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Distributed by :



The Intelligent Choice in Comfort

DC Inverter
Split type Air Conditioner



Photo : LT series

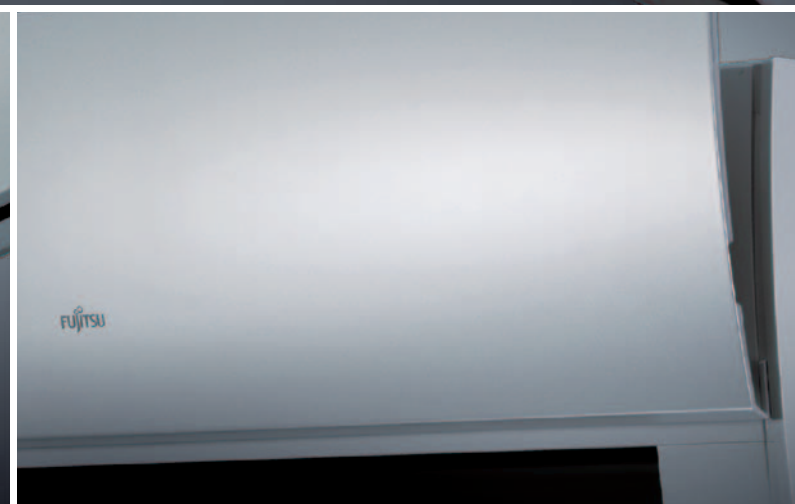
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New Partner for Living

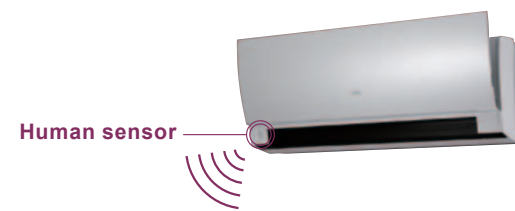


Thin & Slim Design with
High COP & Powerful Heating

Full flat design matches to various interior and
energy saving operation is realized by Human Sensor.*
Our advanced technology makes your life comfortable.

*LT series only

Energy Saving

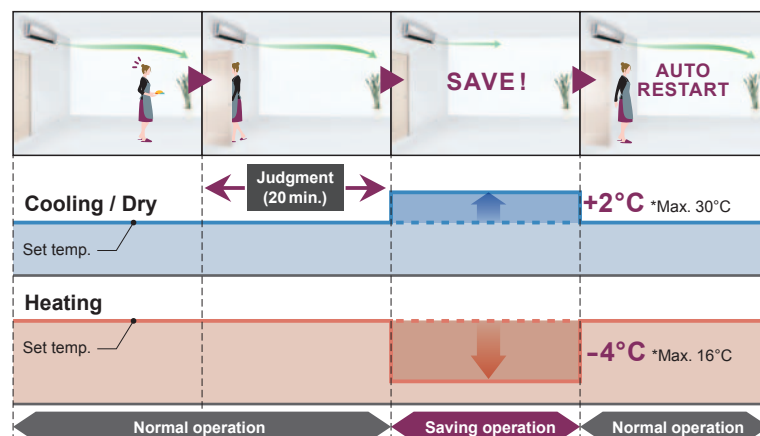


Energy saving operation by detecting movement

Human sensor control*

Even if people leave the room and forget to turn off the power, 20 minutes after the last person has left the room, the air conditioner will automatically switch to the saving operation. In saving operation, temperature is increased by 2°C when cooling and reduced by 4°C when heating. When someone comes back to the room, it returns to previous operating mode. This prevents wasteful operation to save energy without anyone even thinking about it.

*LT series only

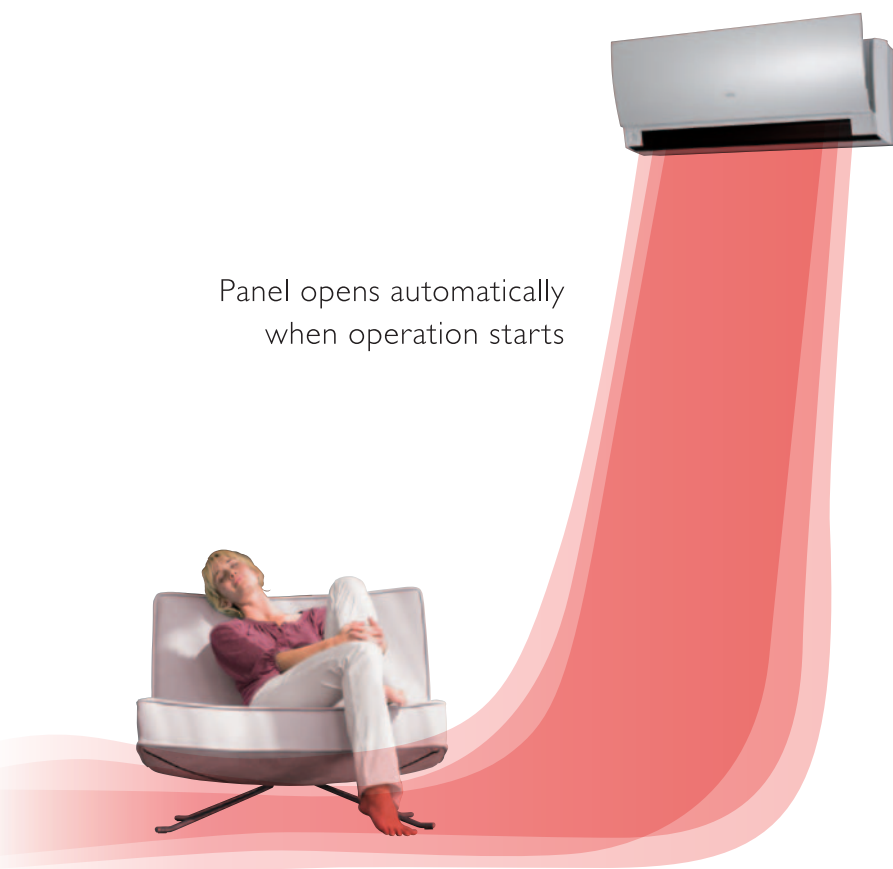


Human sensor's coverage



High Performance

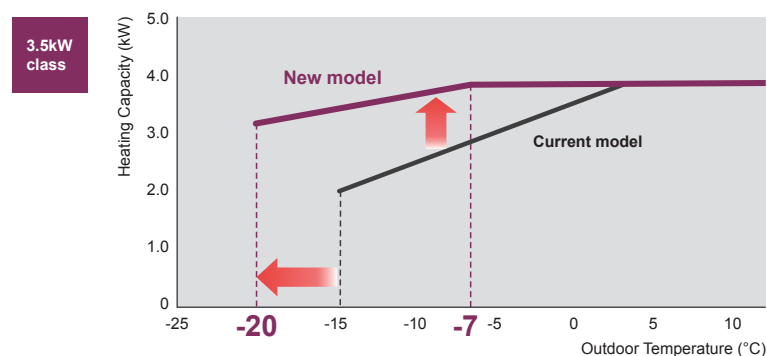
Panel opens automatically when operation starts



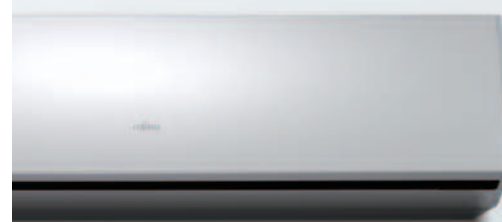
Powerful heating*

Heating capacity was improved at low outdoor temperature by adopting large heat exchanger and high capacity compressor. Rated heating capacity is maintained up to an outdoor temperature lower than -7°C . This new model can operate even at -20°C low outdoor temperature.

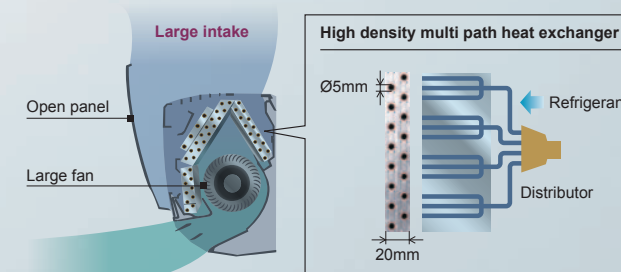
*LT series only



Our Advanced Technology



Indoor unit : Equipped with high density multi-path heat exchanger to increase the cooling and heating efficiency. The comfort is improved by adopting an open panel and large diameter long fan to take in a large airflow volume and blow a powerful airflow.



Outdoor unit : Adopts a large heat exchanger and DC twin rotary compressor* to more effectively utilize the high capacity. The operating noise is also reduced using an efficient airflow structure design.



DC twin rotary compressor

*ASYG12LT only

More Comfort & Friendly for Use



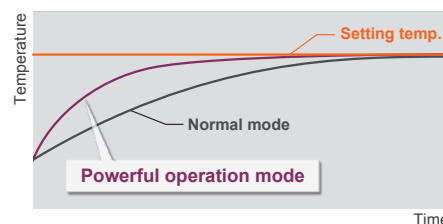
Quick comfort
pressing just one button

Powerful operation mode

Powerful operation is boosted with the maximum full power and strong airflow. Rapid cooling and heating makes the room comfortable quickly when people come back home.

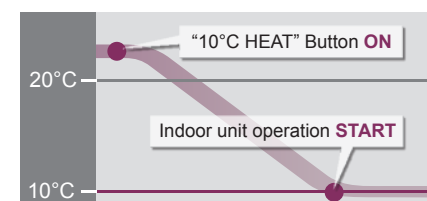
Caution

Powerful mode operates for 6 minutes or more, and stops automatically if reaching set temperature or 20 minutes pass.



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



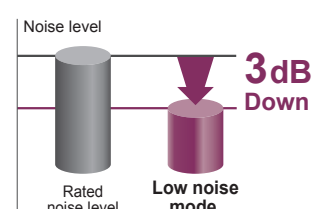
Caution

•When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.

•When "10°C HEAT" operation stops, the room set temperature quickly returns to the preset temperature.

Low noise mode for outdoor unit

Low noise mode of outdoor unit can be selected by wireless remote controller.



For LT series
(Real scale)



High-quality comfort function operated using a single button.
Remote controller with better design & more convenience

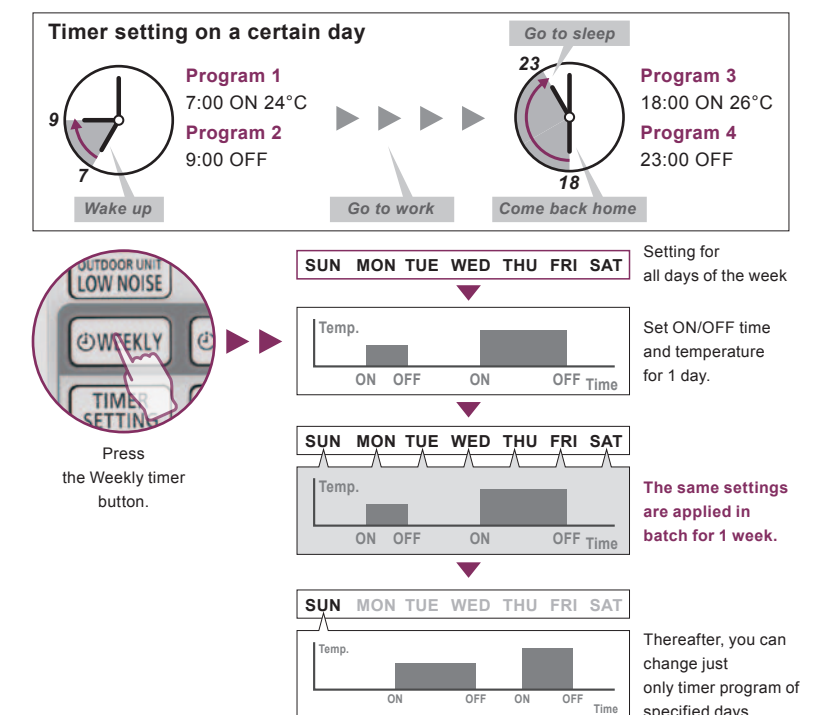
Slim & Smart design remote controller

This thinnest ever remote controller has an easy-to-view large LCD and a one-touch selection button in simple and easy-to-use layout to achieve a great operation feel for often used functions. Ease of use and design are improved.

3 mode timer

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, Program timer and Sleep timer can be also selected by one push.

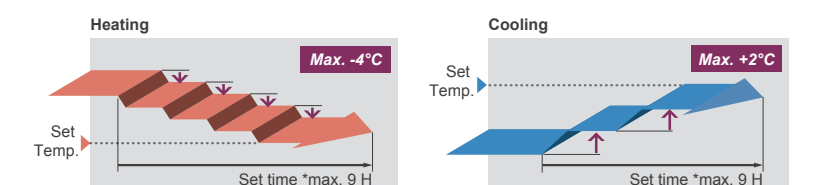
Easier weekly timer setting : Batch setting for all days of the week are possible and then specified day setting can be also changed. Setting the weekly timer is easier than previous setting for each day.



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

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

*Sleep timer setting : 0.5, 1, 2, 3, 5, 7, 9 H





High COP & Powerful Heating model

CLASS ALL
A DC

ASYG09LT ASYG12LT



High COP model

CLASS ALL
A DC

ASYG07LU ASYG09LU ASYG12LU ASYG14LU



The LU series indoor units are compatible with our Multi System.

Type		2 rooms		3 rooms		4 rooms	8 rooms
Model name		AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4	AOYG45LAT8
Capacity (kW)	Cooling	4.0	5.0	5.4	6.8	8.0	14.0
	Heating	4.4	5.6	6.8	8.0	9.6	16.0
Model name	kW Class						
ASYG07LU	2.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASYG09LU	2.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASYG12LU	3.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASYG14LU	4.0			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Feature Summary

	i-PAM	Human Sensor	Powerful Heating	Up/Down	Adjust	Restart	Auto Changeover	10°C HEAT	Economy	POWERFUL	Low noise	Sleep	Program	Weekly	Filter	Ion	AF
LT series	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
LU series	□			□	□	□	□	□	□	□	□	□	□	□	□	□	□

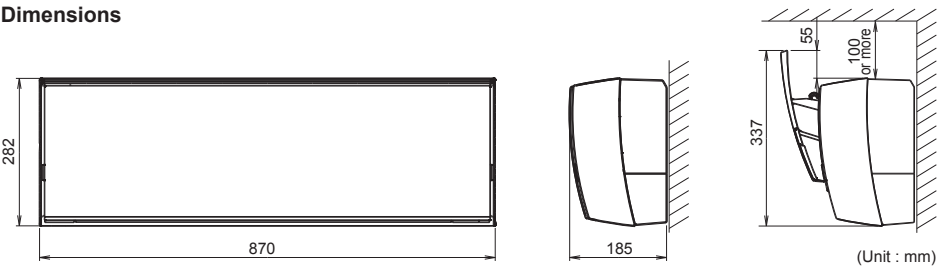
Feature Explanation

Energy label : There are seven classifications of energy efficiency, from A to G. The most efficient level is "A" and the least efficient level is "G".	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.	Sleep timer : The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
All DC inverter technology : By All DC inverter control, electricity loss is decreased and power consumption is substantially reduced.	Auto-changeover : The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.	Program timer : This digital timer allows selection of one of four options : ON, OFF, ON OFF or OFF ON.
i-PAM control models : i-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform.	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.	Weekly timer : Different on-off times can be set for each day.
Human sensor : Human sensor catches movements of people in a room.	Economy mode : Limits the maximum operation current, and performs operation with the power consumption suppressed.	Filter sign : Indicates the filter cleaning period by lamp.
Powerful heating : Rated heating capacity is maintained up to an outdoor temperature lower than -7°C and operation can be performed even at low outdoor temperature.	Powerful mode : Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.	Long-life 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.
Up / down swing flaps : The up/down flaps automatically swing up and down.	Low noise mode : Sound noise level of outdoor unit can be selected.	Apple-catechin filter : Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.
Automatic air flow adjustment : The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.		

Specifications

Series		LT series		LU series			
Model No.	Indoor unit	ASYG09LT	ASYG12LT	ASYG07LU	ASYG09LU	ASYG12LU	ASYG14LU
	Outdoor unit	AOYG09LT	AOYG12LT	AOYG07LU	AOYG09LU	AOYG12LU	AOYG14LU
Power Source	V/ Ø /Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling	2.5(0.9~3.5)	3.5(1.1~4.0)	2.0(0.5~3.0)	2.5(0.5~3.2)	3.5(0.9~4.0)	4.2(0.9~5.0)
	Heating	3.2(0.9~5.4)	4.0(0.9~6.5)	3.0(0.5~4.0)	3.2(0.5~4.2)	4.0(0.9~5.6)	5.4(0.9~6.0)
Input Power	Cooling / Heating	kW 0.505/0.660	0.850/0.910	0.460/0.660	0.555/0.680	0.905/0.930	1.235/1.380
EER - Energy Class	Cooling	4.95-A	4.12-A	4.35-A	4.50-A	3.87-A	3.40-A
COP - Energy Class	Heating	4.85-A	4.40-A	4.55-A	4.71-A	4.30-A	3.91-A
Running Current	Cooling / Heating	A 2.6/3.3	4.0/4.3	2.6/3.4	3.1/3.4	4.6/4.7	5.8/6.3
Moisture Removal		l/h 1.3	1.8	1.0	1.3	1.8	2.1
Noise (Indoor)	Cooling H / M / L / Q	42/36/32/21	43/37/32/21	38/35/31/21	42/36/32/21	43/37/32/21	45/40/33/25
Noise (Outdoor)	Cooling	50	48	46	48	50	50
Airflow Rate (High)	Indoor / Outdoor	m³/h 800/1,700	850/2,050	680/1,720	800/1,720	850/1,940	900/1,940
Net Dimension H x W x D	Indoor	mm 282×870×185	282×870×185	282×870×185	282×870×185	282×870×185	282×870×185
		kg(lbs) 9.5(21)	9.5(21)	9.5(21)	9.5(21)	9.5(21)	9.5(21)
	Outdoor	mm 540×790×290	620×790×290	540×660×290	540×660×290	540×790×290	540×790×290
		kg(lbs) 33(73)	40(88)	23(51)	25(55)	33(73)	34(75)
Piping Connections (Small / Large)		mm 6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
Drain Pipe Diameter (Inner / Outer)		mm 16/29	16/29	16/29	16/29	16/29	16/29
Max Pipe Length (Pre-Charge)		m 20(15)	20(15)	20(15)	20(15)	20(15)	20(15)
Max Height Difference		m 15	15	15	15	15	15
Operation Range	Cooling	°CDB -10~43	-10~43	-10~43	-10~43	-10~43	-10~43
	Heating	-20~24	-20~24	-15~24	-15~24	-15~24	-15~24
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A

Dimensions



Optional parts

- Wired Remote Controller : UTY-RNNYM
- Simple Remote Controller : UTY-RSNYM
- Communication Kit : UTY-TWBXF
- External Connect Kit : UTY-XWZWZ5