

FUJITSU

*Hi-spec Design model*



Photo : LT series

FUJITSU GENERAL LIMITED

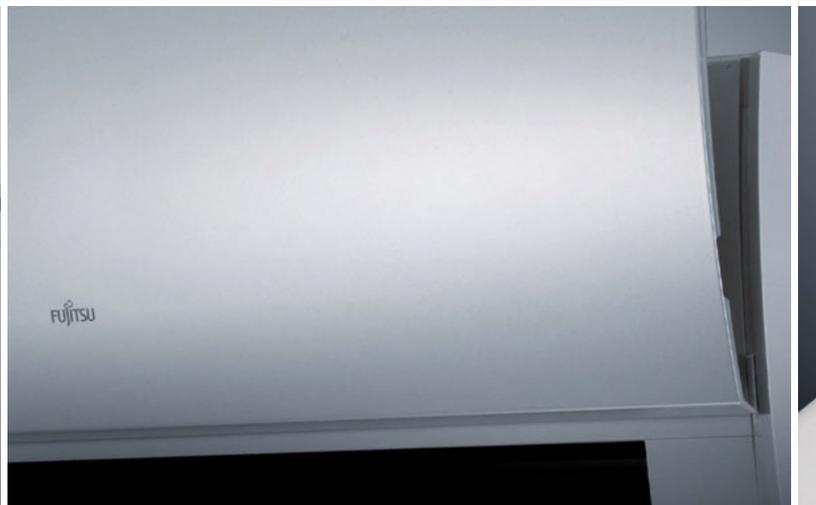


FUJITSU

# New Partner for Living



FUJITSU



FUJITSU



### *Hi-spec Design model*

Full flat panel 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

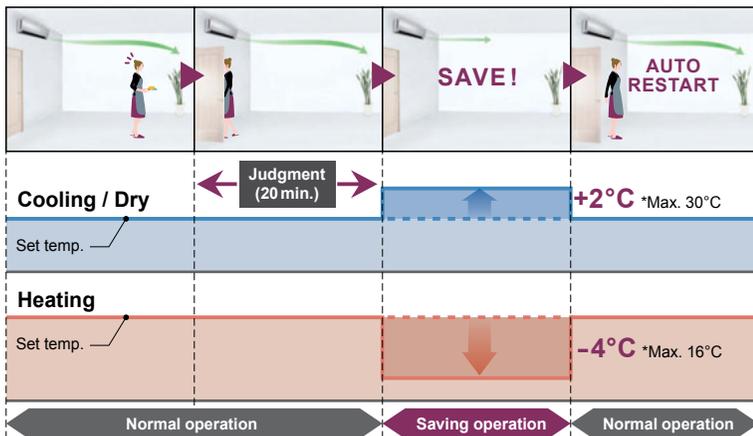


Energy saving operation by detecting movement

## Human sensor control\*

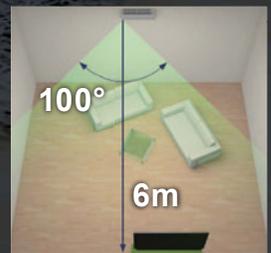
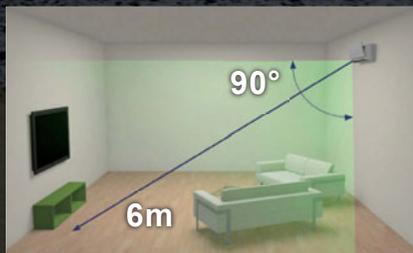
Even if people leave the room and forget to turn off the power, 20 minutes after the last person has left the room, the air conditioner will automatically switch to the saving operation. In saving operation, temperature is increased by 2°C when cooling and reduced by 4°C when heating. When someone comes 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



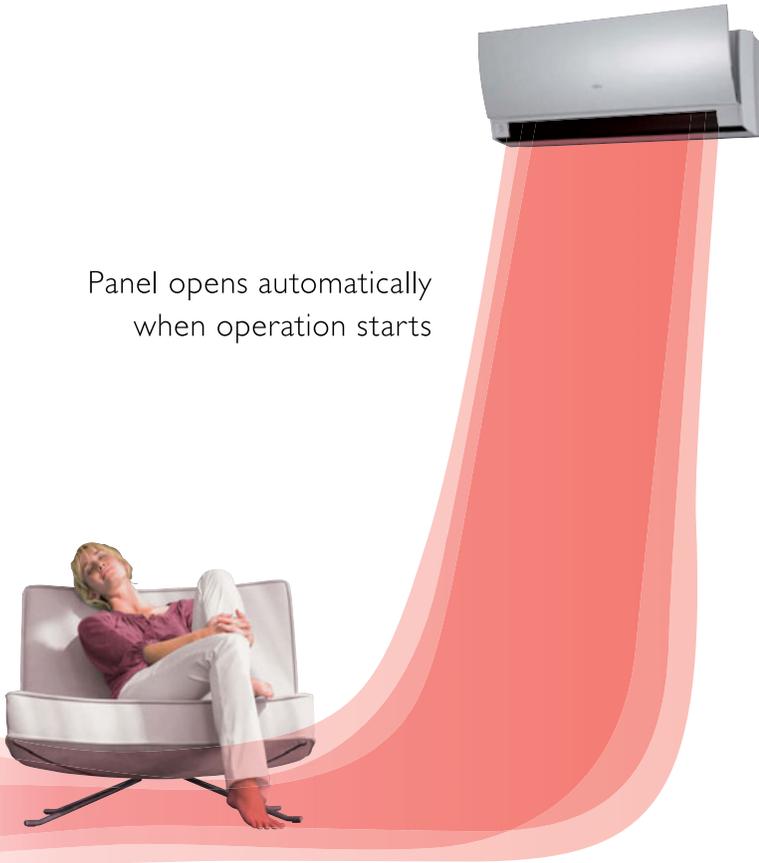


Human sensor's coverage



# High Performance

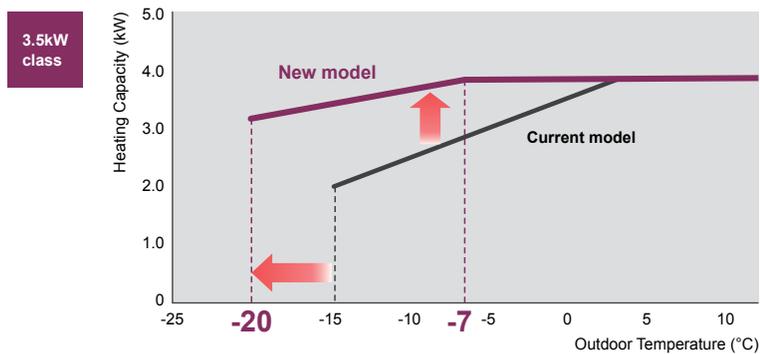
Panel opens automatically when operation starts



## 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  $-7^{\circ}\text{C}$ . This new model can operate even at  $-20^{\circ}\text{C}$  low outdoor temperature.

\*LT series only

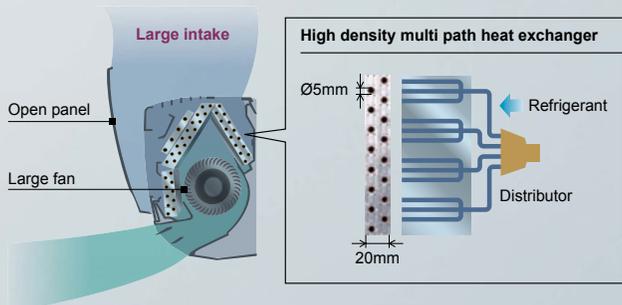


## Our Advanced Technology





**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**  
\*ASYG12LTCA only

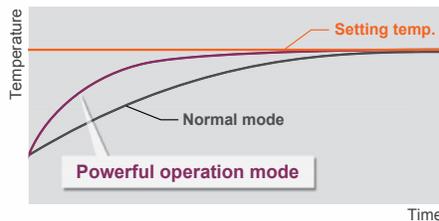
# More Comfort & Friendly for Use



Quick comfort  
pressing just one button

## Powerful operation mode

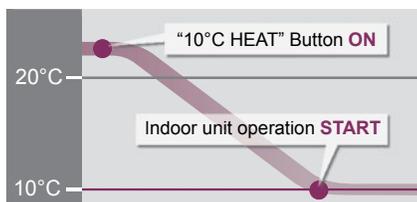
Powerful operation is boosted with the maximum full power and strong airflow. Rapid cooling and heating makes the room comfortable quickly when people come back home.



**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

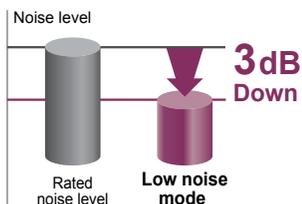


**Caution**

- 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.



FUJITSU

For LT series  
(Real scale)

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



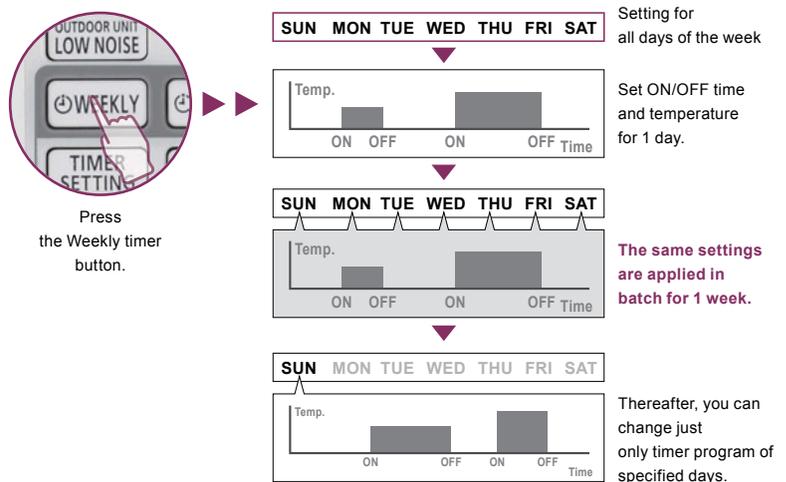
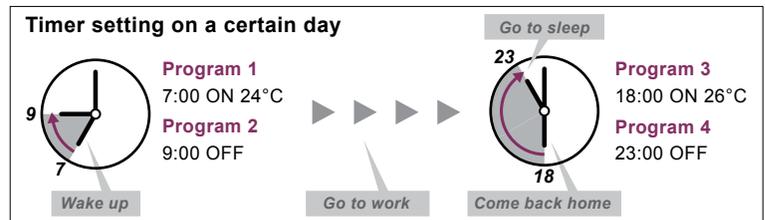
### Slim & Smart design remote controller

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.

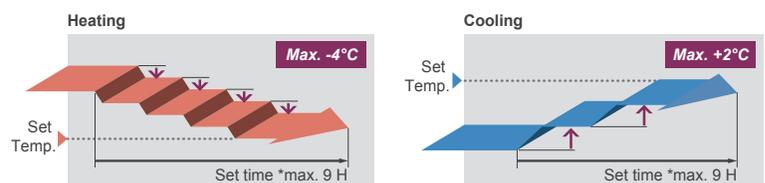
**Easier weekly timer setting :** Batch setting for all days of the week are possible and then specified day setting can be also changed. Setting the weekly timer is easier than previous setting for each day.



**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 with Human Sensor model

ALL  
DC

ASYG09LTCA ASYG12LTCA













High COP model

ALL  
DC

ASYG07LUCA ASYG09LUCA ASYG12LUCA ASYG14LUCA



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 (Branch Box)
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"/>					
ASYG09LU	2.5	<input type="checkbox"/>					
ASYG12LU	3.5	<input type="checkbox"/>					
ASYG14LU	4.0			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Feature Summary

	i-PAM	Human Sensor	Up/Down	Adjust	Restart	Auto Changeover	HEAT 10°C	Economy	POWERFUL	Low noise	Sleep	Program	Weekly	Filter	Ion	AP
LT series	<input checked="" type="checkbox"/>															
LU series	<input type="checkbox"/>															

## Feature Explanation

**ALL DC** **All DC inverter technology** : By All DC inverter control, electricity loss is decreased and power consumption is substantially reduced.

**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.

**Human Sensor** **Human sensor** : Human sensor catches movements of people in a room.

**Up/down** **Up / down swing flaps** : The up/down flaps automatically swing up and down.

**Adjust** **Automatic air flow adjustment** : The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

**R** **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.

**Auto Changeover** **Auto-changeover** : The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

**10°C HEAT** **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.

**Economy** **Economy mode** : Limits the maximum operation current, and performs operation with the power consumption suppressed.

**Powerful** **Powerful mode** : Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.

**Low noise** **Low noise mode** : Sound noise level of outdoor unit can be selected.

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

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

**Weekly** **Weekly timer** : Different on-off times can be set for each day.

**Filter** **Filter sign** : Indicates the filter cleaning period by lamp.

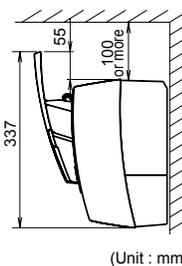
**Ion** **Long-life ion deodorization filter** : The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

**AF** **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.

## Specifications

Series			LT series				LT series		
Model No.	Indoor unit		ASYG09LTCA	ASYG12LTCA	ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA	
	Outdoor unit		AOYG09LTC	AOYG12LTC	AOYG07LUCB	AOYG09LUCB	AOYG12LUC	AOYG14LUC	
Power Source	V/∅/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	
Capacity	Cooling	kW	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	
EER	Cooling	W/W	4.95	4.12	4.35	4.50	3.87	3.40	
	Heating		4.85	4.40	4.55	4.71	4.30	3.91	
Pdesign	Cooling/Heating (@-10°C)		kW	2.5/3.0	3.5/4.0	2.0/2.6	2.5/2.8	3.5/3.9	
SEER	Cooling		W/W	8.50	8.50	7.20	7.10	7.05	
SCOP	Heating (Average)		W/W	4.60	4.60	4.10	4.10	4.00	
Energy Efficiency Class	Cooling		A+++	A+++	A++	A++	A++	A++	
	Heating (Average)		A++	A++	A+	A+	A+	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	
Annual Energy Consumption	Cooling		kWh/a	103	144	97	123	174	
	Heating		912	1217	887	956	1363	1677	
Moisture Removal			l/h	1.3	1.8	1.0	1.3	1.8	
Sound Pressure (Cooling)	Indoor	H/M/L/Q	dB(A)	42/36/32/21		43/37/32/21		38/35/31/21	
	Outdoor			48	48	46	48	50	50
Sound Power (Cooling)	Indoor	High	dB(A)	59		60		57	
	Outdoor			63	64	58	60	65	65
Airflow Rate (High)	Indoor / Outdoor		m³/h	800/1,700	850/2,050	680/1,720	800/1,720	850/1,940	
Net Dimension H x W x D	Indoor	mm	282×870×185		282×870×185		282×870×185		
			kg(lbs)	9.5(21)		9.5(21)		9.5(21)	
	Outdoor	mm	540×790×290		620×790×290		540×660×290		
			kg(lbs)	33(73)		40(88)		25(55)	
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	
Drain hose Diameter (I.D./O.D.)			mm	13.8/15.8 to 16.7					
Max Pipe Length (Pre-Charge)			m	20(15)	20(15)	20(15)	20(15)	20(15)	
Max Height Difference			m	15	15	15	15	15	
Operation Range	Cooling	°CDB	-10~43	-10~43	-10~46	-10~46	-10~43	-10~43	
	Heating		-20~24	-20~24	-15~24	-15~24	-15~24	-15~24	
Refrigerant (Global Warming Potential)			R410A(1,975)	R410A(1,975)	R410A(1,975)	R410A(1,975)	R410A(1,975)	R410A(1,975)	

## Dimensions



## Optional parts

- Wired Remote Controller : UTY-RNNYM / UTY-RVNYM
- Simple Remote Controller : UTY-RSNYM
- Communication Kit : UTY-TWBXF
- External Connect Kit : UTY-XWZXS



ISO 9001  
Certified number : 01 100 79269



ISO 14001  
BUREAU VERITAS  
Certification



ISO 14001  
Certified number : 310102-UK

Fujitsu General (Shanghai) Co., Ltd.

\*The colors may be different from the actual colors because this catalog is printed matter.

Distributed by :

