

Feature Explanation

Energy Saving Function

- Save human sensor**
Human sensor detects the movement of people in the room and judges whether the energy saving operation.
- Save & Stop human sensor**
Human sensor detects the movement of people in the room and judges whether the energy saving or stop operation.
- Room temperature set point limitation**
The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.
- Set temperature auto return**
The setting temperature automatically returns to the previously set temperature.

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

Comfortable Function

- Powerful heating**
Keeping the rated heating capacity even when the outdoor ambient temperature is -7°C.
- Powerful mode**
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.
- Auto-changeover**
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- Automatic fan speed**
The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.
- Fresh air intake**
Fresh air can be taken in by a fan which can be connected using external control unit.
- Power diffuser**
An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.
- 10°C HEAT operation**
The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.
- Up/down swing flaps**
The up/down flaps automatically swing up and down.
- Auto restart**
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once power supply is restored.
- Connectable distributing duct**
Systems are capable of attaching Locally purchased branch ducts distributing the airflow.
- Server room operation**
Interlock operation is possible by connecting 2 indoor units even in the low temperature.
- Low noise mode**
Sound noise level of outdoor unit can be selected.
- Double swing automatic**
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.
- Connectable fresh air duct**
Outside air can be introduced by attaching Locally purchased duct to fresh air knockout and optional part.
- Individual airflow direction control**
Each louver of 4-way Cassette type can be controlled individually and provides comfortable airflow.

Convenient Function

- Auto off timer**
Automatically stops operation when a fixed time has elapsed from the start of operation.
- Weekly timer**
Different ON-OFF times can be set for each day.
- External error output**
- Sleep timer**
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- Weekly + setback timer**
Weekly + Setback timer can set temperature for two times spans and for each day of the week.
- External ON/OFF input**
- Program timer**
This digital timer allows selection of one of four options: ON, OFF, ON + OFF or OFF + ON.
- Filter sign**
Indicates the filter cleaning period by lamp.

Clean Function

- Ion deodorization filter**
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.
- Apple-catechin filter**
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.
- Washable panel**
Since the front panel is easy to remove, maintenance is also easy.

Installation

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

ALL DC All DC models

i-PAM i-PAM control models
i-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform.

V-PAM V-PAM control models
V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology.

Feature Summary

	Wall Mounted	Floor	Floor/Ceiling	Ceiling	Compact Cassette	Cassette	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct
Energy Saving Function									
Save human sensor	●	●							
Save & Stop human sensor								○	
Economy mode	●	●	●	●	●	●	●	●	●
Room temperature set point limitation	○	○	○	○	○	○	○	○	○
Set temperature auto return	○	○	○	○	○	○	○	○	○
Comfortable Function									
Powerful heating	●								
Power diffuser		●		●					
Powerful mode	●	●	●	●	●				
Server room operation				●					
10°C HEAT operation	●	●	●	●	●	●	●	○	○
Low Noise mode	●	●	●	●			○ (45/54) ○ (36/LRTA)	○ (45/54)	○ (45) ○ (36/LMLA)
Auto-changeover	●	●	●	●	●	●	●	●	●
Up/down swing flaps	●	●	●	●	●	●	●	○	
Double swing automatic				●	●	●			
Automatic fan speed	●	●	●	●	●	●	●	●	●
Auto restart	●	●	●	●	●	●	●	●	●
Connectable fresh air duct							●	○	●
Fresh air intake							○	○	○
Connectable distributing duct							●	●	●
Individual airflow direction control							●		
Convenient Function									
Auto off timer	○	○	○	○	○	○	○	○	○
Sleep timer	●	●	●	●	●	●	●	○	○
Program timer	●	●	●	●	●	●	●	○	○
Weekly timer	●	●	●					●	●
Weekly + setback timer	○	○	○	○	○	○	○	○	○
External error output	○	○	○	○	○	○	○	○	○
External ON/OFF input	○	○	○	○	○	○	○	○	○
Filter sign	●	●	●	●	●	●	●	●	●
Clean Function									
Ion deodorization filter	●	●	●	●	●	●			
Apple-catechin filter	●	●	●	●	●	●			
Washable panel		●	●	●	●	●			
Installation									
Automatic airflow adjustment									●
Drain pump as standard								●	●
Blue fin		●	●	●	●	●	● (30/36/45/54)	● (45/54)	● (30/36/45/54)

○: Optional function

Wall Mounted ECO Range Compact & Comfort



Model: ASYG07LLCC / ASYG09LLCC / ASYG12LLCC



Wireless R.C.

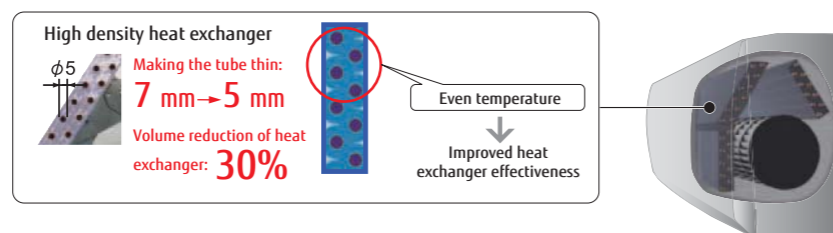


Specifications

Model No.	Indoor unit		ASYG07LLCC	ASYG09LLCC	ASYG12LLCC
	Outdoor unit		AOYG07LLCC	AOYG09LLCC	AOYG12LLCC
Power Source	Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.8)
	Heating	kW	2.7 (0.9-3.6)	3.0 (0.9-3.8)	4.0 (0.9-5.0)
Input Power	Cooling/Heating		0.470/0.620	0.730/0.740	1.080/1.130
EER	Cooling	W/W	4.26	3.42	3.15
	Heating	W/W	4.35	4.05	3.54
Pdesign	Cooling/Heating(-10°C)		2.0/2.2	2.5/2.3	3.4/3.2
SEER	Cooling	W/W	6.70	6.90	6.60
	Heating (Average)	W/W	4.00	4.00	3.80
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0
	Cooling	kWh/a	104	127	180
Annual Energy Consumption	Heating	kWh/a	770	805	1,179
	Moisture Removal	l/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22
	Indoor (Heating)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22
	Outdoor(Cooling/Heating)	High	47/48	47/48	50/51
Sound Power Level	Indoor(Cooling/Heating)	High	59/60	59/60	59/60
	Outdoor(Cooling/Heating)	High	61/61	61/61	65/65
	Airflow Rate	Indoor / Outdoor	High	720/1,670	720/1,670
Net Dimensions H x W x D	Indoor	mm	262*820*206	262*820*206	262*820*206
	Outdoor	kg(lbs)	7.0 (15)	7.0 (15)	7.0 (15)
Weight	Indoor	mm	535*663*293	535*663*293	535*663*293
	Outdoor	kg(lbs)	24 (53)	24 (53)	26 (57)
Connection Pipe Diameter (Liquid / Gas)	mm		6.35/9.52	6.35/9.52	6.35/9.52
Drain hose Diameter (I.D./O.D.)	mm		13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)	m		20 (15)	20 (15)	20 (15)
Max Height Difference	m		15	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	g	650	650	850

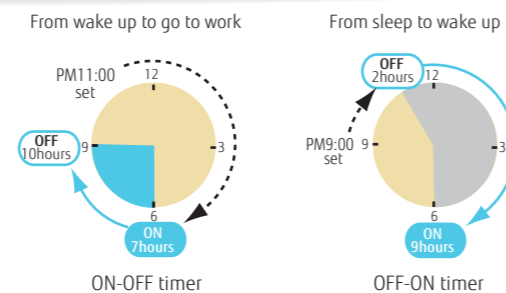
Features

High efficient compact design



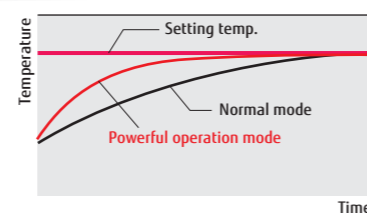
ON-OFF Programmable timer

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



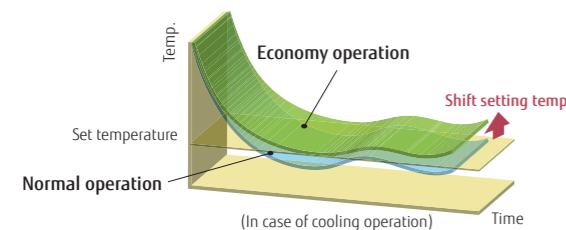
Powerful operation

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

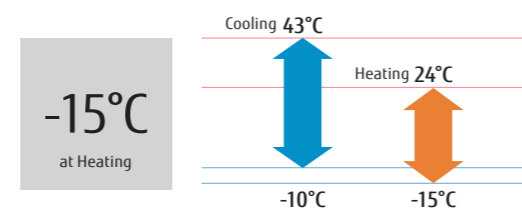


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Optional parts

Remote Controller Holder: UTZ-RXLA

Dimensions

(Unit : mm)

