














































Indoor Units Lineup



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

Type	Series	Refrigerant	Model	Class														
				7	9	12	14	18	22	24	30	36	45	54	60	72	90	
Wall-mounted type Built in W-LAN adapter model	Designer Series High Spec & Design		 	ASYG07KGTF	ASYG09KGTF	ASYG12KGTF	ASYG14KGTF											
	Designer Series Cool Beauty Design		  	ASYG07KETF ASYG07KETF-B	ASYG09KETF ASYG09KETF-B	ASYG12KETF ASYG12KETF-B	ASYG14KETF ASYG14KETF-B											
	Standard Series High-Efficiency & Comfort		 	ASYG07KMCF	ASYG09KMCF	ASYG12KMCF	ASYG14KMCF											
Wall-mounted type	Standard Series High-Efficiency & Large Rooms							ASYG18KMTE		ASYG24KMTE								
	Standard Series High-Efficiency & Large Rooms		 								ASYH30KMTB	ASYH36KMTB						
	ECO Series Compact Size			ASYG07KPCE	ASYG09KPCE	ASYG12KPCE												
	ECO Series Comfort for Large Rooms							ASYG18KLCA		ASYG24KLCA								
	Designer Series High Spec & Design			ASYG07KGTE	ASYG09KGTE	ASYG12KGTE	ASYG14KGTE											
	Designer Series Cool Beauty Design		 	ASYG07KETE ASYG07KETE-B	ASYG09KETE ASYG09KETE-B	ASYG12KETE ASYG12KETE-B	ASYG14KETE ASYG14KETE-B											
	Standard Series High-Efficiency & Comfort			ASYG07KMCE	ASYG09KMCE	ASYG12KMCE	ASYG14KMCE											
Cassette	Compact 4-way Flow Series Compact Size				AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA								
	Circular Flow Series Comfort for Large Rooms		 18/22/24  30/36/45/54					AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB				
Duct	Slim Duct		 09/12/14  18		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP										
	Medium Static Pressure Duct Compact Size		 12/14  18/22/24/30  36/45/54			ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP				
	Medium Static Pressure Duct Standard								ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA					
	High Static Pressure Duct													ARXG45KHTB	ARXG54KHTB			
																ARYG60LHTA		
Big Duct																ARYG72LHTA	ARYG90LHTA	
Floor Compact & Comfort					AGYG09KVCA	AGYG12KVCA	AGYG14KVCA											
Ceiling			 18/22  24/30  36/45/54					ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG54KRTA				

# Features

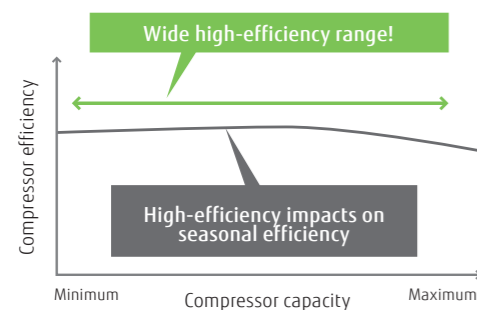
## High-Efficiency

### ALL DC All DC Inverter Technology



#### DC twin-rotary compressor

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



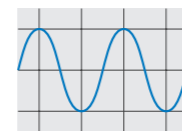
#### DC fan motor

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



#### Sine-wave DC inverter control

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



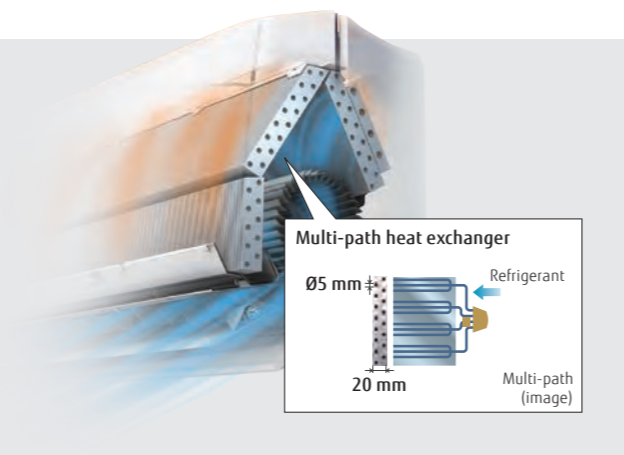
### Heat Exchanger for Wall-mounted type

#### High-density multipath heat exchanger

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

#### High-performance sub-cool heat exchanger

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

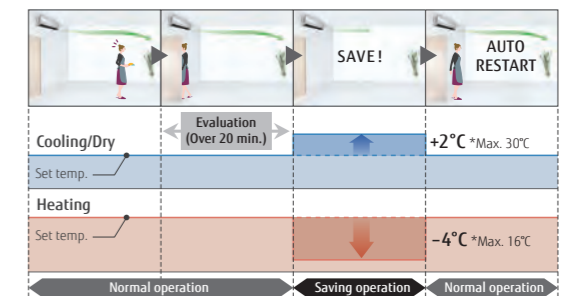


## High Energy Saving



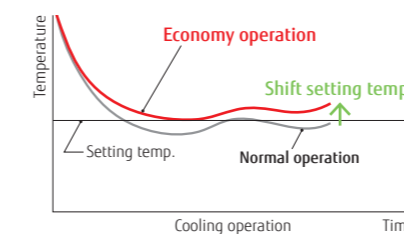
### Occupancy sensor control

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



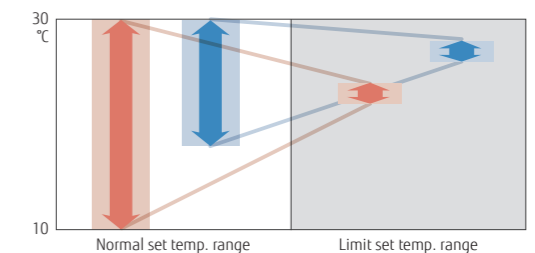
### Economy operation

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



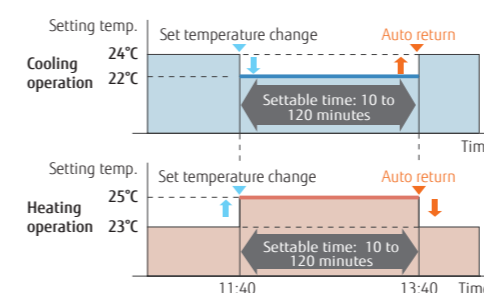
### Setting temperature range limitation

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



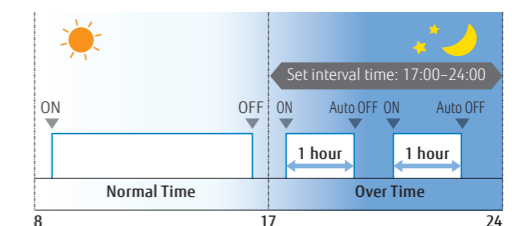
### Set temperature auto return

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



### Auto-off timer

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

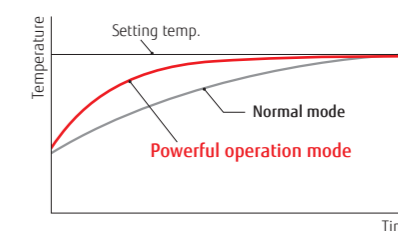


## More Comfort



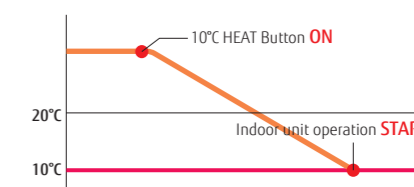
### Powerful operation

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



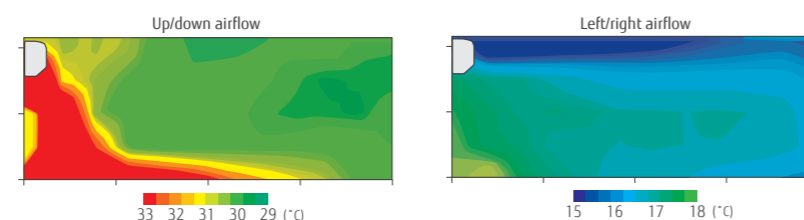
### 10°C heat

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



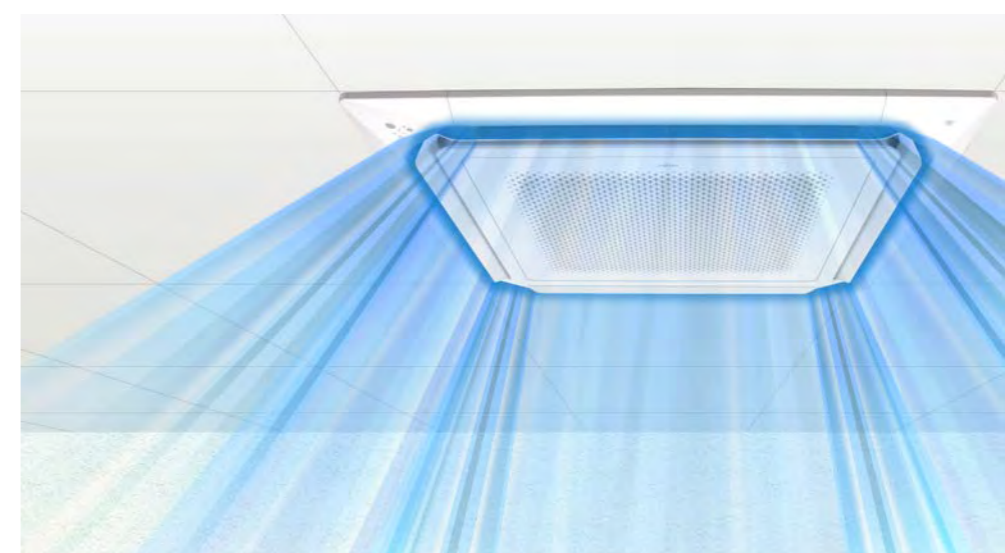
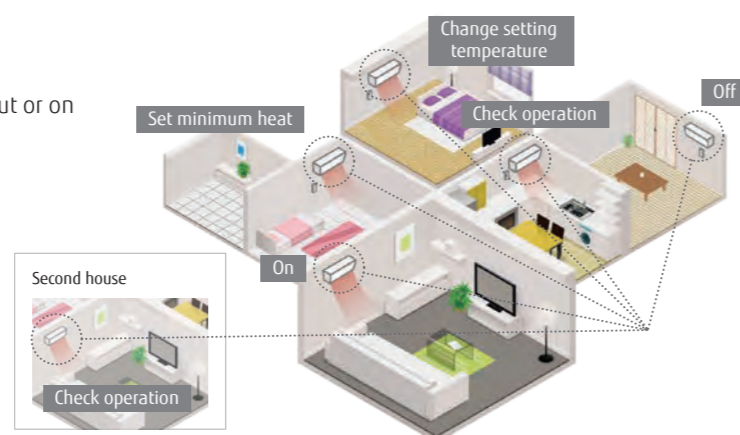
### Power diffuser

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



### Wireless LAN control

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



### Uniform air conditioning

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



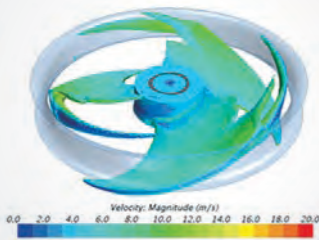
# Quiet and Comfort Control



## Low Noise Technology

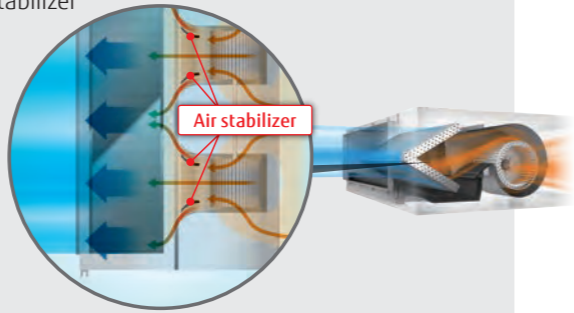
### Outdoor unit fan

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



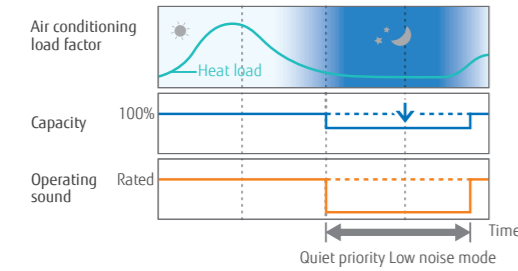
### Air stabilizer in Duct

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



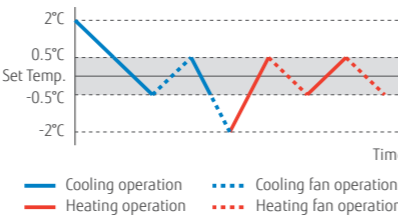
### Outdoor unit low noise operation

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



### Auto changeover

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



### Fresh air intake for Cassette, Duct, Ceiling

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



## Feature Explanation

### Energy-Saving Features

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

### Features for Comfort

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

### Convenience Features

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

### Clean Features

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

### Installation / Support

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



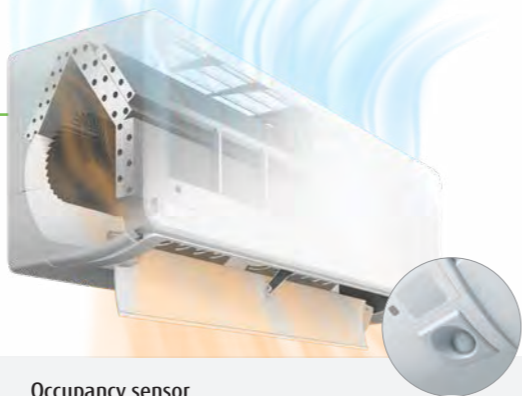
Wall-mounted type

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



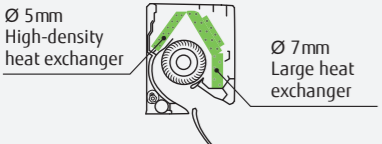
High energy saving

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



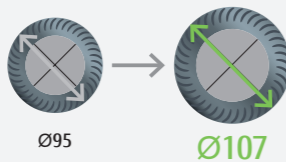
Hybrid-heat exchanger

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



Ø107 Large cross-flow fan

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



Occupancy sensor

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



Comfortable airflow & Quiet operation

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



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

Smart device control

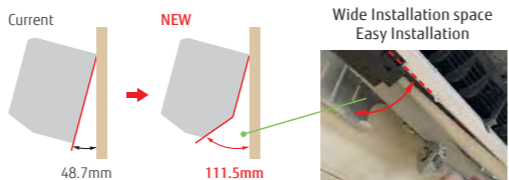
With the WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.

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



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: ASYG07KGTF / ASYG09KGTF / ASYG12KGTF / ASYG14KGTF



WLAN adapter (Built-in)



Wireless RC



Specifications

Model name	Indoor unit		ASYG07KGTF	ASYG09KGTF	ASYG12KGTF	ASYG14KGTF
	Outdoor unit		AOYG07KGCB	AOYG09KGCB	AOYG12KGCB	AOYG14KGCB
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.1)	4.2 (0.9-4.5)
	Heating		2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	5.4 (0.9-6.4)
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling	W/W	5.00	4.50	4.22	3.57
COP	Heating		5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	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	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
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	46/48	50/50	50/50
	Indoor (Cooling/Heating)	High	54/56	55/57	56/58	57/59
Airflow Rate	Outdoor (Cooling/Heating)	High	61/62	61/63	65/66	65/66
	Indoor/Outdoor (Cooling)	High	650/1,610	700/1,610	700/1,680	770/1,680
Net Dimensions H x W x D	Indoor/Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580
	Indoor	mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
Weight	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
	Indoor	kg (lbs)	10 (22)	10 (22)	10 (22)	10 (22)
Connection Pipe Diameter (Liquid/Gas)	Indoor	kg (lbs)	30 (66)	30 (66)	31 (68)	32 (71)
	Outdoor	kg (lbs)	30 (66)	30 (66)	31 (68)	32 (71)
Connection Pipe Diameter (Liquid/Gas)			6.35/9.52			
Drain Hose Diameter (I.D./O.D.)			13.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)			20 (15)			
Max. Height Difference			15			
Operating Range	Cooling	°CDB	-10 to 46			
	Heating		-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg (CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Wall-mounted type

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



Cool beauty design

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



CMF: COLOR MATERIAL FINISH

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

High energy saving

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

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

SEER  
**7.4**<sup>\*1</sup>

SCOP  
**4.4**<sup>\*2</sup>

\*1: 07/09 models

\*2: 12 model

Hybrid-heat exchanger

Ø 5mm High-density heat exchanger

Ø 7mm Large heat exchanger

Ø107 Large cross-flow fan

Ø107

Comfortable airflow & Quiet operation

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

**20 dB(A)**  
Cooling only

Smart device control

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

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

**AIRSTAGE Mobile**

WLAN adapter (USB)

Model: ASYG07KETF / ASYG09KETF / ASYG12KETF / ASYG14KETF (Peal white X White)  
ASYG07KETF-B / ASYG09KETF-B / ASYG12KETF-B / ASYG14KETF-B (Silver X Dark gray)

Peal white X White

Silver X Dark gray

WLAN adapter (Built-in)

Wireless RC

For ASYG07/09/12KETF ASYG07/09/12KETF-B

For ASYG14KETF ASYG14KETF-B

Specifications

Model name	Indoor unit		ASYG07KETF ASYG07KETF-B	ASYG09KETF ASYG09KETF-B	ASYG12KETF ASYG12KETF-B	ASYG14KETF ASYG14KETF-B
	Outdoor unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
	Heating		2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating		785	819	795	1,367
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
	Outdoor (Cooling/Heating)	High	46/46	46/46	50/50	50/50
Sound Power Level	Indoor (Cooling/Heating)	High	54/56	55/57	55/58	57/59
	Outdoor (Cooling/Heating)	High	61/61	61/62	65/65	65/66
Airflow Rate	Indoor/Outdoor (Cooling)	High	650/1,650	700/1,650	700/1,700	770/1,680
	Indoor/Outdoor (Heating)	High	720/1,450	750/1,450	770/1,470	800/1,580
Net Dimensions H x W x D	Indoor	mm	295 × 950 (wall side: 840) × 230			
Weight	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
	Indoor	kg (lbs)	11 (24)	11 (24)	11 (24)	11.5 (25)
	Outdoor	kg (lbs)	23 (51)	23 (51)	25 (55)	31 (68)
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)			13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

Optional parts

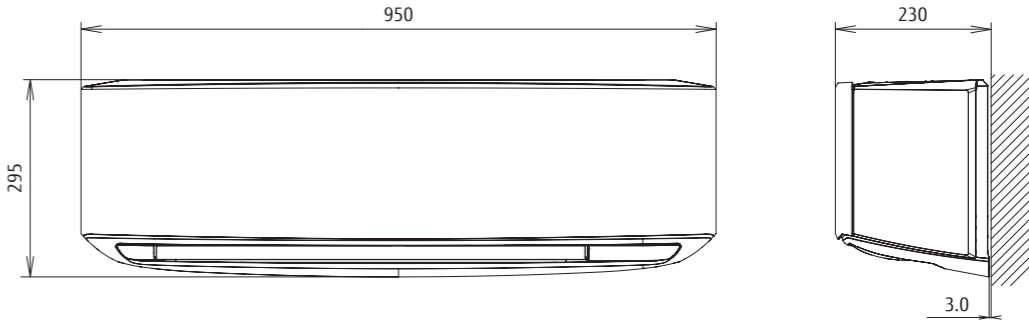
\* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB*1:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZX	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RHRY		UTY-XWZXZ5		
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX		

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

Dimensions

(Unit: mm)



NEW

# Wall-mounted type

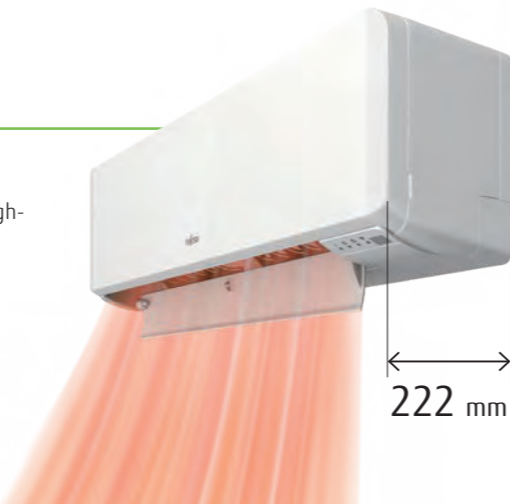
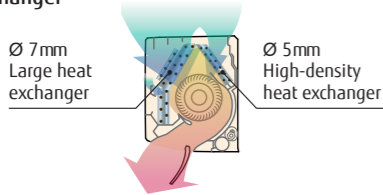
Built-in W-LAN adapter model  
Standard Series  
High-Efficiency & Comfort



## Slim & stylish square design

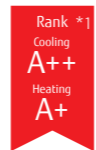
The slim and stylish square design of this indoor unit is realized by using a high-density, multipath heat exchanger and a high-efficiency wind blower.

### Hybrid-heat exchanger



## High energy saving

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



SEER 7.4 \*1

SCOP 4.4 \*2

\*1: 07/09 models

\*2: 12 model

## Comfortable airflow & Quiet operation

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



20 dB(A)  
Cooling only

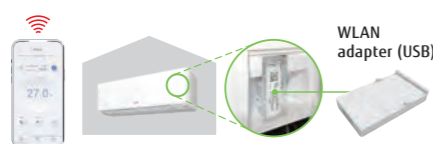
## Smart device control

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

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

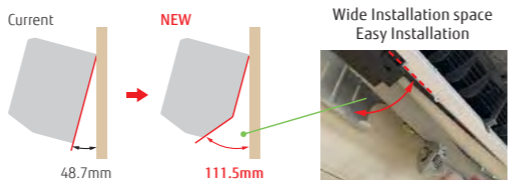
You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

AIRSTAGE  
Mobile



## Easy access to the flare pipe connection

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



Model: ASYG07KMCF / ASYG09KMCF / ASYG12KMCF / ASYG14KMCF



WLAN adapter  
(Built-in)



Wireless RC



For ASYG07/09/12KMCF



For ASYG14KMCF

## Specifications

Model name	Indoor unit		ASYG07KMCF	ASYG09KMCF	ASYG12KMCF	ASYG14KMCF
	Outdoor unit		AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213
	Heating		785	819	795	1,366
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)		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	720/1,450	750/1,450	780/1,470	820/1,580
Net Dimensions H x W x D	Indoor	mm	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
	Indoor	kg (lbs)	10 (22)	10 (22)	10 (22)	10 (22)
Weight	Outdoor	kg (lbs)	22 (49)	22 (49)	24 (53)	31 (68)
	Connection Pipe Diameter (Liquid/Gas)		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)		mm	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

## Optional parts

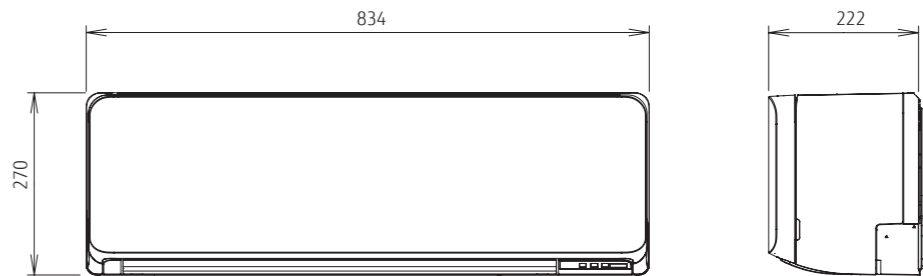
\* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB*1:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZX	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RHRY		UTY-XWZXZ5		
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX		

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

## Dimensions

(Unit: mm)



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



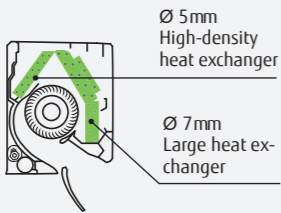
High energy saving

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



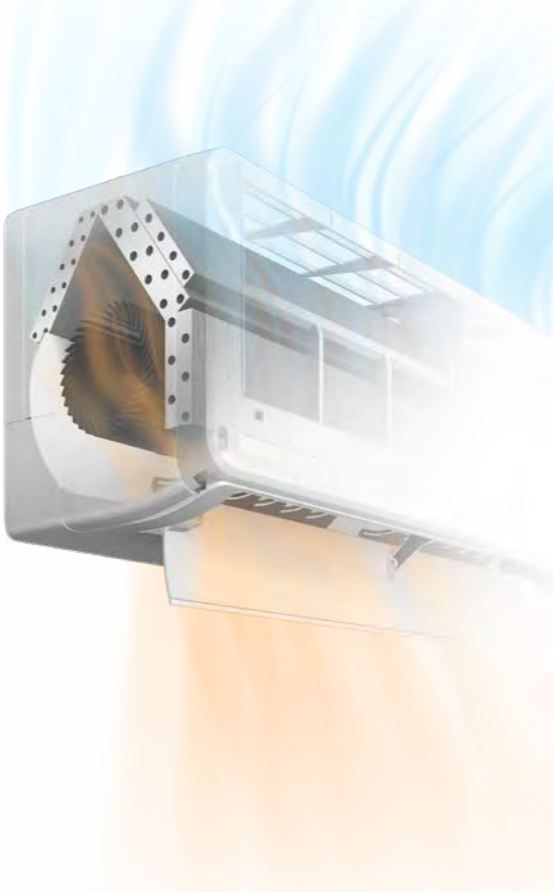
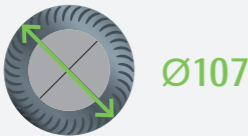
Hybrid-heat exchanger

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



Ø107 Large cross-flow fan

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



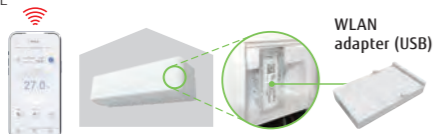
Smart device control (Option)

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

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

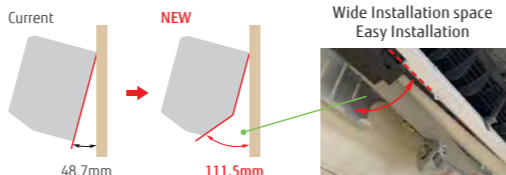
You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

AIRSTAGE  
Mobile



Easy access to the flare pipe connection

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



Model: ASYG18KMTE / ASYG24KMTE



Wireless RC



For ASYG18KMTE



For ASYG24KMTE

Specifications

Model name	Indoor unit		ASYG18KMTE		ASYG24KMTE	
	Outdoor unit		AOYG18KMTA		AOYG24KMTA	
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	5.2 (0.9-6.0)		7.1 (0.9-8.3)	
	Heating		6.3 (0.9-8.7)		8.0 (0.9-10.1)	
Input Power	Cooling/Heating	kW	1.39/1.56		2.08/1.91	
EER	Cooling	W/W	3.74		3.41	
COP	Heating		4.04		4.19	
Pdesign	Cooling/Heating (-10°C)	kW	5.2/4.8		7.1/7.1	
SEER	Cooling	W/W	7.77		7.30	
SCOP	Heating (Average)		4.60		4.20	
Energy Efficiency Class	Cooling	A++		A++		
	Heating (Average)	A++		A+		
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/16.0	
Annual Energy Consumption	Cooling	kWh/a	234		340	
	Heating		1,460		2,362	
Moisture Removal		l/h	1.7		2.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/40/35/29		49/40/35/29	
	Indoor (Heating)	H/M/L/Q	46/40/35/29		49/40/35/29	
Sound Power Level	Outdoor (Cooling/Heating)	High	50/50		54/52	
	Indoor (Cooling/Heating)	High	60/61		65/65	
	Outdoor (Cooling/Heating)	High	65/65		67/66	
	Indoor/Outdoor (Cooling)	High	980/2,350		1,170/3,240	
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h		1,170/2,820	
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 (lbs)	12.5 (28)		12.5 (28)	
	Outdoor	kg (lbs)	36 (79)		42 (93)	
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/12.70		6.35/12.70	
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)		m	25 (15)		30 (15)	
Max. Height Difference			20		25	
Operating Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)	
	Charge	kg (CO2eq-T)	1.02 (0.689)		1.32 (0.891)	

Optional parts

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

Compact wired remote controller: UTY-RCRYZ1  
Wired remote controller (touch panel): UTY-RNRYZ5  
Wired remote controller: UTY-RLRY  
Simple remote controller (without operation mode): UTY-RHRY  
Simple remote controller: UTY-RSRY

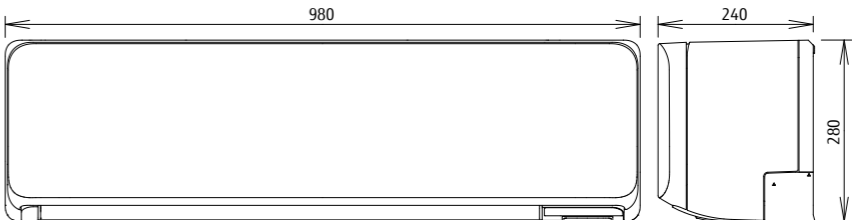
Communication kit: UTY-TWRXZ2  
External input and output PCB\*: UTY-XCSXZ2  
WLAN adapter: UTY-TFSXF2  
UTY-TFSXH3  
FG-AC-WIF1Z1

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-XWZXZ5

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

Dimensions

(Unit: mm)



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



Special Cooling

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

- \*Wired remote controller (UTY-RNRYZ5) 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

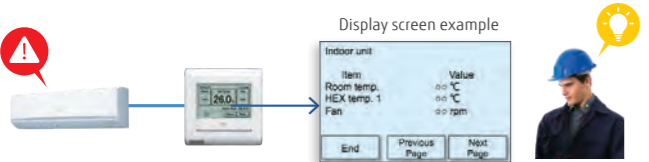
The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



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-RNRYZ5) is required.



Smart device control (Option)

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

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



Model: ASYH30KMTB / ASYH36KMTB



Wireless RC



Specifications

Model name	Indoor unit		ASYH30KMTB		ASYH36KMTB		
	Outdoor unit		AOYH30KMTB		AOYH36KMTB		
Power Source			Single phase, ~230V, 50Hz				
Capacity	Cooling	kW	8.0 (2.9-9.0)		9.4(2.9-10.0)		
	Heating		8.8(2.2-11.8)		10.1(2.7-12.6)		
Input Power	Cooling/Heating	kW	2.33/2.20		3.16/2.73		
EER	Cooling	W/W	3.43		2.97		
COP	Heating		4.00		3.70		
Pdesign	Cooling/Heating (-10°C)	kW	8.0/6.5		9.4/7.1		
SEER	Cooling	W/W	6.68		6.10		
SCOP	Heating (Average)		4.50		4.50		
Energy Efficiency Class	Cooling	A++		A++			
	Heating (Average)		A+		A+		
Max. Operating Current	Cooling/Heating	A	21.0/21.0		21.5/21.5		
Annual Energy Consumption	Cooling	kWh/a	419		534		
	Heating		1,994		2,189		
Moisture Removal		l/h	2.6		3.8		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	50/44/40/33		50/44/40/33		
	Indoor (Heating)	H/M/L/Q	49/44/39/33		49/44/39/33		
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	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 H x W x D	Indoor	mm	340 × 1,150 × 280		340 × 1,150 × 280		
Weight	Outdoor	mm	788 × 940 × 320		788 × 940 × 320		
	Indoor	kg (lbs)	18.5(41)		18.5(41)		
	Outdoor	kg (lbs)	52.0(115)		52.0(115)		
Connection Pipe Diameter (Liquid/Gas)		mm	9.52/15.88		9.52/15.88		
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7		
Max. Pipe Length (Pre-Charge)		m	50(30)		50(30)		
Max. Height Difference			30		30		
Operating Range	Cooling	°CDB	-15to46		-15to46		
	Heating		-15to24		-15to24		
Refrigerant	Type (Global Warming Potential)		R32(675)		R32(675)		
	Charge	kg (CO2eq-T)	1.90(1.283)		1.90(1.283)		

Optional parts

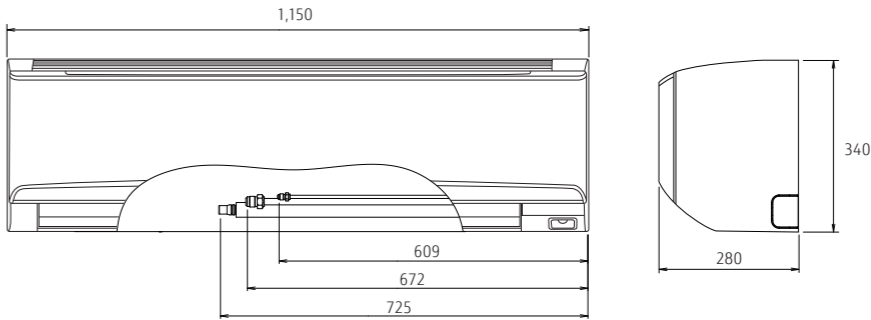
\* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-048.

Compact wired remote controller:	UTY-RCRYZ1	External connect kit:	UTY-XWZX25	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB*1:	UTY-XCSX22	Network Converter for single split (AC power supply type):	UTR-VTGXV
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXF2	Silver Ion Filter:	UTR-FA13-3
Simple remote controller (without operation mode):	UTY-RHRY		UTY-TFSXH3	External switch controller:	UTY-TERX
Simple remote controller:	UTY-RSRY		FG-AC-WIF1Z1	Communication kit:	UTY-TWRXZ2

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

Dimensions

(Unit: mm)



Wall-mounted  
type  
ECO Series  
Compact Size



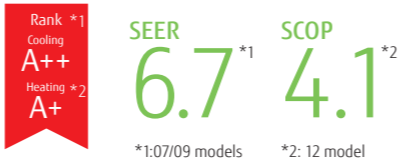
Slim & stylish square design

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



High energy saving

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



Comfortable airflow & Quiet operation

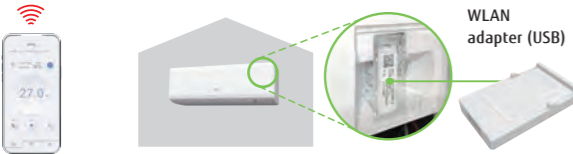
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



Smart device control (Option)

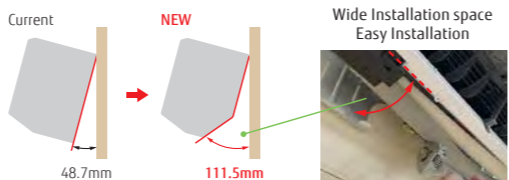
With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.

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



Easy access to the flare pipe connection

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



Model: ASYG07KPCE / ASYG09KPCE / ASYG12KPCE



Specifications

Model name	Indoor unit		ASYG07KPCE	ASYG09KPCE	ASYG12KPCE
	Outdoor unit		AOYG07KPCA	AOYG09KPCA	AOYG12KPCA
Power Source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.7)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating	kW	0.48/0.63	0.71/0.79	1.00/1.14
EER	Cooling	W/W	4.17	3.52	3.40
COP	Heating		3.97	3.54	3.33
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.2	2.5/2.4	3.4/2.5
SEER	Cooling	W/W	6.70	6.70	6.30
SCOP	Heating (Average)		4.00	4.00	4.10
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	104	131	189
	Heating		769	840	853
Moisture Removal		l/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/38/31/22	45/38/31/22	46/40/33/22
	Indoor (Heating)	H/M/L/Q	45/40/36/26	45/40/36/26	46/40/35/27
Sound Power Level	Outdoor (Cooling/Heating)	High	45/46	47/47	49/51
	Indoor (Cooling/Heating)	High	57/58	58/58	59/59
Airflow Rate	Outdoor (Cooling/Heating)	High	57/58	59/59	62/62
	Indoor/Outdoor (Cooling)	High	580/1,650	580/1,650	630/1,700
	Indoor/Outdoor (Heating)	High	580/1,450	580/1,450	630/1,470
Net Dimensions	Indoor	mm	270 × 784 × 224	270 × 784 × 224	270 × 784 × 224
H × W × D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor	kg (lbs)	8 (18)	8 (18)	8 (18)
	Outdoor	kg (lbs)	23 (51)	23 (51)	25 (55)
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain Hose Diameter (I.D./O.D.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8
Max. Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.55 (0.371)	0.55 (0.371)	0.59 (0.398)

Optional parts

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

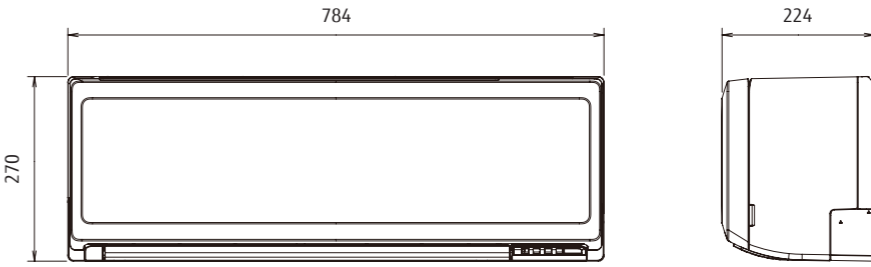
WLAN adapter: UTY-TFSXF2

UTY-TFSXH3

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)



Wall-mounted  
type  
ECO Series  
Comfort for Large Rooms



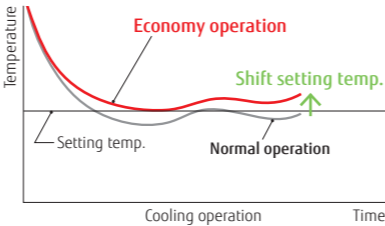
Narrow width & Compact design

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



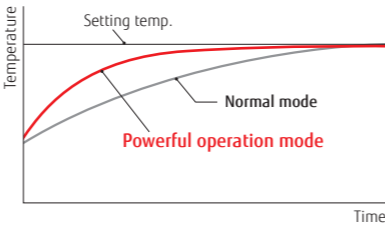
Economy operation

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



Powerful operation

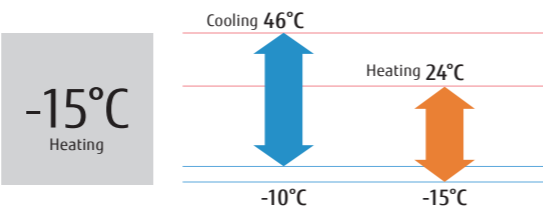
In powerful operation mode, the compressor operates at maximum speed for 20 minutes to provide a powerful airflow. Rapid cooling and heating makes the room comfortable quickly.



ON-OFF programmable timer

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

Low ambient operation



Model: ASYG18KLCA / ASYG24KLCA



Wireless RC



For ASYG18KLCA



For ASYG24KLCA

Specifications

Model name	Indoor unit		ASYG18KLCA		ASYG24KLCA	
	Outdoor unit		AOYG18KLCA		AOYG24KLCA	
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	5.2 (0.9-5.5)		7.1 (0.9-7.7)	
	Heating		6.3 (0.6-7.6)		8.0 (0.9-9.0)	
Input Power	Cooling/Heating	kW	1.685/1.80		2.42/2.225	
EER	Cooling	W/W	3.09		2.93	
COP	Heating		3.50		3.60	
Pdesign	Cooling/Heating (-10°C)	kW	5.20/4.80		7.10/7.10	
SEER	Cooling	W/W	7.20		7.10	
SCOP	Heating (Average)		4.30		4.00	
Energy Efficiency Class	Cooling	A++		A++		
	Heating (Average)	A+		A+		
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/17.5	
Annual Energy Consumption	Cooling	kWh/a	253		350	
	Heating		1563		2485	
Moisture Removal			l/h	1.9		3.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	47/44/40/35		51/45/38/33
	Indoor (Heating)	H/M/L/Q		50/45/41/37		52/45/41/37
Sound Power Level	Outdoor (Cooling/Heating)	High		50/56		55/57
	Indoor (Cooling/Heating)	High		60/65		64/65
	Outdoor (Cooling/Heating)	High		61/66		65/67
	Indoor/Outdoor (Cooling)	High		865/1,830		1,040/2,885
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h	995/2,265		1,040/3,030
Net Dimensions H × W × D	Indoor		mm	293 × 790 × 249		293 × 790 × 249
	Outdoor		mm	542 × 799 × 290		632 × 799 × 290
Weight	Indoor		kg (lbs)	9.5 (21)		10.0 (22)
	Outdoor		kg (lbs)	33 (73)		38 (84)
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52		6.35/12.70	
Drain Hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)		m	25 (15)		30 (15)	
Max. Height Difference			20		25	
Operating Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)	
	Charge	kg (CO2eq-T)	0.85 (0.574)		1.10 (0.743)	

Optional parts

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

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)

