
Wired remote controller:	UTY-RLRG		FG-AC-WIF1Z1	Remote sensor unit:	UTY-XSZXZ1
	UTY-RNNGM	Silver Ion Filter:	UTD-HFTA (09-14)	Auto Louver Grille Kit:	UTD-GXTA-W (09-14)
	UTY-RVNGM		UTD-HFTB (18)		UTD-GXTB-W (18)
Simple remote controller (without operation mode):	UTY-RHRG	External switch controller:	UTY-TERX		
Simple remote controller:	UTY-RSRG	IR receiver unit:	UTY-LBTGM		

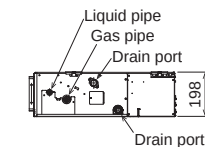
Dimensions

(Unit: mm)



	ARXG 09 / 12 / 14KLLAP	ARXG18KLLAP
a	574	774
b	P200×2=400	P200×3=600
c	734	934
d	700	900
e	650	850
f	P100×6=600	P100×8=800

*The design of the service access depends on the installation method. Refer to the installation manual for more information.



SPLIT

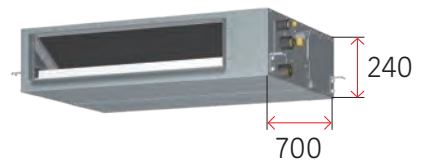
Medium Static Pressure Duct

High-Efficiency & Comfort



Slim & Compact Design

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



(Unit: mm)

High Energy Saving

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



SEER

6.50^{*1}

*1: 12/22 models

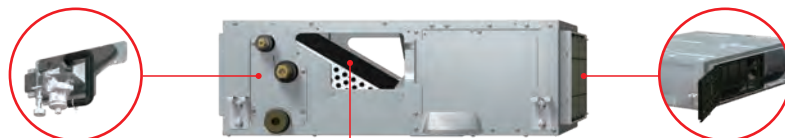
SCOP

4.20^{*2}

*2: 12/22/24 models

Easy Maintenance

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



Easy inspection of drain hose

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

Filter change

Filter can be installed and removed easily.

Easy cleaning of the heat exchanger

* Long life filter is available as optional parts.

Drain Hose as Standard

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



Wide Range of Static Pressures

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

Static pressure range
30 to 150 Pa

Model: ARXH12KMTAP / ARXH14KMTAP / ARXH18KMTAP / ARXH22KMTAP / ARXH24KMTAP



ARXH12/14/18KMTAP



ARXH22/24KMTAP



for ARXH12/14KMTAP For ARXH18/22KMTAP For ARXH24KMTAP

Specifications

Model name	Indoor unit			ARXH12KMTAP	ARXH14KMTAP	ARXH18KMTAP	ARXH22KMTAP	ARXH24KMTAP
	Outdoor unit			AOHG12KBTB	AOHG14KBTB	AOHG18KBTB	AOHG22KBTB	AOHG24KBTB
Power Source				Single phase, ~230 V, 50 Hz				
Capacity	Cooling	Rated	kW	3.5	4.3	5.2	6.0	6.8
		Min.-Max.		0.9-4.4	0.9-5.4	0.9-5.9	0.9-6.7	0.9-8.0
	Heating	Rated		4.1	5.0	6.0	7.0	7.5
		Min.-Max.		0.9-5.7	0.9-6.5	0.9-7.5	0.9-8.0	0.9-9.1
Input Power	Cooling/Heating		kW	0.930 / 1.080	1.260 / 1.320	1.580 / 1.740	1.67 / 1.84	1.89 / 1.87
EER	Cooling		W/W	3.76	3.40	3.30	3.60	3.60
COP	Heating			3.80	3.79	3.45	3.80	4.01
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
SEER	Cooling		W/W	6.50	6.10	6.20	6.50	6.40
SCOP	Heating (Average)			4.20	4.00	4.10	4.20	4.20
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++
	Heating (Average)			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
Annual Energy Consumption	Cooling		kWh/a	196	255	301	331	380
	Heating			1,133	1,330	1,501	1,598	1,999
Moisture Removal			l/h	1.3	1.3	2.0	1.5	2.2
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	29 / 27 / 25 / 23	32 / 29 / 27 / 25	33 / 30 / 28 / 26	32 / 28 / 25 / 24	34 / 30 / 28 / 26
	Indoor (Heating)	H/M/L/Q		29 / 27 / 25 / 23	32 / 29 / 27 / 25	33 / 30 / 28 / 26	32 / 28 / 25 / 24	34 / 30 / 28 / 26
Sound Power Level	Outdoor (Cooling/Heating)	High		47 / 47	49 / 49	50 / 50	51 / 51	53 / 54
	Indoor (Cooling/Heating)	High		58 / 58	59 / 59	60 / 60	58 / 58	60 / 60
	Outdoor (Cooling/Heating)	High	61 / 61	62 / 62	62 / 62	63 / 63	65 / 66	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	650 / 1,580	800 / 1,670	840 / 2,160	1,150 / 2,240	1,230 / 2,700
	Indoor/Outdoor (Heating)	High		650 / 1,520	800 / 1,580	840 / 1,830	1,150 / 1,960	1,230 / 2,700
Static pressure range (Standard)			Pa	30 to 150 (40)	30 to 150 (40)	30 to 150 (40)	30 to 150 (40)	30 to 150 (50)
Net Dimensions	Indoor		mm	240 × 700 × 700	240 × 700 × 700	240 × 700 × 700	240 × 1,000 × 700	240 × 1,000 × 700
H x W x D	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315
Weight	Indoor		kg	24	24	24	31	31
	Outdoor		kg	33	33	36	38	42
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	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
Max. Pipe Length (Pre-Charge)			m	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max. Height Difference				20	20	20	25	25
Operating Range	Cooling		°CDB	-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
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)	

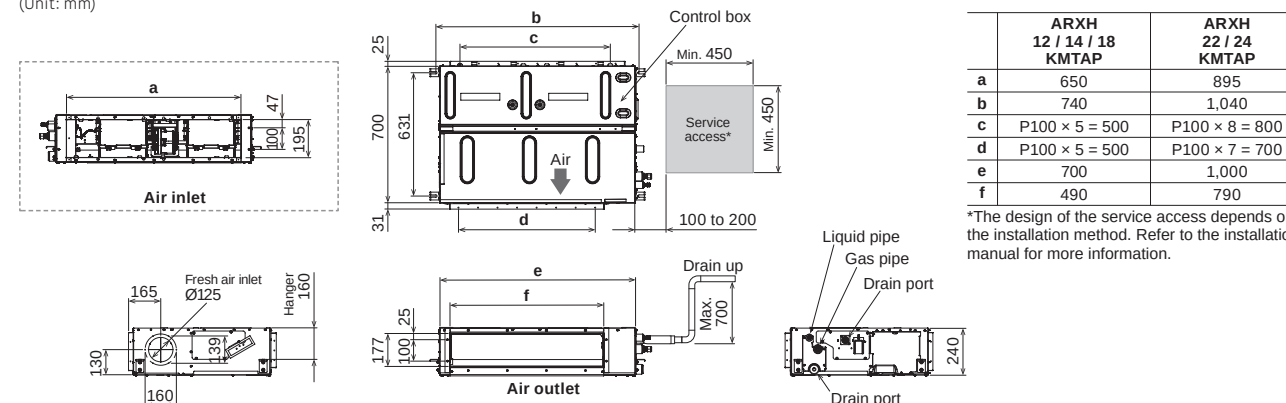
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	Silver ion filter:	UTD-HFNC (12/14/18)	External input and output PCB:	UTY-XCSX
Compact wired remote controller:	UTY-RCRGZ1		UTD-HFNB (22/24)	External input and output PCB bracket:	UT2-GXDA
Wired remote controller (touch panel):	UTY-RNRGZ5	Long-life filter:	UTD-LFDC (12/14/18)	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller:	UTY-RLRG		UTD-LFDB (22/24)	Network Converter for single split (AC power supply type):	UTY-VTGV
Simple remote controller (without operation mode):	UTY-RHRG	MODBUS converter:	UTY-VMSX	External Connect Kit:	UTY-XWZXZG
Simple remote controller:	UTY-RSRG	KNX converter:	UTY-VKXS	IR receiver unit:	UTY-LBTGM
Remote sensor unit:	UTY-XSZX	WLAN adapter:	UTY-TFSXZ1	External switch controller:	UTY-TERX
	UTY-XSZXZ1		UTY-TFSXJ3		

Dimensions

(Unit: mm)



	ARXH 12 / 14 / 18 KMTAP	ARXH 22 / 24 KMTAP
a	650	895
b	740	1,040
c	P100 × 5 = 500	P100 × 8 = 800
d	P100 × 5 = 500	P100 × 7 = 700
e	700	1,000
f	490	790

*The design of the service access depends on the installation method. Refer to the installation manual for more information.

SPLIT

Medium Static Pressure Duct

High-Efficiency & Comfort



Slim & Compact Design

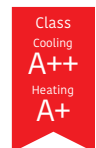
The product has reduced the height to 240 mm, making it more compact. The slim design fits nicely into narrow spaces under the ceiling.



(Unit: mm)

High Energy Saving

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



SEER

6.23^{*1}

*1: 30 model

SCOP

4.10^{*2}

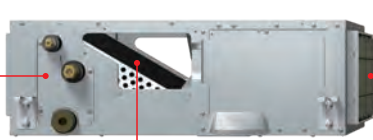
*2: 36 model

Easy Maintenance

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



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



Filter change
Filter can be installed and removed easily.



Easy cleaning of the heat exchanger

* Long life filter is available as optional parts.

Drain Hose as Standard

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

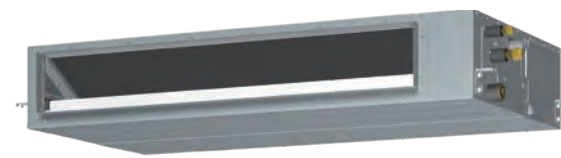


Wide Range of Static Pressures

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

Static pressure range
30 to 150 Pa

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



For ARXH30/36KMTAP For ARXH45/54KMTAP

Specifications

Model name	Indoor unit			ARXH30KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH54KMTAP
	Outdoor unit			AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG36KRTA	AOHG45KRTA	AOHG54KRTA
Power Source				Single phase, ~230 V, 50 Hz			3-phase, ~400 V, 50 Hz		
Capacity	Cooling	Rated	kW	8.5	9.5	12.1	9.5	12.1	13.4
		Min.-Max.		2.8-10.0	2.8-11.2	4.0-13.5	2.8-11.2	4.0-13.5	4.5-14.5
	Heating	Rated		10.0	10.8	13.5	10.8	13.5	15.5
		Min.-Max.		2.7-11.2	2.7-12.7	4.2-16.2	2.7-12.7	4.2-16.2	4.7-16.5
Input Power	Cooling/Heating		kW	2.57 / 2.50	2.97 / 2.70	3.87 / 3.73	2.97 / 2.70	3.87 / 3.73	4.62 / 4.65
EER	Cooling		W/W	3.31	3.20	3.13	3.20	3.13	2.90
COP	Heating			4.00	4.00	3.62	4.00	3.62	3.33
Pdesign	Cooling/Heating (-10°C)		kW	8.5 / 8.0	9.5 / 8.7	12.1 / 9.2	9.5 / 8.7	12.1 / 9.2	13.4 / 9.5
SEER	Cooling		W/W	6.23	6.10	5.60	6.10	5.60	5.41
SCOP	Heating (Average)			4.00	4.10	4.10	4.10	4.10	4.10
Energy Efficiency Class	Cooling			A++	A++	-	A++	-	-
	Heating (Average)			A+	A+	-	A+	-	-
ηc			%	-	-	221.0	-	221.0	213.4
ηh				-	-	161.0	-	161.0	161.0
Max. Operating Current	Cooling/Heating		A	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	485	553	-	553	-	-
	Heating			2,795	2,970	-	2,970	-	-
Moisture Removal			l/h	1.8	2.0	4.0	2.0	4.0	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38 / 34 / 31 / 28	38 / 34 / 31 / 28	40 / 36 / 32 / 29	38 / 34 / 31 / 28	40 / 36 / 32 / 29	40 / 36 / 32 / 29
	Indoor (Heating)	H/M/L/Q		38 / 34 / 31 / 28	38 / 34 / 31 / 28	40 / 36 / 32 / 29	38 / 34 / 31 / 28	40 / 36 / 32 / 29	40 / 36 / 32 / 29
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	53 / 55	55 / 55	57 / 57	55 / 55	57 / 57	57 / 59
	Indoor (Cooling/Heating)	High		64 / 64	65 / 65	67 / 67	65 / 65	67 / 67	67 / 67
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	68 / 69	70 / 70	71 / 71	70 / 70	71 / 71	73 / 73
	Indoor/Outdoor (Cooling)	High		1,950 / 3,750	2,070 / 3,750	2,160 / 4,450	2,070 / 3,750	2,160 / 4,450	2,160 / 4,450
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	1,950 / 3,750	2,070 / 3,750	2,160 / 4,450	2,070 / 3,750	2,160 / 4,450	2,160 / 4,450
Static pressure range (Standard)	Indoor/Outdoor (Heating)	High		30 to 150 (50)	30 to 150 (50)	30 to 150 (60)	30 to 150 (50)	30 to 150 (60)	30 to 150 (60)
Net Dimensions	Indoor		mm	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700
H x W x D	Outdoor		mm	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor		kg	42	42	42	42	42	42
	Outdoor		kg	52	52	67	53	67	67
Connection Pipe Diameter (Liquid/Gas)			mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Hose Diameter (I.D./O.D.)				25 / 32	25 / 32	25 / 32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)			m	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference				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
	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			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 information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):
Compact wired remote controller:
Wired remote controller (touch panel):
Wired remote controller:
Simple remote controller (without operation mode):
Simple remote controller:
Remote sensor unit:

UTY-RVRG
UTY-RCRGZ1
UTY-RNRGZ5
UTY-RLRG
UTY-RHRG
UTY-RSRG
UTY-XSZX
UTY-XSZXZ1

IR receiver unit:
Silver ion filter:
Long-life filter:
MODBUS converter:
KNX converter:
WLAN adapter:
External switch controller: UTY-TERX

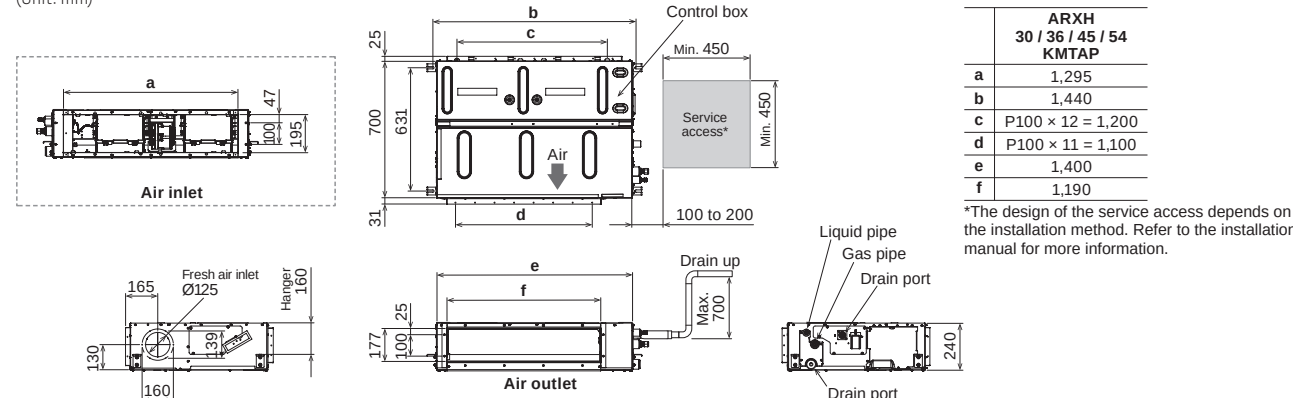
UTY-LBTGM
UTD-HFNA
UTD-LFDA
UTY-VMSX
UTY-VKSX
UTY-TFSXZ1
UTY-TFSXJ3

External input and output PCB:
External input and output PCB bracket:
Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
External Connect Kit:
(Outdoor unit)
External Connect Kit:

UTY-XCSX
UTZ-GXDA
UTY-VTGX
UTY-VTGXV
UTY-XWZXZG
UTY-XWZXZ3

Dimensions

(Unit: mm)



SPLIT

Medium Static Pressure Duct

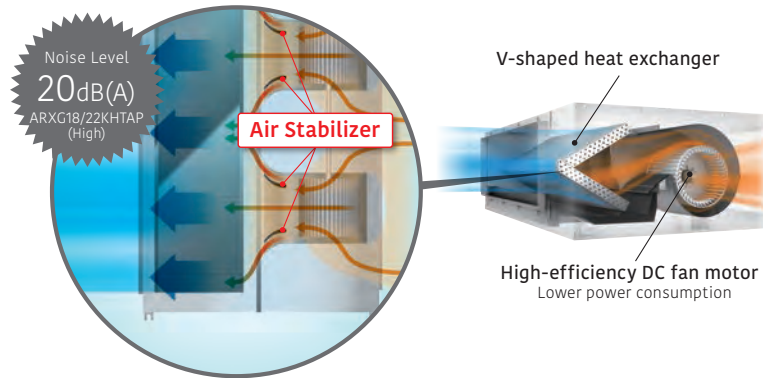
Compact Size



(30)

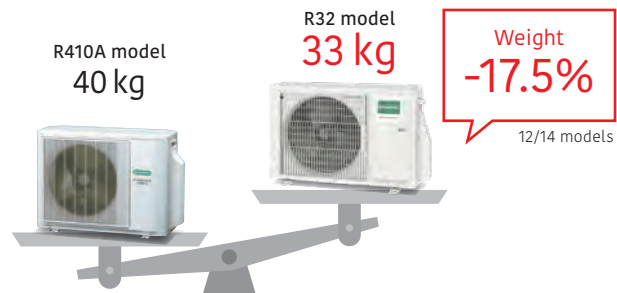
High-Efficiency & Quiet Operation

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



Small, Lightweight Outdoor Unit

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



Automatic Airflow Adjustment Function

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

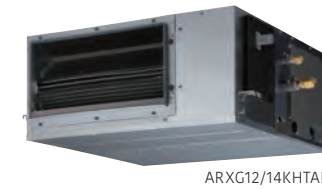


Link Up with a Variety of Central Control System (Option)

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



Model: ARXG12KHTAP / ARXG14KHTAP / ARXG18KHTAP / ARXG22KHTAP / ARXG24KHTAP / ARXG30KHTAP



ARXG12/14KHTAP



ARXG18/22/24/30KHTAP



For ARXG12/14KHTAP For ARXG18/22KHTAP For ARXG24KHTAP For ARXG30KHTAP

Specifications

Model name	Indoor unit			ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP
	Outdoor unit			AOHG12KBTB	AOHG14KBTB	AOHG18KBTB	AOHG22KBTB	AOHG24KBTB	AOHG30KBTB
Power Source				Single phase, ~230 V, 50 Hz					
Capacity	Cooling	Rated	kW	3.5	4.3	5.2	6.0	6.8	8.5
		Min.-Max.		0.9-4.4	0.9-5.4	0.9-5.9	0.9-6.7	0.9-8.0	2.8-10.0
	Heating	Rated		4.1	5.0	6.0	7.0	7.5	10.0
		Min.-Max.		0.9-5.7	0.9-6.5	0.9-7.5	0.9-8.0	0.9-9.1	2.7-11.2
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
EER	Cooling		W/W	4.02	3.68	3.82	3.51	3.60	3.21
COP	Heating			4.10	4.00	3.85	3.87	4.06	3.80
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
SEER	Cooling		W/W	6.30	6.20	6.50	6.50	6.50	6.23
SCOP	Heating (Average)			4.10	4.00	4.10	4.20	4.10	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	A++	
	Heating (Average)		A+	A+	A+	A+	A+	A+	
Max. Operating Current	Cooling/Heating		A	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6
Annual Energy Consumption	Cooling		kWh/a	194	243	280	323	366	477
	Heating			1,159	1,328	1,501	1,597	2,048	2,796
Moisture Removal			l/h	0.7	0.9	1.2	1.5	1.8	2.3
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29
	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
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	47/47	49/49	50/50	51/51	53/54	53/55
	Indoor (Cooling/Heating)	High		57/58	59/60	54/54	57/57	57/57	63/65
	Outdoor (Cooling/Heating)	High		61/61	62/62	62/62	63/63	65/66	68/69
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	850/1,580	950/1,670	1,050/2,160	1,050/2,240	1,360/2,700	1,700/3,750
	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
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)
Net Dimensions	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 × 1,000 × 700
H x W x D	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	
Weight	Indoor	kg	27	27	35	35	36	36	
	Outdoor	kg	33	33	36	38	42	52	
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
Drain Hose Diameter (I.D./O.D.)				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)
Max. Height Difference				20	20	20	25	25	30
Operating Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.85 (0.574)	0.85 (0.574)	1.02 (0.689)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	

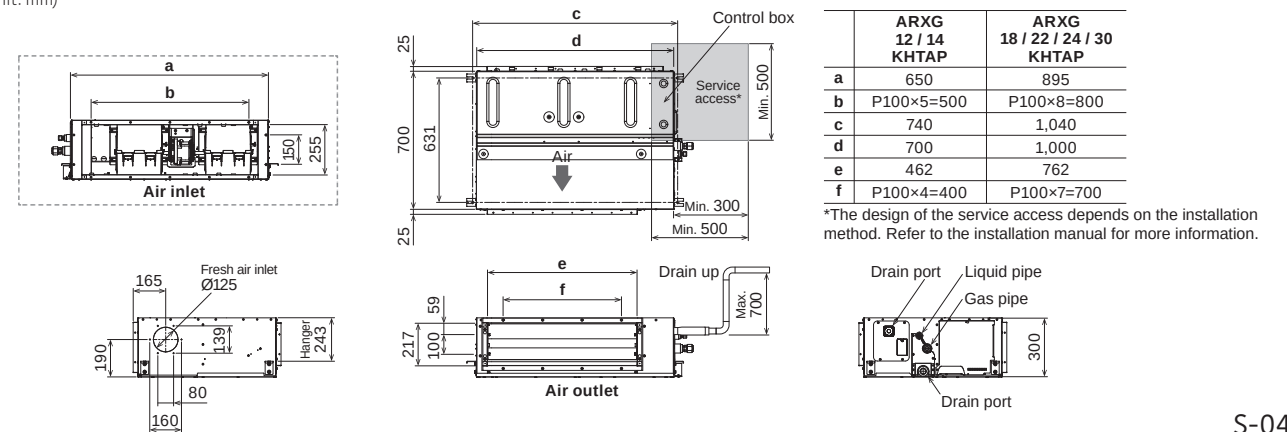
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	Long-life filter: UTD-LFNB (18-30)	External input and output PCB:	UTY-XCSX
Compact wired remote controller:	UTY-RCRGZ1	UTD-LFNC (12-14)	External Connect Kit:	UTY-XWZXZG
Wired remote controller (touch panel):	UTY-RNRGZ5	Silver Ion Filter: UTD-HFNB (18-30)	External input and output PCB bracket:	UTZ-GXNA
Wired remote controller:	UTY-RLRG	UTD-HFNC (12/14)	Network Converter for single split (DC power supply type):	UTY-VTGX
	UTY-RNNGM	WLAN adapter: UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
	UTY-RVNGM	FG-RC-WIF1Z2	External switch controller:	UTY-TERX
	UTY-RHRG	UTY-TFSXJ3		
Simple remote controller (without operation mode):	UTY-RSRG	FG-AC-WIF1Z1		
Simple remote controller:	UTY-RSRG	IR receiver unit: UTY-LBTGM	(Outdoor unit 30)	
Remote sensor unit:	UTY-XS2XZ1		External Connect Kit:	UTY-XWZXZ3

Dimensions

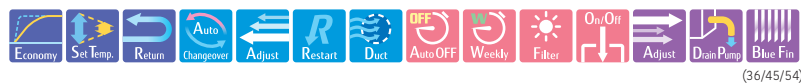
(Unit: mm)



SPLIT

Medium Static Pressure Duct

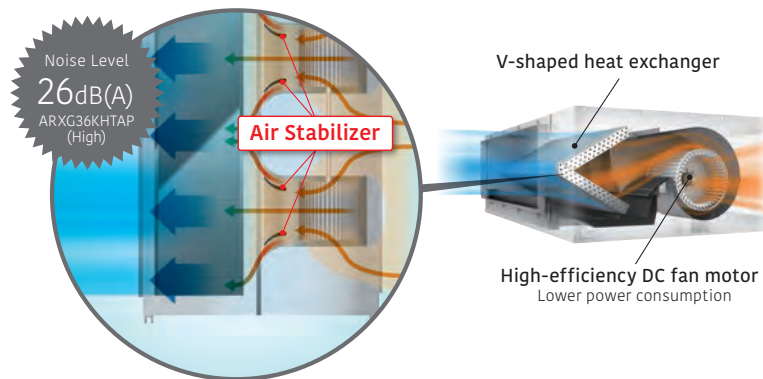
Compact Size



(36/45/54)

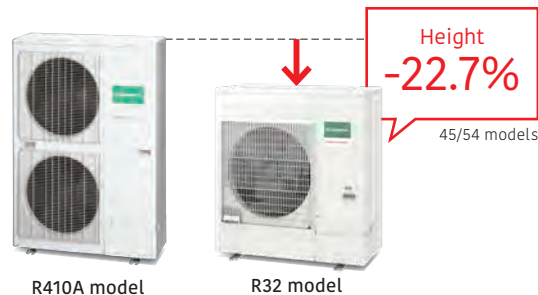
High-Efficiency & Quiet Operation

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



Small, Lightweight Outdoor Unit

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



Automatic Airflow Adjustment Function

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

Automatically adjust !



Static pressure
??? Pa
It was necessary to calculate

Link Up with a Variety of Central Control System (Option)

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



Model: ARXG36KHTAP / ARXG45KHTAP / ARXG54KHTAP
ARXG36KHTAP [3-phase] / ARXG45KHTAP [3-phase] / ARXG54KHTAP [3-phase]



For ARXG36KHTAP For ARXG45/54KHTAP

Specifications

Model name	Indoor unit			ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	
	Outdoor unit			AOHG36KBTB	AOHG45KBTB	AOHG54KBTB	AOHG36KRTA	AOHG45KRTA	AOHG54KRTA	
Power Source				Single phase, ~230 V, 50 Hz			3-phase, ~400 V, 50 Hz			
Capacity	Cooling	Rated	kW	9.5	12.1	13.4	9.5	12.1	13.4	
		Min.-Max.		2.8-11.2	4.0-14.0	4.5-14.5	2.8-11.2	4.0-14.0	4.5-14.5	
	Heating	Rated		10.8	13.5	15.5	10.8	13.5	15.5	
		Min.-Max.		2.7-12.7	4.2-16.2	4.7-16.5	2.7-12.7	4.2-16.2	4.7-16.5	
Input Power	Cooling/Heating		kW	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		3.32	3.43	3.03	3.32	3.43	3.03	
COP	Heating			4.35	4.01	3.98	4.35	4.01	3.98	
Pdesign	Cooling/Heating (-10°C)		kW	9.5 / 8.7	12.1 / 9.2	13.4 / 9.5	9.5 / 8.7	12.1 / 9.2	13.4 / 9.5	
SEER	Cooling		W/W	6.10	5.83	5.81	6.10	5.83	5.81	
SCOP	Heating (Average)			4.20	3.87	3.85	4.20	3.87	3.85	
Energy Efficiency Class	Cooling			A++	-	-	A++	-	-	
	Heating (Average)			A+	-	-	A+	-	-	
ηc			%	-	230.2	229.4	-	230.2	229.4	
ηh				-	151.8	151.0	-	151.8	151.0	
Max. Operating Current	Cooling/Heating		A	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	544	-	-	544	-	-	
	Heating			2,898	-	-	2,898	-	-	
Moisture Removal			l/h	2.0	2.6	3.7	2.0	2.6	3.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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		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	dB(A)	55/55	57/57	57/59	55/55	57/57	57/59	
	Indoor (Cooling/Heating)	High		64/63	67/69	67/69	64/63	67/69	67/69	
	Outdoor (Cooling/Heating)	High		70/70	71/71	73/73	70/70	71/71	73/73	
	Indoor/Outdoor (Cooling)	High		2,050/3,750	2,550/4,450	2,550/4,450	2,050/3,750	2,550/4,450	2,550/4,450	
Airflow Rate	Indoor/Outdoor (Heating)		High	m³/h	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 (47)	30 to 200 (60)	30 to 200 (60)	30-200 (47)	30-200 (60)	30-200 (60)	
Net Dimensions	Indoor	mm		300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	300 × 1,400 × 700	
H x W x D	Outdoor	mm		788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	
Weight	Indoor	kg		46	46	46	46	46	46	
	Outdoor	kg		52	67	67	53	67	67	
Connection Pipe Diameter (Liquid/Gas)			mm	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	
Max. Pipe Length (Pre-Charge)			m	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	
Max. Height Difference			m	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	
	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			1.90 (1.283)	2.70 (1.823)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)	

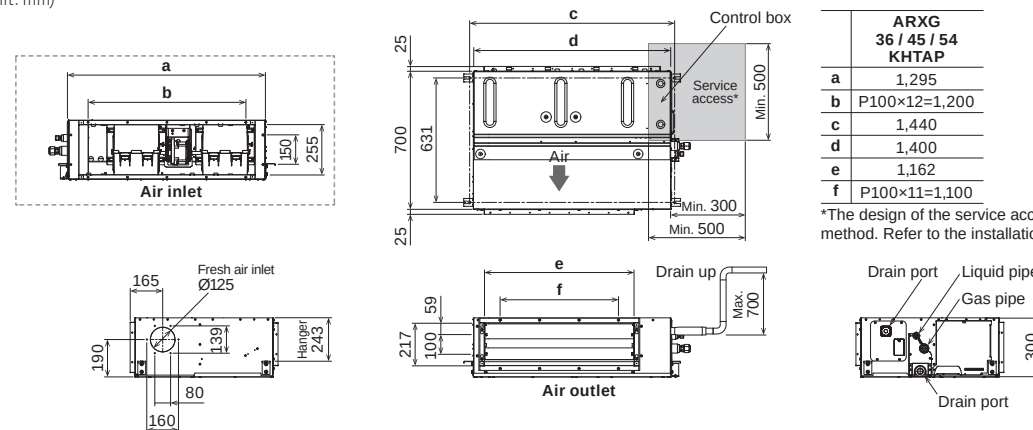
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	Long-life filter:	UTD-LFNA	External input and output PCB:	UTY-XCSX
Compact wired remote controller:	UTY-RCRGZ1	Silver Ion Filter:	UTD-HFNA	External input and output PCB bracket:	UTZ-GXNA
Wired remote controller (touch panel):	UTY-RNRGZ5		UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller:	UTY-RLRG		FG-RC-WIF1Z2	Network Converter for single split (AC power supply type):	UTY-VTGXV
	UTY-RNNGM	WLAN adapter:	UTY-TFSXJ3		
	UTY-RVNGM		FG-AC-WIF1Z1		
Simple remote controller (without operation mode):	UTY-RHRG	External switch controller:	UTY-TERX	(Outdoor unit 36/45/54)	
Simple remote controller:	UTY-RSRG	IR receiver unit:	UTY-LBTGM	External connect kit:	UTY-XWZXZG
Remote sensor unit:	UTY-XSZXZ1	External Connect Kit:	UTY-XWZXZG		

Dimensions

(Unit: mm)



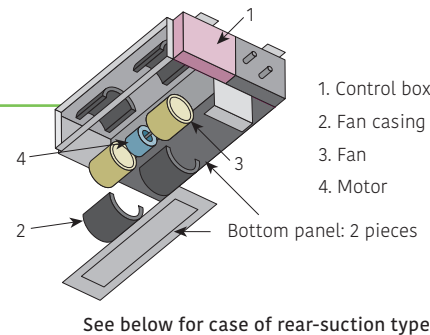
Medium Static Pressure Duct Standard



(30/36/45)

Easy Maintenance

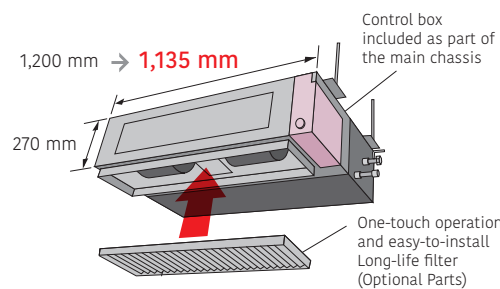
Structural improvement is attained by making the bottom panel in two pieces—front and rear. The internal fan casing is also manufactured in two pieces—upper and lower. As a result, the motor and fan can be easily accessed and maintained by removing the rear panel and the lower casing while leaving the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



Slim & Compact Design

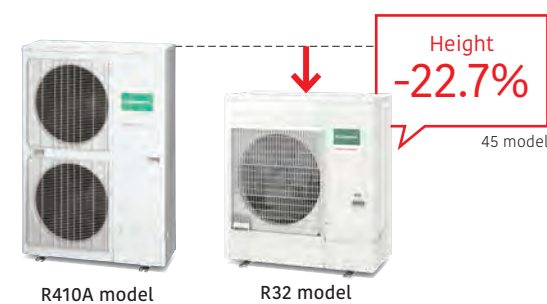
Indoor Unit

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

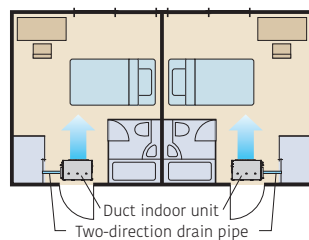


Outdoor Unit

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



Two-Direction Drain Pipe



Link Up with a Variety of Central Control System (Option)

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



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



For ARXG22KMLB For ARXG24KMLA For ARXG30/36KMLA For ARXG45KMLA

Specifications

Model name	Indoor unit			ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA	
	Outdoor unit			AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG36KRTA	AOHG45KRTA	
Power Source				Single phase, ~230 V, 50 Hz					3-phase, ~400 V, 50 Hz		
Capacity	Cooling	Rated	kW	6.0	6.8	8.5	9.5	12.1	9.5	12.1	
		Min.-Max.		0.9-6.7	0.9-8.0	2.8-10.0	2.8-11.2	4.0-13.0	2.8-11.2	4.0-13.0	
	Heating	Rated		7.0	7.5	10.0	10.8	13.5	10.8	13.5	
		Min.-Max.		0.9-8.0	0.9-9.1	2.7-11.2	2.7-12.7	4.2-15.2	2.7-12.7	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	12.1/9.2	9.5/8.7	12.1/9.2	
SEER	Cooling		W/W	6.10	6.20	6.23	6.10	5.25	6.10	5.25	
SCOP	Heating			4.10	4.10	4.00	4.00	3.63	4.00	3.63	
Energy Efficiency Class	Cooling			A++	A++	A++	A++	-	A++	-	
	Heating			A+	A+	A+	A+	-	A+	-	
ηc	%			-	-	-	-	207.0	-	207.0	
ηh				-	-	-	-	142.2	-	142.2	
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	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	
	Outdoor (Cooling/Heating)	High		51/51	53/54	53/55	55/55	57/57	55/55	57/57	
Sound Power Level	Indoor (Cooling/Heating)	High		60/62	60/62	65/69	65/70	68/70	65/70	68/70	
	Outdoor (Cooling/Heating)	High	63/63	65/66	68/69	70/70	71/71	70/70	71/71		
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	1,100/2,240	1,100/2,700	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450	
	Indoor/Outdoor (Heating)	High		1,100/1,960	1,100/2,700	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450	
Static pressure range (Standard)				Pa	30 to 150 (35)	30 to 150 (35)	30 to 150 (47)	30 to 150 (60)	30-150 (47)	30-150 (60)	
Net Dimensions		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	
H x W x D		Outdoor	mm	632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	
Weight	Indoor		kg	35	35	38	38	39	38	39	
	Outdoor		kg	38	42	52	52	67	53	67	
Connection Pipe Diameter (Liquid/Gas)				mm	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Hose Diameter (I.D./O.D.)					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					25	25	30	30	30	30	30
Operating Range	Cooling		°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)			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)

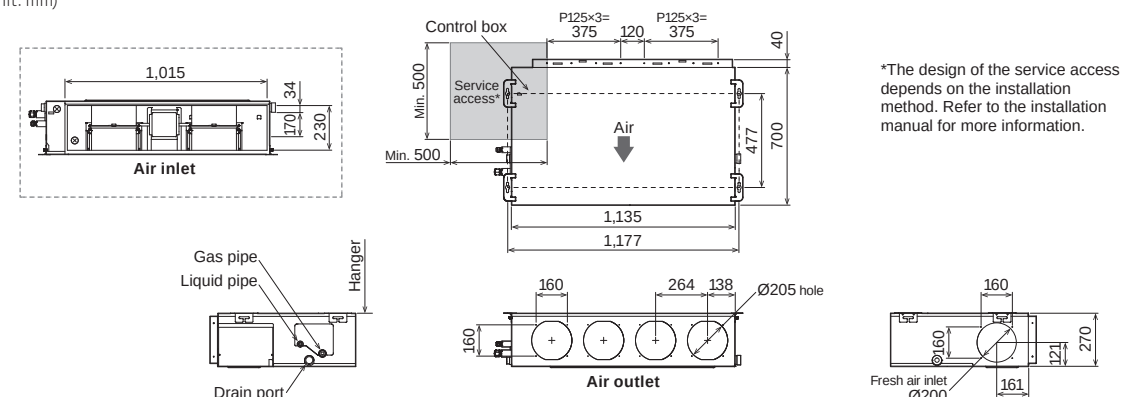
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRGZ1		FG-RC-WIF122	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5		UTY-TFSXJ3	Long-life filter:	UTD-LF25NA
Wired remote controller:	UTY-RLRG		FG-AC-WIF121	Silver Ion Filter:	UTD-HFND
	UTY-RNNGM	Flange (Round):	UTD-RF204	External Connect Kit:	UTY-XWZXZG
	UTY-RVNGM	Flange (Square):	UTD-SF045T		
	UTY-RVNGM	IR receiver unit:	UTY-LBTGM		
Simple remote controller (without operation mode):	UTY-RHRG	Remote sensor unit:	UTY-XSZXZ1	(Outdoor unit 30/36/45)	
Simple remote controller:	UTY-RSRG	Drain pump unit:	UTZ-PX1NBA	External Connect Kit:	UTY-XWZXZ3
External switch controller:	UTY-TERX				

Dimensions

(Unit: mm)

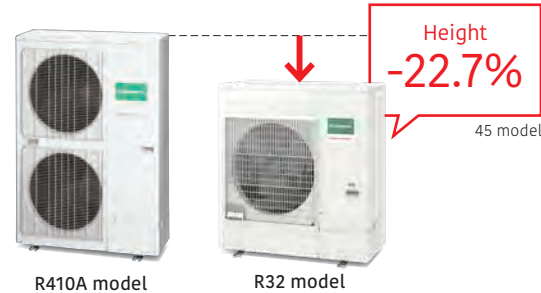
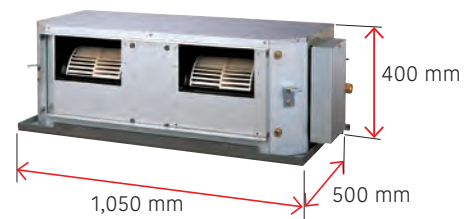


High Static Pressure Duct

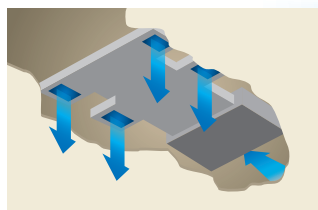


Easy Installation (Compact & Lightweight)

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



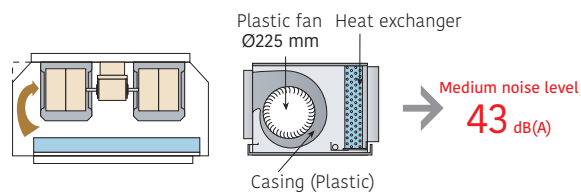
Design Also Suits High Static Pressure



Max.
250 Pa

Low Noise

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



Link Up with a Variety of Central Control System (Option)

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



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



Specifications

Model name	Indoor unit			ARXG45KHTB	ARXG54KHTB	ARXG45KHTB	ARXG54KHTB
	Outdoor unit			AOHG45KBTB	AOHG54KBTB	AOHG45KRTA	AOHG54KRTA
Power Source				Single phase, ~230 V, 50 Hz		3-phase, ~400 V, 50 Hz	
Capacity	Cooling	Rated	kW	12.1	13.4	12.1	13.4
		Min.-Max.		4.0-14.0	5.0-14.5	4.0-14.0	5.0-14.5
	Heating	Rated		13.5	15.5	13.5	15.5
		Min.-Max.		5.0-16.2	5.5-18.0	5.0-16.2	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	12.1 / 9.2	13.4 / 9.5	12.1 / 9.2	13.4 / 9.5
SEER	Cooling		W/W	5.14	5.10	5.14	5.10
SCOP	Heating			4.00	3.96	4.00	3.96
Energy Efficiency Class	Cooling			-	-	-	-
	Heating			-	-	-	-
ηc	%			202.6	201.0	202.6	201.0
ηh				157.0	155.4	157.0	155.4
Max. Operating Current	Cooling/Heating		A	28.5/28.5	28.5/28.5	14.0/14.0	14.0/14.0
Annual Energy Consumption	Cooling		kWh/a	-	-	-	-
	Heating			-	-	-	-
Moisture Removal			l/h	1.5	2.0	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L	dB(A)	47/43/40	47/43/40	47/43/40	47/43/40
	Indoor (Heating)	H/M/L		47/43/40	47/43/40	47/43/40	47/43/40
	Outdoor (Cooling/Heating)	High		57/57	57/59	57/57	57/59
Sound Power Level	Indoor (Cooling/Heating)	High	dB(A)	75/74	75/74	75/74	75/74
	Outdoor (Cooling/Heating)	High		71/71	73/73	71/71	73/73
	Indoor/Outdoor (Cooling)	High		3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
	Indoor/Outdoor (Heating)	High		3,350/4,450	3,350/4,450	3,350/4,450	3,350/4,450
Static pressure range (Standard)			Pa	100 to 250 (100)	100 to 250 (100)	100to250 (100)	100to250 (100)
Net Dimensions H x W x D	Indoor	mm		400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500
	Outdoor	mm		998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor	kg		46	46	46	46
	Outdoor	kg		67	67	67	67
Connection Pipe Diameter (Liquid/Gas)			mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)				23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)			m	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference				30	30	30	30
Operating Range	Cooling		°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			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)

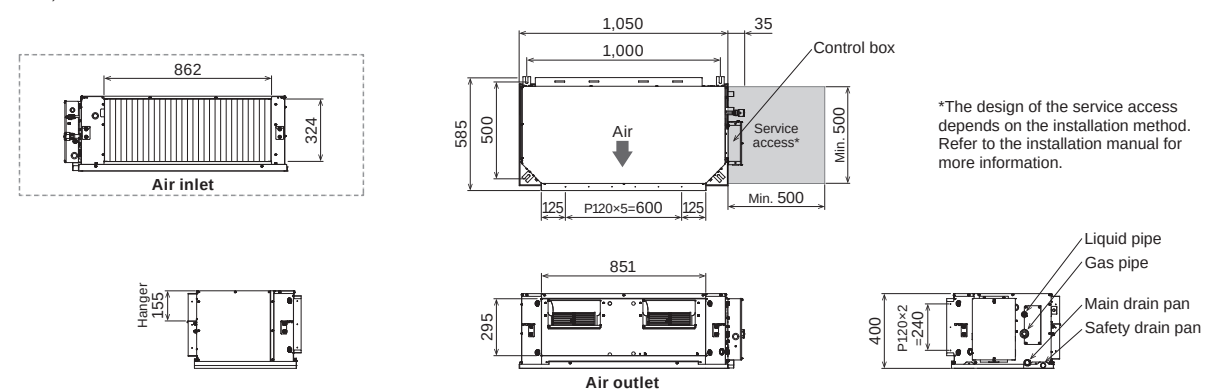
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type): UTY-RVRG	Remote sensor unit: UTY-XSZXZ1	Network Converter for single split (DC power supply type): UTY-VTGX
Compact wired remote controller: UTY-RCRGZ1	Long-life filter: UTD-LF60KA	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller (touch panel): UTY-RNRGZ5	External switch controller: UTY-TERX	Silver Ion Filter: UTD-HFKB
Wired remote controller: UTY-RLRG	WLAN adapter: UTY-TFSXZ1	External Connect Kit: UTY-XWZXZG
Simple remote controller: UTY-RSRG	UTY-TFSXJ3	
	FG-AC-WIF1Z1	
IR Receiver unit: UTY-RHRG	External input and output PCB: UTY-XCSX+UTZ-GXEA	(Outdoor unit)
		External Connect Kit: UTY-XWZXZ3

Dimensions

(Unit: mm)



SPLIT

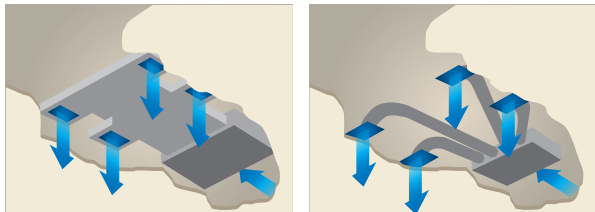
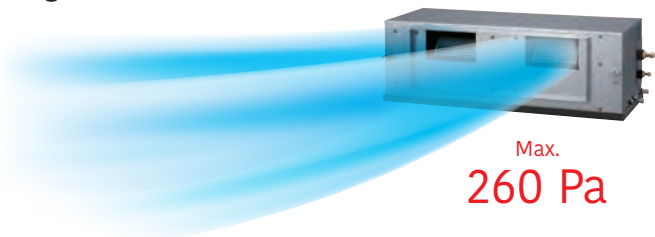
High Static Pressure Duct



High Energy Efficiency

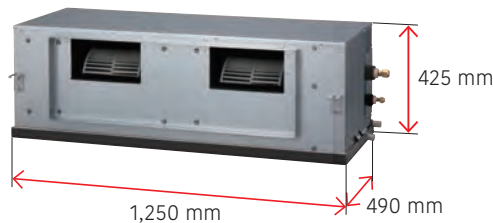
Much greater efficiency is achieved by the use of all-DC inverter technology.

Design Also Corresponding to High Static Pressure



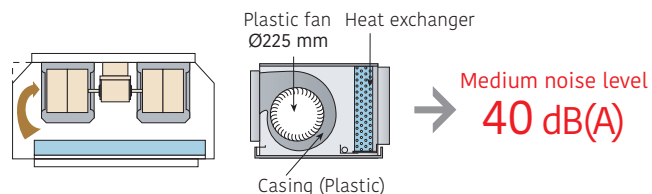
Easy Installation (Compact & Lightweight)

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



Low Noise

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



Link Up with a Variety of Central Control System (Option)

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



Model: ARHG60LHTA [3-phase]



Wired RC



Specifications

Model name	Indoor unit			ARHG60LHTA	
	Outdoor unit			AOHG60LATT	
Power Source				3-phase, ~400 V, 50 Hz	
Capacity	Cooling	Rated	kW	15.0	
		Min.-Max.		6.2-17.5	
	Heating	Rated		18.0	
		Min.-Max.		6.2-20.0	
Input Power	Cooling/Heating		kW	4.70/5.15	
EER	Cooling		W/W	3.19	
COP	Heating			3.50	
Pdesign	Cooling/Heating		kW	15.0 / 10.8	
SEER	Cooling		W/W	4.86	
SCOP	Heating			3.50	
ηc			%	191.4	
ηh				137.0	
Max. Operating Current	Cooling/Heating		A	12.5 /12.5	
Moisture Removal			l/h	2.0	
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 x W x D	Outdoor		mm	1,290 × 900 × 330	
Weight	Indoor		kg	54	
	Outdoor		kg	104	
Connection Pipe Diameter (Liquid/Gas)			mm	9.52/15.88	
Drain Hose Diameter (I.D./O.D.)				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)	

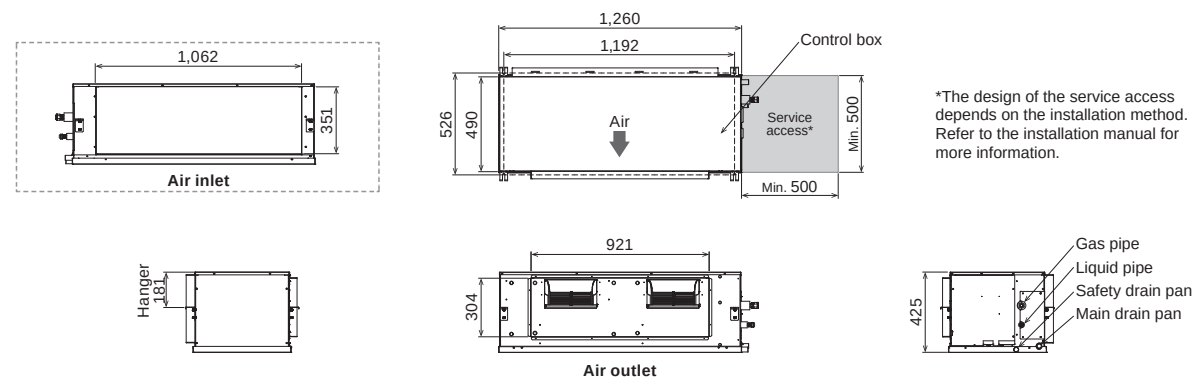
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired remote controller:	UTY-RNNGM	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller:	UTY-RVNGM	Network Converter for single split (AC power supply type):	UTY-VTGXV
External switch controller:	UTY-TERX	External Connect Kit:	UTD-EC55A
WLAN adapter:	UTY-TFNXZ1		
	FG-RC-WIF1Z2	(Outdoor unit)	
Remote sensor unit:	UTY-XSZXZ1	External Connect Kit:	UTY-XWZXZ2
IR receiver unit:	UTY-LRHGM		

Dimensions

(Unit: mm)



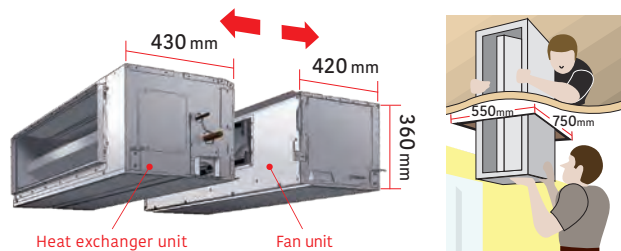
SPLIT

Big Duct



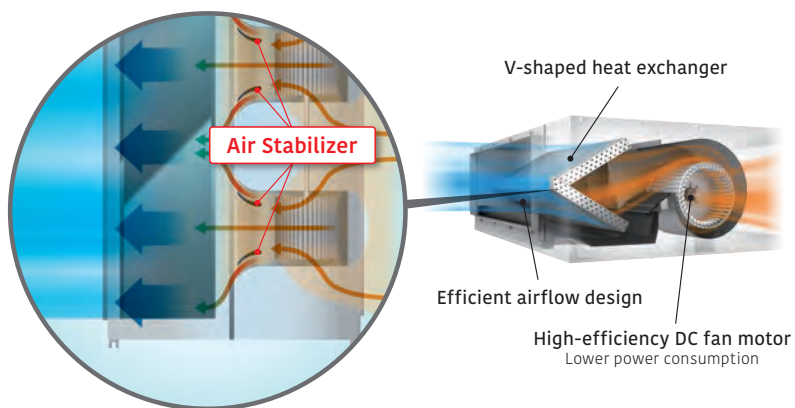
Splittable, Lightweight, and Compact Design

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



Quiet Operation

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



Automatic Airflow Adjustment Function

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

Automatically adjust !



Static pressure
??? Pa
It was necessary to calculate

Link Up with a Variety of Central Control System (Option)

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



Model: ARHG72LHTA / ARHG90LHTA



Wired RC



Specifications

Model name	Indoor unit			ARHG72LHTA		ARHG90LHTA	
	Outdoor unit			AOHG72LRLA		AOHG90LRLA	
Power Source	Indoor			Single phase, ~230 V, 50 Hz			
	Outdoor			3-phase, ~400 V, 50 Hz			
Capacity	Cooling	Rated	kW	19.0		22.0	
		Min.-Max.		8.4-20.9		10.3-24.2	
	Heating	Rated		22.4		27.0	
		Min.-Max.		7.2-24.6		8.5-29.7	
Input Power	Cooling/Heating		kW	6.46/6.59		7.77/8.18	
EER	Cooling		W/W	2.94		2.83	
COP	Heating		W/W	3.40		3.30	
Pdesign	Cooling/Heating		kW	19.0 / 15.3		22.0 / 18.5	
SEER	Cooling		W/W	5.22		5.14	
SCOP	Heating		W/W	3.94		3.92	
ηc			%	205.8		202.6	
ηh				154.6		153.8	
Max. Operating Current	Indoor (Cooling/Heating)		A	4.6 / 4.6		6.0 / 6.0	
	Outdoor (Cooling/Heating)			15.8 / 15.8		20.6 / 20.6	
Moisture Removal			l/h	4.5		6.0	
Sound Pressure	Indoor (Cooling)	H/M/L/Q	dB(A)	46/43/41/39		47/44/42/40	
	Indoor (Heating)	H/M/L/Q		46/43/41/39		47/44/42/40	
	Outdoor (Cooling/Heating)	High		55/55		55/57	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	4,300/8,400		4,300/8,400	
	Indoor/Outdoor (Heating)	High		4,300/8,400		4,300/9,000	
Static pressure range (Standard)			Pa	50 to 150 (72)		50 to 200 (72)	
Net Dimensions H x W x D	Indoor		mm	360 × 1,400 × 850		360 × 1,400 × 850	
	Outdoor		mm	1,428 × 1,080 × 480		1,428 × 1,080 × 480	
Weight	Indoor		kg	69		80	
	Outdoor		kg	165		174	
Connection Pipe Diameter (Liquid/Gas)			mm	12.7/25.4		12.7/25.4	
Drain Hose Diameter (I.D./O.D.)				25/32		25/32	
Max. Pipe Length (Pre-Charge)			m	100 (30)		100 (30)	
Max. Height Difference				30		30	
Operating Range	Cooling		°CDB	-15 to 46		-15 to 46	
	Heating			-20 to 24		-20 to 24	
Refrigerant	Type (Global Warming Potential)			R410A (2,088)		R410A (2,088)	
	Charge		kg (CO2eq-T)	5.6 (11.693)		7.1 (14.825)	

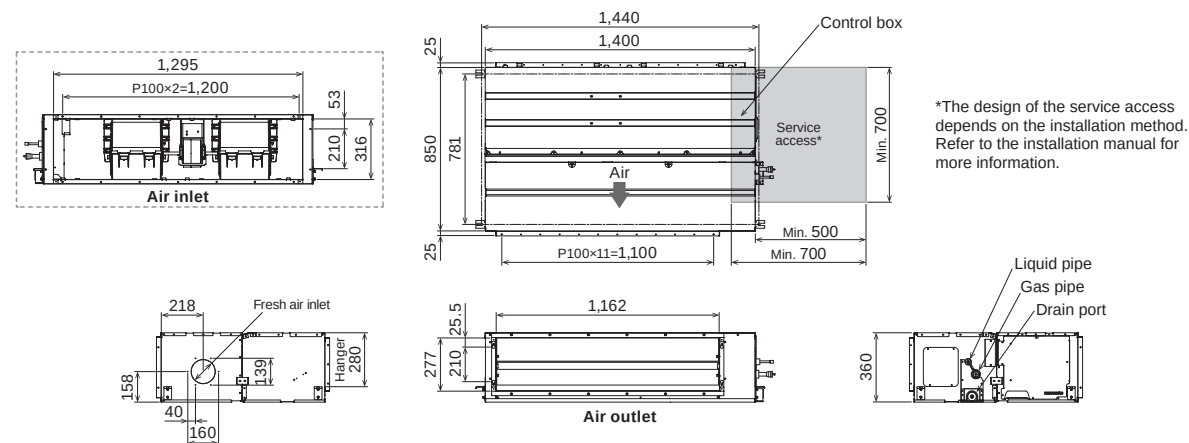
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRGZ1		FG-RC-WIFI22	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5		UTY-TFSXJ3	IR receiver unit:	UTY-LBTGM
Wired remote controller:	UTY-RLRG		FG-AC-WIFI21		UTY-LRHGM
	UTY-RNNGM	External input and output PCB:	UTY-XCSX	Silver Ion Filter:	UTD-HFKA
	UTY-RVNGM	Remote sensor unit:	UTY-XSZXZ1		
Simple remote controller (without operation mode):	UTY-RHRG	Long-life filter:	UTD-LFKA	(Outdoor unit)	
Simple remote controller:	UTY-RSRG	External Connect Kit:	UTY-XWZXZG	External Connect Kit:	UTY-XWZXZ3
External switch controller:	UTY-TERX	Drain pump unit:	UTZ-PX1NAB		

Dimensions

(Unit: mm)



SPLIT

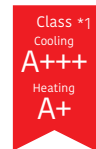
Floor

Compact Size



High Energy Saving

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

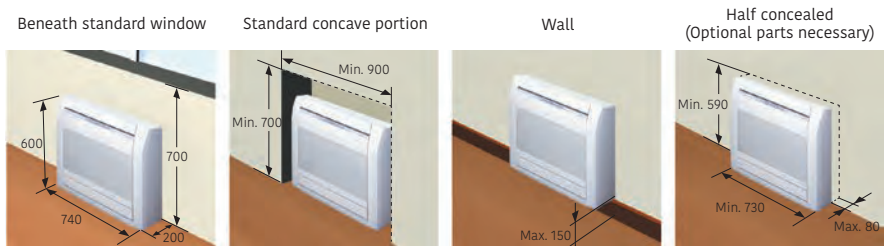


SEER 8.50^{*1} SCOP 4.30^{*1}

*1: 09 model

Flexible & Easy Installation

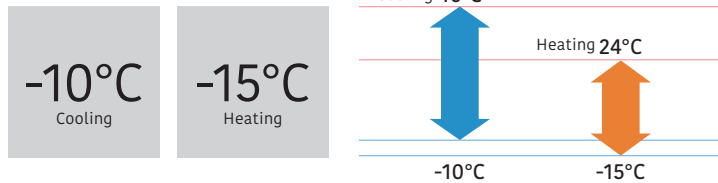
The compact and whole-surface suction design provides flexible installation options, including floor-standing, embedded, half concealed, and wall mount installation to match the room layout.



* Concaved position installation with concealment is prohibited.

Low Ambient Operation

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



Smart Device Control (option)

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

* See page C-022 for details on smart device control.

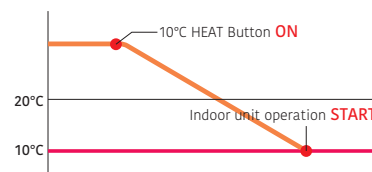


AIRSTAGE Mobile



10°C Heat

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



Model: AGHG09KVCA / AGHG12KVCA / AGHG14KVCA



Wireless RC



For AGHG09/12KVCA



For AGHG14KVCA

Specifications

Model name	Indoor unit			AGHG09KVCA	AGHG12KVCA	AGHG14KVCA
	Outdoor unit			AOHG09KVCA	AOHG12KVCA	AOHG14KVCA
Power Source				Single phase, ~230 V, 50 Hz		
Capacity	Cooling	Rated	kW	2.5	3.5	4.2
		Min.-Max.		0.9-3.5	0.9-4.0	0.9-5.2
	Heating	Rated		3.5	4.5	5.2
		Min.-Max.		0.9-5.1	0.9-5.3	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				1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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
	Outdoor (Cooling/Heating)	High		43/47	45/51	51/50
Sound Power Level	Indoor (Cooling/Heating)	High	m³/h	53/54	53/54	57/56
	Outdoor (Cooling/Heating)	High		58/61	61/64	63/63
Airflow Rate	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	Indoor		mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
H x W x D	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor		kg	14	14	14
	Outdoor		kg	31	31	38
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)				13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15
Operating Range	Cooling	°CDB		-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)		0.85 (0.574)	0.85 (0.574)	0.94 (0.635)

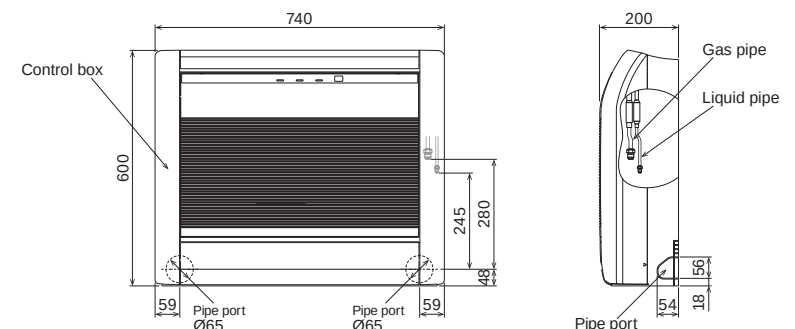
Optional parts

* For information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRG	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRGZ1	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRGZ5		FG-AC-WIF1Z1	Silver Ion Filter:	UTR-FA03-5
Wired remote controller:	UTY-RLRG		UTY-TFSXJ3	External Connect Kit:	UTY-XWZXZ5
Simple remote controller (without operation mode):	UTY-RHRG	Half Connect Kit:	UTR-STA		
Simple remote controller:	UTY-RSRG	Communication Kit:	UTY-TWRXZ3		

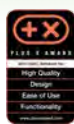
Dimensions

(Unit: mm)



SPLIT

Ceiling



reddot winner 2020



(30/36/45/54)



Light Elegant Design

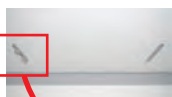
The light-elegant, gently curved surface gives a sense of comfort and well-being.



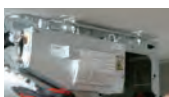
Easy Installation

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

1. Set mounting brackets



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



3. Attach with screws



Easy Maintenance

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



The drain pan can be removed for cleaning.



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



Flexible Installation

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



Link Up with a Variety of Central Control System (Option)

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



Central Control System

Model: ABHG18KRTA / ABHG22KRTA / ABHG24KRTA / ABHG30KRTA / ABHG36KRTA / ABHG45KRTA
ABHG36KRTA [3-phase] / ABHG45KRTA [3-phase] / ABHG54KRTA [3-phase]



ABHG18/22KRTA



ABHG24/30KRTA



ABHG36/45/54KRTA



For ABHG18/22KRTA



For ABHG24KRTA



For ABHG30/36KRTA



For ABHG45/54KRTA

Specifications

Model name	Indoor unit			ABHG18KRTA	ABHG22KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG36KRTA	ABHG45KRTA	ABHG54KRTA
	Outdoor unit			AOHG18KBTB	AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG36KRTA	AOHG45KRTA	AOHG54KRTA
Power Source				Single phase, ~230 V, 50 Hz						3-phase, ~400 V, 50 Hz		
Capacity	Cooling	Rated	kW	5.2	6.0	6.8	8.5	9.5	12.1	9.5	12.1	13.4
		Min.-Max.		0.9-5.9	0.9-6.7	0.9-8.0	2.8-10.0	2.8-11.2	4.0-13.5	2.8-11.2	4.0-13.5	4.5-14.5
	Heating	Rated		6.0	7.0	7.5	10.0	10.8	13.5	10.8	13.5	15.5
		Min.-Max.		0.9-7.5	0.9-8.0	0.9-9.1	2.7-11.2	2.7-12.7	4.2-16.2	2.7-12.7	4.2-16.2	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	12.1/9.2	9.5/8.7	12.1/9.2	13.4/9.5
SEER	Cooling		W/W	6.2	6.1	6.2	6.1	6.37	6.24	6.37	6.24	5.88
SCOP	Heating (Average)			4.1	4.0	4.1	4.0	4.21	4.05	4.21	4.05	3.95
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	-	A++	-	-
	Heating (Average)			A+	A+	A+	A+	A+	-	A+	-	-
ηc			%	-	-	-	-	-	246.8	-	246.8	232.2
ηh				-	-	-	-	-	158.9	-	158.9	155.0
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	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	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
	Outdoor (Cooling/Heating)	High	m³/h	62/62	63/63	65/66	68/69	70/70	71/71	70/70	71/71	73/73
	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
Airflow Rate	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	24	24	31	31	38	38	38	38	38
	Outdoor		kg	36	38	42	52	52	67	53	67	67
Connection Pipe Diameter (Liquid/Gas)				mm	6.35/12.7	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Hose Diameter (I.D./O.D.)					25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)				m	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max. Height Difference					20	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	-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 information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

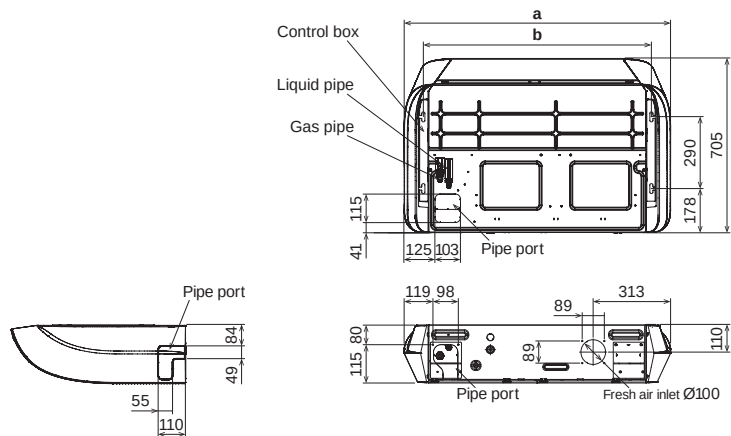
Wired Remote Controller (Design type): UTY-RVRG
Compact wired remote controller: UTY-RCRGZ1
Wired remote controller (touch panel): UTY-RNRGZ5
Wired remote controller: UTY-RLRG
Simple remote controller (without operation mode): UTY-RHRG
Simple remote controller: UTY-RSRG
External input and output PCB: UTY-XCSX
External input and output PCB box: UTZ-GXEA

WLAN adapter: UTY-TFSXZ1
UTY-TFSXJ3
FG-AC-WiFi21
Drain pump unit: UTR-DPB24T
IR receiver unit: UTY-LBTGH
L-type Piping Kit: UTP-FX24A (18/22/24)
UTP-FX35A (30/36/45/54)
Communication Kit: UTY-TWRXZ3

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

Dimensions

(Unit: mm)



	ABHG 18/22KRTA	ABHG 24/30KRTA	ABHG 36/45/54 KRTA
a	1,080	1,390	1,700
b	923	1,233	1,543

SPLIT



Wall-Mounted Specifications



Designer series High-Spec & Design (WLAN adapter Internal Models)



Model name	Indoor unit			ASHG07KGTf	ASHG09KGTf	ASHG12KGTf	ASHG14KGTf
	Outdoor unit			AOHG07KGCB	AOHG09KGCB	AOHG12KGCB	AOHG14KGCB
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9-3.2	0.9-3.4	0.9-4.1	0.9-4.5
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9-5.2	0.9-5.4	0.9-6.1	0.9-6.4
Input Power	Cooling/Heating		kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling		W/W	5.00	4.50	4.22	3.57
COP	Heating			5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating (-10°C)		kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling		W/W	8.10	8.90	8.70	7.90
SCOP	Heating (Average)			5.30	5.20	5.20	4.50
Energy Efficiency Class	Cooling			A++	A+++	A+++	A++
	Heating (Average)			A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating		A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling		kWh/a	86	98	137	186
	Heating			606	645	673	1,242
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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		m³/h	650/1,610	700/1,610	700/1,680
	Indoor/Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580	
Net Dimensions H x W x D	Indoor		mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10	10
	Outdoor		kg	30	30	31	32
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52			
Drain Hose Diameter (I.D./O.D.)				13.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)			m	20 (15)			
Max. Height Difference				15			
Operating Range	Cooling		°CDB	-10 to 46			
	Heating			-15 to 24			
Refrigerant	Type (Global Warming Potential)		kg (CO2eq-T)	R32 (675)			
	Charge			0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Designer series High Spec & Design (WLAN adapter Option Models)

Model name	Indoor unit			ASHG07KGTE	ASHG09KGTE	ASHG12KGTE	ASHG14KGTE
	Outdoor unit			AOHG07KGCA	AOHG09KGCA	AOHG12KGCA	AOHG14KGCA
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9-3.2	0.9-3.4	0.9-4.1	0.9-4.5
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9-5.2	0.9-5.4	0.9-6.1	0.9-6.4
Input Power	Cooling/Heating		kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling		W/W	5.00	4.50	4.22	3.57
COP	Heating			5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating (-10°C)		kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling		W/W	9.10	9.20	9.20	8.30
SCOP	Heating (Average)			5.30	5.20	5.20	4.50
Energy Efficiency Class	Cooling			A+++	A+++	A+++	A++
	Heating (Average)			A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating		A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling		kWh/a	77	95	129	177
	Heating			607	645	672	1,242
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/19	40/34/29/19	40/35/30/19	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		m³/h	650/1,610	700/1,610	700/1,680
	Indoor/Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580	
Net Dimensions H x W x D	Indoor		mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10	10
	Outdoor		kg	30	30	31	32
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52			
Drain Hose Diameter (I.D./O.D.)				13.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)			m	20 (15)			
Max. Height Difference				15			
Operating Range	Cooling		°CDB	-10 to 46			
	Heating			-15 to 24			
Refrigerant	Type (Global Warming Potential)		kg (CO2eq-T)	R32 (675)			
	Charge			0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Designer series High Spec & Design (WLAN adapter Option Models)



Model name	Indoor unit			ASHH07KJCA ASHH07KJCA-B	ASHH09KJCA ASHH09KJCA-B	ASHH12KJCA ASHH12KJCA-B	ASHH14KJCA ASHH14KJCA-B
	Outdoor unit			AOHH07KJCA	AOHH09KJCA	AOHH12KJCA	AOHH14KJCA
Power Source				Single phase, 230V, ~50Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min-Max		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.3
	Heating	Rated		2.5	2.8	4.0	5.2
		Min-Max		0.9-3.6	0.9-4.5	0.9-5.4	0.9-5.9
Input Power	Cooling/Heating		kW	0.400 / 0.500	0.550 / 0.600	0.870 / 0.950	1.260 / 1.400
EER	Cooling		W/W	5.00	4.55	3.91	3.33
COP	Heating			5.00	4.67	4.21	3.71
Pdesign	Cooling/Heating(-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		W/W	9.60	9.20	8.70	7.90
SCOP	Heating (Average)			5.10	5.10	5.10	4.60
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	7.0 / 9.0
Annual Energy Consumption	Cooling		kWh/a	73	95	137	186
	Heating			631	658	685	1,216
Moisture Removal			l/h	1.0	1.0	1.5	1.6
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 31 / 24 / 19	38 / 31 / 24 / 19	41 / 34 / 25 / 20	45 / 35 / 25 / 20
	Indoor (Heating)	H/M/L/Q		38 / 31 / 24 / 20	38 / 31 / 24 / 20	41 / 34 / 25 / 21	44 / 35 / 25 / 21
Sound Power Level	Outdoor(Cooling/Heating)	High		42 / 42	44 / 44	47 / 47	47 / 52
	Indoor(Cooling/Heating)	High		51 / 52	52 / 52	56 / 56	59 / 59
	Outdoor(Cooling/Heating)	High		55 / 54	56 / 55	58 / 59	59 / 63
	Indoor / Outdoor (Cooling)	High		540 / 1,390	580 / 1,480	630 / 1,690	720 / 1,690
Airflow Rate	Indoor / Outdoor (Heating)	High	m³/h	580 / 1,350	580 / 1,420	630 / 1,690	720 / 1,860
Net Dimensions H x W x D	Indoor		mm	270 × 798 × 240	270 × 798 × 240	270 × 798 × 240	270 × 798 × 240
	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10.5	10.5
	Outdoor		kg	30	30	31	31
Connection Pipe Diameter (Liquid / Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling		°CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50
	Heating			-20 to 24	-20 to 24	-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		kg(CO2eq-T)	0.72 (0.486)	0.72 (0.486)	0.87 (0.587)	0.87 (0.587)

Designer series

Cool Beauty Design



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

Standard series

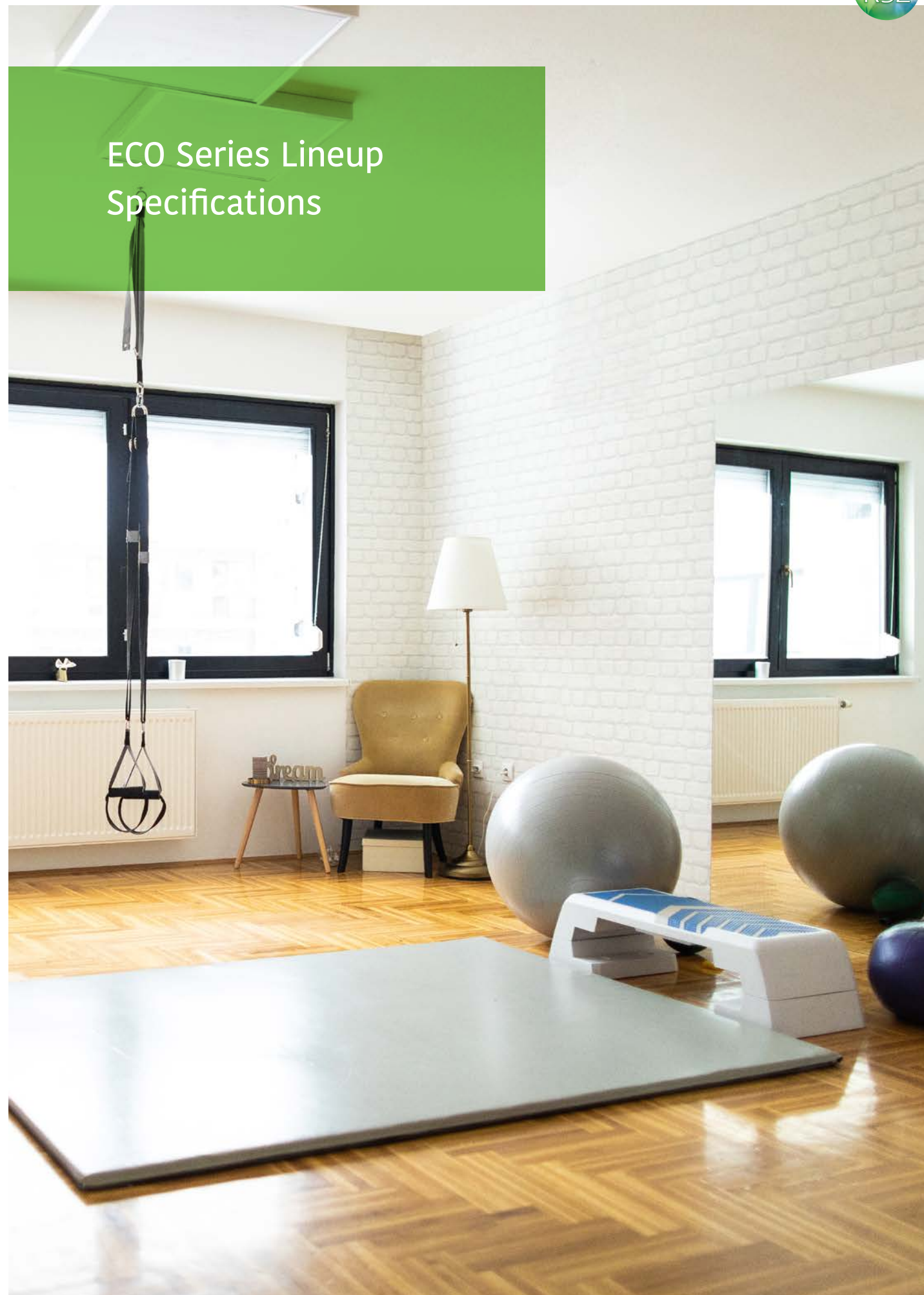
High-Efficiency & Comfort



Model name	Indoor unit	WLAN Adapter Internal Models		ASHG07KMCF	ASHG09KMCF	ASHG12KMCF	ASHG14KMCF
		WLAN Adapter Option Models		ASHG07KMCE	ASHG09KMCE	ASHG12KMCE	ASHG14KMCE
	Outdoor unit			AOHG07KMCC	AOHG09KMCC	AOHG12KMCC	AOHG14KMCC
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.4
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9-3.4	0.9-4.0	0.9-5.3	0.9-6.0
Input Power	Cooling/Heating		kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling		W/W	4.43	3.97	3.65	3.44
COP	Heating		W/W	4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)		kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling		W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		W/W	4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling			A++	A++	A++	A++
	Heating (Average)			A+	A+	A+	A+
Max. Operating Current	Cooling/Heating		A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling		kWh/a	95	118	163	213
	Heating			785	819	795	1367
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/20	40/34/29/20	40/35/30/20	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	dB(A)	54/56	55/57	55/58	57/59
	Outdoor (Cooling/Heating)	High		61/61	61/62	65/65	65/66
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	650/1,650	700/1,650	700/1,700	770/1,680
	Indoor/Outdoor (Heating)	High		720/1,450	750/1,450	780/1,470	820/1,580
Net Dimensions	Indoor	mm		270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
H x W x D	Outdoor	mm		541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
Weight	Indoor	kg		10	10	10	10
	Outdoor	kg		22	22	24	31
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)				13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling	°CDB		-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)		0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

ECO Series Lineup

Specifications



SPLIT



Compact Cassette



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Model name	Indoor unit			AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA	
	Outdoor unit			AOHG09KATA	AOHG12KATA	AOHG14KATA	AOHG18KATA	AOHG22KATA	AOHG24KATA	
Power Source				Single phase, ~230 V, 50 Hz						
Capacity	Cooling	Rated	kW	2.5	3.5	4.3	5.2		6.8	
		Min.-Max.		0.9-2.7	0.9-3.7	0.9-4.5	0.9-5.4	0.9-6.3	0.9-7.4	
	Heating	Rated		3.2	4.1	5.0	6.0		7.0	7.5
		Min.-Max.		0.9-3.9	0.9-4.4	0.9-5.3	0.9-6.3	0.9-7.4	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++	A+	
	Heating			A+	A+	A+	A	A	A	
Max. Operating Current	Cooling/Heating		kWh/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			141	201	247	298	344	403	
	Heating		804	979	1,120	1,362	1,578	1,988		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30	
	Indoor (Heating)	H/M/L/Q		34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33	
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	
Sound Power Level	Outdoor (Cooling/Heating)	High	m³/h	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	
H x W x D	Outdoor		mm	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	
Weight	Indoor/Outdoor		kg	15/23	15/25	15/32	15/33	16/36	16/38	
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/12.70	
Max. Pipe Length (Pre-Charge)			m	15 (15)	15 (15)	20 (15)	20 (15)	25 (15)	25 (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		
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
Cassette Grille	Model name			UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	UTG-UFGF-W	
	Dimensions (H × W × D)		mm	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	49 × 620 × 620	
	Weight		kg	2.3	2.3	2.3	2.3	2.3	2.3	

Circular Cassette (Slim type)



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Model name	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	
	Outdoor unit		AOHG18KATA	AOHG22KATA	AOHG24KATA	
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	5.2	6.0	6.8	
		Min.-Max.	0.9-5.4	0.9-6.3	0.9-7.4	
	Heating	Rated	6.0	7.0	7.5	
		Min.-Max.	0.9-6.3	0.9-7.4	0.9-8.6	
Input Power	Cooling/Heating		kW	1.60/1.66	1.85/1.93	2.12/1.97
EER	Cooling		W/W	3.25	3.24	3.21
COP	Heating			3.61	3.63	3.81
Pdesign	Cooling/Heating (-10°C)		kW	5.2/3.8	6.0/4.4	6.8/5.4
SEER	Cooling		W/W	6.2	6.2	6.1
SCOP	Heating			4.1	4.1	4.0
Energy Efficiency Class	Cooling			A++	A++	A++
	Heating			A+	A+	A+
Max. Operating Current	Cooling/Heating		A	10.1/10.1	11.6/11.6	12.6/12.6
Annual Energy Consumption	Cooling		kWh/a	293	338	390
	Heating			1,297	1,502	1,887
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	33/32/31/28	33/32/31/28	35/33/32/29
	Indoor (Heating)	H/M/L/Q		33/32/31/28	33/32/31/28	35/33/32/29
Sound Power Level	Outdoor (Cooling/Heating)	High		51/52	52/53	54/55
	Indoor (Cooling/Heating)	High		47/47	49/49	49/49
Sound Power Level	Outdoor (Cooling/Heating)	High	m³/h	63/64	64/65	66/67
	Indoor/Outdoor (Cooling)	High		1,050/1,710	1,050/2,240	1,150/2,885
Airflow Rate	Indoor/Outdoor (Heating)	High		1,050/1,840	1,050/2,240	1,150/2,350
	Indoor			mm	246 × 840 × 840	246 × 840 × 840
H x W x D	Outdoor		mm	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290
Weight	Indoor/Outdoor		kg	23/33	23/36	24/38
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/12.70	6.35/12.70	6.35/12.70
Max. Pipe Length (Pre-Charge)			m	20 (15)	25 (15)	25 (20)
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)
Cassette Grille	Model name			UTG-UKGA-W: White wired remote controller (touch panel)		
				UTG-UKGC-W: White/UTG-UKGA-B*1: Black		
	Dimensions (H × W × D)		mm	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950
	Weight		kg	6.0	6.0	6.0

*1: IR Receiver Kit and Occupancy Sensor Kit cannot be connected.

Circular Cassette (Large type)



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Model name	Indoor unit			AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	
	Outdoor unit			AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG54KATA	AOHG36KQTA	AOHG45KQTA	AOHG54KQTA	
Power Source				Single phase, ~230 V, 50 Hz				3-phase, ~400 V, 50 Hz			
Capacity	Cooling	Rated	kW	8.5	9.5	12.1	13.4	9.5	12.1	13.4	
		Min.-Max.		2.8-9.6	2.8-10.6	4.0-12.6	4.5-13.8	2.8-10.6	4.0-12.6	4.5-13.8	
	Heating	Rated		10.0	10.8	13.5	13.7	10.8	13.5	13.7	
		Min.-Max.		2.7-10.8	2.7-12.5	4.2-15.0	4.7-16.0	2.7-12.5	4.2-15.0	4.7-16.0	
Input Power	Cooling/Heating		kW	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	3.32	3.10	2.80	2.75	3.10	2.80	2.75	
COP	Heating			3.79	4.19	3.58	3.19	4.19	3.58	3.19	
Pdesign	Cooling/Heating (-10°C)		kW	8.5/8.0	9.5/8.7	12.1/9.2	13.4/9.5	9.5/8.7	12.1/9.2	13.4/9.5	
SEER	Cooling		W/W	6.1	6.1	5.40	6.00	6.1	5.40	6.00	
SCOP	Heating			4.0	4.0	3.80	3.85	4.0	3.80	3.85	
Energy Efficiency Class	Cooling			A++	A++	-	-	A++	-	-	
	Heating			A+	A+	-	-	A+	-	-	
nc				%	-	-	213.0	237.0	-	213.0	237.0
nh				-	-	149.0	151.0	-	149.0	151.0	
Max. Operating Current	Cooling/Heating		A	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	488	545	-	-	545	-	-	
	Heating			2,794	3,044	-	-	3,044	-	-	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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		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		53/55	55/55	58/59	58/61	55/55	60/60	61/61	
	Indoor (Cooling/Heating)	High		54/54	58/58	60/60	61/61	58/58	-/-	-/-	
Sound Power Level	Outdoor (Cooling/Heating)	High	m³/h	68/69	70/70	72/73	74/75	70/70	72/73	74/75	
	Indoor/Outdoor (Cooling)	High		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		1,600/3,750	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	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840
H x W x D	Outdoor		mm	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	
Weight	Indoor/Outdoor		kg	26/52	29/52	29/61	29/63	29/53	29/62	29/63	
Connection Pipe Diameter (Liquid/Gas)				mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Max. Pipe Length (Pre-Charge)				m	30 (30)	30 (30)	30 (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	
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24		
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
Cassette Grille	Model name			UTG-UKGA-W: White wired remote controller (touch panel) UTG-UKGC-W: White/UTG-UKGA-B*1: Black							
	Dimensions (H × W × D)		mm	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	53 × 950 × 950	
	Weight		kg	6.0	6.0	6.0	6.0	6.0	6.0	6.0	

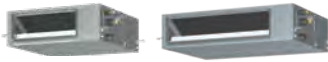
SPLIT



Medium Static Pressure Duct (High-Efficiency & Comfort)



For more information and the latest updates, click here



Model name	Indoor unit			ARXH12KMTAP	ARXH14KMTAP	ARXH18KMTAP	ARXH22KMTAP	ARXH24KMTAP
	Outdoor unit			AOHG12KATA	AOHG14KATA	AOHG18KATA	AOHG22KATA	AOHG24KATA
Power Source				Single phase, ~230 V, 50 Hz				
Capacity	Cooling	Rated	kW	3.5	4.3	5.2	6.0	6.8
		Min.-Max.		0.9-3.7	0.9-4.5	0.9-5.4	0.9-6.3	0.9-7.4
	Heating	Rated		4.1	5.0	6.0	7.0	7.5
		Min.-Max.		0.9-4.4	0.9-5.3	0.9-6.3	0.9-7.4	0.9-8.6
Input Power	Cooling/Heating		kW	1.060 / 1.170	1.340 / 1.420	1.730 / 1.820	1.85 / 1.97	2.06 / 1.97
EER	Cooling		W/W	3.30	3.21	3.00	3.24	3.30
COP	Heating		W/W	3.50	3.52	3.30	3.55	3.81
Pdesign	Cooling/Heating (-10°C)		kW	3.5 / 2.8	4.3 / 3.2	5.2 / 3.8	6.0 / 4.4	6.8 / 5.4
SEER	Cooling		W/W	6.00	5.80	5.90	6.00	6.00
SCOP	Heating (Average)			3.90	3.90	3.90	3.90	3.90
Energy Efficiency Class	Cooling			A+	A+	A+	A+	A+
	Heating (Average)			A	A	A	A	A
Max. Operating Current	Cooling/Heating		A	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	212	267	316	358	405
	Heating			1,005	1,148	1,363	1,578	1,936
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	29 / 27 / 25 / 23	32 / 29 / 27 / 25	33 / 30 / 28 / 26	32 / 28 / 25 / 24	34 / 30 / 28 / 26
	Indoor (Heating)	H/M/L/Q		29 / 27 / 25 / 23	32 / 29 / 27 / 25	33 / 30 / 28 / 26	32 / 28 / 25 / 24	34 / 30 / 28 / 26
Sound Power Level	Outdoor (Cooling/Heating)	High		49 / 50	50 / 51	51 / 52	52 / 53	54 / 55
	Indoor (Cooling/Heating)	High		58 / 58	59 / 59	60 / 60	58 / 58	60 / 60
Airflow Rate	Outdoor (Cooling/Heating)	High	m³/h	62 / 62	63 / 63	63 / 64	64 / 65	66 / 67
	Indoor/Outdoor (Cooling)	High		650 / 1,630	800 / 1,670	840 / 1,710	1,150 / 2,240	1,230 / 2,885
	Indoor/Outdoor (Heating)	High	650 / 1,410	800 / 1,580	840 / 1,840	1,150 / 2,240	1,230 / 2,350	
Static pressure range (Standard)			Pa	30 to 150 (40)	30 to 150 (40)	30 to 150 (40)	30 to 150 (40)	30 to 150 (50)
Net Dimensions H x W x D	Indoor		mm	240 × 700 × 700	240 × 700 × 700	240 × 700 × 700	240 × 1,000 × 700	240 × 1,000 × 700
	Outdoor		mm	541 × 663 × 290	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290
Weight	Indoor/Outdoor		kg	24/25	24/32	24/33	31/36	31/38
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.70	6.35 / 12.70
Max. Pipe Length (Pre-Charge)			m	15 (15)	20 (15)	20 (15)	25 (15)	25 (20)
Operating Range	Cooling		°CDB	-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
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)

Medium Static Pressure Duct (High-Efficiency & Comfort)



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Model name	Indoor unit			ARXH30KMTAP	ARXH36KMTAP	ARXH45KMTAP	ARXH36KMTAP	ARXH45KMTAP
	Outdoor unit			AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA
Power Source				Single phase, ~230 V, 50 Hz			3-phase, ~400 V, 50 Hz	
Capacity	Cooling	Rated	kW	8.5	9.5	12.1	9.5	12.1
		Min.-Max.		2.8-9.6	2.8-10.6	4.0-12.6	2.8-10.6	4.0-12.6
	Heating	Rated		10.0	10.8	13.5	10.8	13.5
		Min.-Max.		2.7-10.8	2.7-12.5	4.2-15.0	2.7-12.5	4.2-15.0
Input Power	Cooling/Heating		kW	2.69 / 2.63	3.13 / 2.88	4.84 / 4.18	3.13 / 2.88	4.84 / 4.18
EER	Cooling		W/W	3.16	3.04	2.50	3.04	2.50
COP	Heating			3.80	3.75	3.23	3.75	3.23
Pdesign	Cooling/Heating (-10°C)		kW	8.5 / 8.0	9.5 / 8.7	12.1 / 9.2	9.5 / 8.7	12.1 / 9.2
SEER	Cooling		W/W	5.80	5.60	4.90	5.60	4.90
SCOP	Heating (Average)			3.90	3.90	3.80	3.90	3.80
Energy Efficiency Class	Cooling			A+	A+	-	A+	-
	Heating (Average)			A	A	-	A	-
ηc			%	-	-	193.0	-	193.0
ηh				-	-	149.0	-	149.0
Max. Operating Current	Cooling/Heating		A	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	520	601	-	601	-
	Heating			2,867	3,118	-	3,118	-
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38 / 34 / 31 / 28	38 / 34 / 31 / 28	40 / 36 / 32 / 29	38 / 34 / 31 / 28	40 / 36 / 32 / 29
	Indoor (Heating)	H/M/L/Q		38 / 34 / 31 / 28	38 / 34 / 31 / 28	40 / 36 / 32 / 29	38 / 34 / 31 / 28	40 / 36 / 32 / 29
Sound Power Level	Outdoor (Cooling/Heating)	High		53 / 55	55 / 55	58 / 59	55 / 55	58 / 59
	Indoor (Cooling/Heating)	High		64 / 64	65 / 65	67 / 67	65 / 65	67 / 67
Airflow Rate	Outdoor (Cooling/Heating)	High	m³/h	68 / 69	70 / 70	72 / 73	70 / 70	72 / 73
	Indoor/Outdoor (Cooling)	High		1,950 / 3,750	2,070 / 3,750	2,160 / 4,450	2,070 / 3,750	2,160 / 4,450
Static pressure range (Standard)	Indoor/Outdoor (Heating)		High	1,950 / 3,750	2,070 / 3,750	2,160 / 4,450	2,070 / 3,750	2,160 / 4,450
Net Dimensions			Pa	30 to 150 (50)	30 to 150 (50)	30 to 150 (60)	30 to 150 (50)	30 to 150 (60)
H x W x D	Indoor		mm	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700	240 × 1,400 × 700
	Outdoor		mm	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320
Weight	Indoor/Outdoor		kg	42/52	42/52	42/61	42/53	42/62
Connection Pipe Diameter (Liquid/Gas)			mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Max. Pipe Length (Pre-Charge)			m	30 (30)	30 (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
	Heating			-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)

Medium Static Pressure Duct (Standard)



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Model name	Indoor unit			ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit			AOHG22KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA
Power Source				Single phase, ~230 V, 50 Hz					3-phase, ~400 V, 50 Hz	
Capacity	Cooling	Rated	kW	6.0	6.8	8.5	9.5	12.1	9.5	12.1
		Min.-Max.		0.9-6.3	0.9-7.4	2.8-9.6	2.8-10.6	4.0-12.6	2.8-10.6	4.0-12.6
	Heating	Rated		7.0	7.5	10.0	10.8	13.5	10.8	13.5
		Min.-Max.		0.9-7.4	0.9-8.6	2.7-10.8	2.7-12.5	4.2-15.0	2.7-12.5	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		W/W	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	12.1/9.2	9.5/8.7	12.1/9.2
SEER	Cooling		W/W	5.8	5.9	5.8	5.6	4.85	5.6	4.85
SCOP	Heating		W/W	3.8	3.9	3.9	3.9	3.55	3.9	3.55
Energy Efficiency Class	Cooling			A+	A+	A+	A+	-	A+	-
	Heating			A	A	A	A	-	A	-
ηc				%	-	-	-	-	191.0	191.0
ηh					-	-	-	-	139.0	139.0
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	-
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	m³/h	64/65	66/67	68/69	70/70	72/73	70/70	72/73
	Indoor/Outdoor (Cooling)	High		1,100/2,240	1,100/2,885	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 (47)	30 - 150 (60)
Net Dimensions	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
H x W x D	Outdoor		mm	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320
Weight	Indoor/Outdoor		kg	35/36	35/38	38/52	38/52	39/61	38/53	39/62
Connection Pipe Diameter (Liquid/Gas)				mm	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Max. Pipe Length (Pre-Charge)				m	25 (15)	25 (20)	30 (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
	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)

Ceiling



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Model name	Indoor unit			ABHG18KRTA	ABHG22KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG36KRTA	ABHG45KRTA	
	Outdoor unit			AOHG18KATA	AOHG22KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA	
Power Source				Single phase, ~230 V, 50 Hz						3-phase, ~400 V, 50 Hz		
Capacity	Cooling	Rated	kW	5.2	6.0	6.8	8.5	9.5	12.1	9.5	12.1	
		Min.-Max.		0.9-5.4	0.9-6.3	0.9-7.4	2.8-9.6	2.8-10.6	4.0-12.6	2.8-10.6	4.0-12.6	
	Heating	Rated		6.0	7.0	7.5	10.0	10.8	13.5	10.8	13.5	
		Min.-Max.		0.9-6.3	0.9-7.4	0.9-8.6	2.7-10.8	2.7-12.5	4.2-15.0	2.7-12.5	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	12.1/9.2	9.5/8.7	12.1/9.2	
SEER	Cooling		W/W	5.8	5.6	6.0	5.8	5.6	5.20	5.6	5.20	
SCOP	Heating			3.8	3.8	3.9	3.9	3.9	3.80	3.9	3.80	
Energy Efficiency Class	Cooling			A+	A+	A+	A+	A+	-	A+	-	
	Heating			A	A	A	A	A	-	A	-	
ηc				%	-	-	-	-	-	205.0	-	205.0
ηh					-	-	-	-	-	149.0	-	149.0
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	-	
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	45/41/39/34	
	Indoor (Heating)	H/M/L/Q		38/36/33/31	42/37/34/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	51/52	52/53	54/55	53/55	55/55	58/59	55/55	58/59	
	Indoor (Cooling/Heating)	High		53/53	57/57	56/56	60/60	59/59	60/60	59/59	60/60	
	Outdoor (Cooling/Heating)	High		63/64	64/65	66/67	68/69	70/70	72/73	70/70	72/73	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m3/h	840/1,710	900/2,240	1,230/2,885	1,400/3,750	1,850/3,750	1,900/4,450	1,850/3,750	1,900/4,450	
	Indoor/Outdoor (Heating)	High		840/1,840	900/2,240	1,230/2,350	1,400/3,750	1,800/3,750	1,850/4,450	1,800/3,750	1,850/4,450	
Net Dimensions	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	
H × W × D	Outdoor		mm	542 × 799 × 290	632 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	988 × 940 × 320	788 × 940 × 320	988 × 940 × 320	
Weight	Indoor/Outdoor		kg	24/33	24/36	31/38	31/52	38/52	38/61	38/53	38/62	
Connection Pipe Diameter (Liquid/Gas)			mm	6.35/12.7	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Max. Pipe Length (Pre-Charge)			m	20 (15)	25 (15)	25 (20)	30 (30)	30 (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	
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	

Feature Summary

Type		Wall-Mounted						Wall-Mounted			
Series		Designer Range			Standard Range		Standard Range		ECO Range		
											
Model name		ASHH07/09/12/14KGTG, ASHG07/09/12/14KGTG, ASHG07/09/12/14KGTE	ASHH07/09/12/14KJCAL, ASHH07/09/12/14KJCALB, ASHH07/09/12/14KJCA, ASHH07/09/12/14KJCA-B	ASHG07/09/12/14KETF, ASHG07/09/12/14KETF-B, ASHG07/09/12/14KETE, ASHG07/09/12/14KETE-B	ASHH07/09/12/14KMCG, ASHH07/09/12/14KMCG-B, ASHG07/09/12/14KMCF, ASHG07/09/12/14KMCE	ASHG18/24KMTE	ASHH30/36KMTB	ASHH07/09/12KNCA	ASHG07/09/12KPCE	ASHG18/24KLCA	ASHH07/09/12KLTA
											
Energy-Saving Features	 Save Occupancy sensor	●	●				●				
	 Occupancy sensor control										
	 Economy operation	●	●	●	●	●	●	●	●	●	●
	 Setting temperature range limitation	○	●	○	○	○	○	○	○	○	○
	 Set temperature auto return	○	○	○	○	○	○				
Features for Comfort	 Power diffuser										
	 Powerful operation	●	●	●	●	●	●	●	●	●	●
	 10°C Heat	●	●	●	●	●	●	●			
	 Outdoor unit low noise operation	●	●	●	●	●	●				
	 Auto changeover	●	●	●	●	●	●	●	●	●	●
	 UP/DOWN swing louver	●	●	●	●	●	●	●	●	●	●
	 Double swing automatic		●			●	●				
	 Automatic fan speed	●	●	●	●	●	●	●	●	●	●
	 Auto restart	●	●	●	●	●	●	●	●	●	●
	 Connectable fresh air duct										
	 Fresh air intake										
	 Connectable distributing duct										
	 Individual airflow direction control										
Convenience Features	 Auto-off timer	○	○	○	○	○	○				
	 Sleep timer	●	●	●	●	●	●	●	●	●	●
	 Program timer	●	●	●	●	●	●	●	●	●	●
	 Weekly timer	●	●	●	●*3 (KMCG,KMCF) ○ (KMCE)	●	●	●*3	○		○
	 Weekly & Temperature setback timer	○	○	○	○	○	○				
	 Filter sign	●	●	●	●	●	●	●	●	●	●
	 External error output	○	○	○	○	○	○				
	 External ON/OFF input	○	○	○	○	○	○				
	 Wireless LAN control	● (KGTG, KGTG) ○ (KGTE)	● (KJCAL, KJCALB) ○ (KJCA, KJCA-B)	● (KETG, KETG-B) ○ (KETE, KETE-B)	● (KMCF, KMCG,KMCG-B) ○ (KMCE)	○	○	●	○		○
	 Multi system control						○				
	 Special cooling						●*2				
Clean Features	 Individual auto		●								
	 Ion deodorization filter	●	●	●	●	●	●				
	 Apple-catechin filter	●	●	●	●	●	●				
	 Long-life filter										
	 Washable panel	●	●	●	●	●	●	●	●	●	●
	 Silver Ion Filter	○	○	○	○	○	○	○	○	○	○
Installation / Support	 Heat Clean		●								
	 Automatic airflow adjustment										
	 Drain pump as standard										
	 Blue fin		●				●	●			●
Refrigerant cycle monitor		○ (KGTG)	○		○ (KMCG,KMCG-B)		○				

*1 For details of Multi System Control function, refer to C-013. *2 Wired remote controller (UTY-RNRGZ5) is required to use Special Cooling function.

*3: It is only available on the AIRSTAGE Mobile application. It can not be used via wireless remote controller.

○: Optional function

Feature Summary

Type	Cassette		Duct			Duct				Floor	Ceiling
Series	Compact 4-way Flow Series	Circular Flow Series	Slim (With drain pump)	Medium Static Pressure (High-Efficiency & Comfort)	Medium Static Pressure (Compact size)	Medium Static Pressure (Standard)	High Static Pressure	Big			
											
Model name	AUXG 09/12/14/18/22/24 KVLA	AUXG 18/22/24/30/36/45/54 KRLB	ARXG 09/12/14/18 KLLAP	ARXH 12/14/18/22/24/ 30/36/45/54 KMTAP	ARXG 12/14/18/22/ 24/30/36/45/54 KHTAP	ARXG22KMLB ARXG24/30/36/45KMLA	ARXG45/54KHTB	ARHG60LHTA	ARHG72/90LHTA	AGHG09/12/14KVCA	ABHG 18/22/24/30/36/45/54 KRTA
											
Energy-Saving Features	 Save Occupancy sensor										
	 Occupancy sensor control	○									
	 Economy operation	●	●	○	●	●	●	●	●	●	●
	 Setting temperature range limitation	○	○	○	●	○	○	○	●	○	●
	 Set temperature auto return	●	●	●	○	●	○	○	●	○	●
Features for Comfort	 Power diffuser										
	 Powerful operation									●	
	 10°C Heat	●	○	○	○	○	○	○	○	●	○
	 Outdoor unit low noise operation		○ (45/54)		○ (45/54)	○ (45) (36LMLA)		○	○	●	○
	 Auto changeover	●	●	●	●	●	●	●	●	●	●
	 UP/DOWN swing louver	●	●	○						●	●
	 Double swing automatic										
	 Automatic fan speed	●	●	●	●	●	●	●	●	●	●
	 Auto restart	●	●	●	●	●	●	●	●	●	●
	 Connectable fresh air duct		●	●	●	●					●
	 Fresh air intake	○	○	○	○	○	○	○	○		○
	 Connectable distributing duct		●			●					
	 Individual airflow direction control		●								
Convenience Features	 Auto-off timer	●	●	●	●	●	●	○	●	○	●
	 Sleep timer	●	○	○	○	○	○	○	○	●	○
	 Program timer	●	○	○	●	○	○	○	○	●	○
	 Weekly timer	●	●	●	○	●	●		●	●	●
	 Weekly & Temperature setback timer	○		●		●	●	●			
	 Filter sign	●	●	●	●	●	●	●	●	●	●
	 External error output		○		●	○	○		○	○	○
	 External ON/OFF input	●	●	●	●	●	●	○	●	○	●
	 Wireless LAN control	○	○	○	○	○	○	○	○	○	○
	 Multi system control										
	 Special cooling										
	 Individual auto										
	 Ion deodorization filter									●	
Clean Features	 Apple-catechin filter									●	
	 Long-life filter			○	○	○	○	○	○		
	 Washable panel										
	 Silver Ion Filter	○	○	○	○	○	○		○	○	
	 Heat Clean										
Installation / Support	 Automatic airflow adjustment			●	●				●		
	 Drain pump as standard	●	●	●	●	○			○		○
	 Blue fin		● (30/36/45/54)	● (30/36/45/54)	● (30/36/45/54)	● (30/36/45)	●	●	●		● (30/36/45/54)
	Refrigerant cycle monitor			○							

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○: Optional function