

The Intelligent Choice in Comfort



FUJITSU GENERAL LIMITED

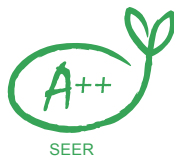
High Efficiency &

Comfort Design

All inverter control and our original airflow control realize economical and pleasant air conditioning throughout the year. Simple and compact design matches any room.

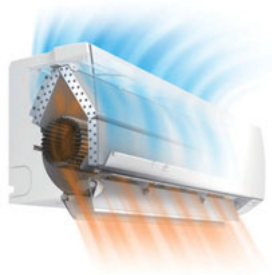
High Energy Saving in all season

- All models are achieved "Class A++" (new energy efficiency standard)



More Comfort

- High Comfort airflow by power diffuser
- Various comfort control



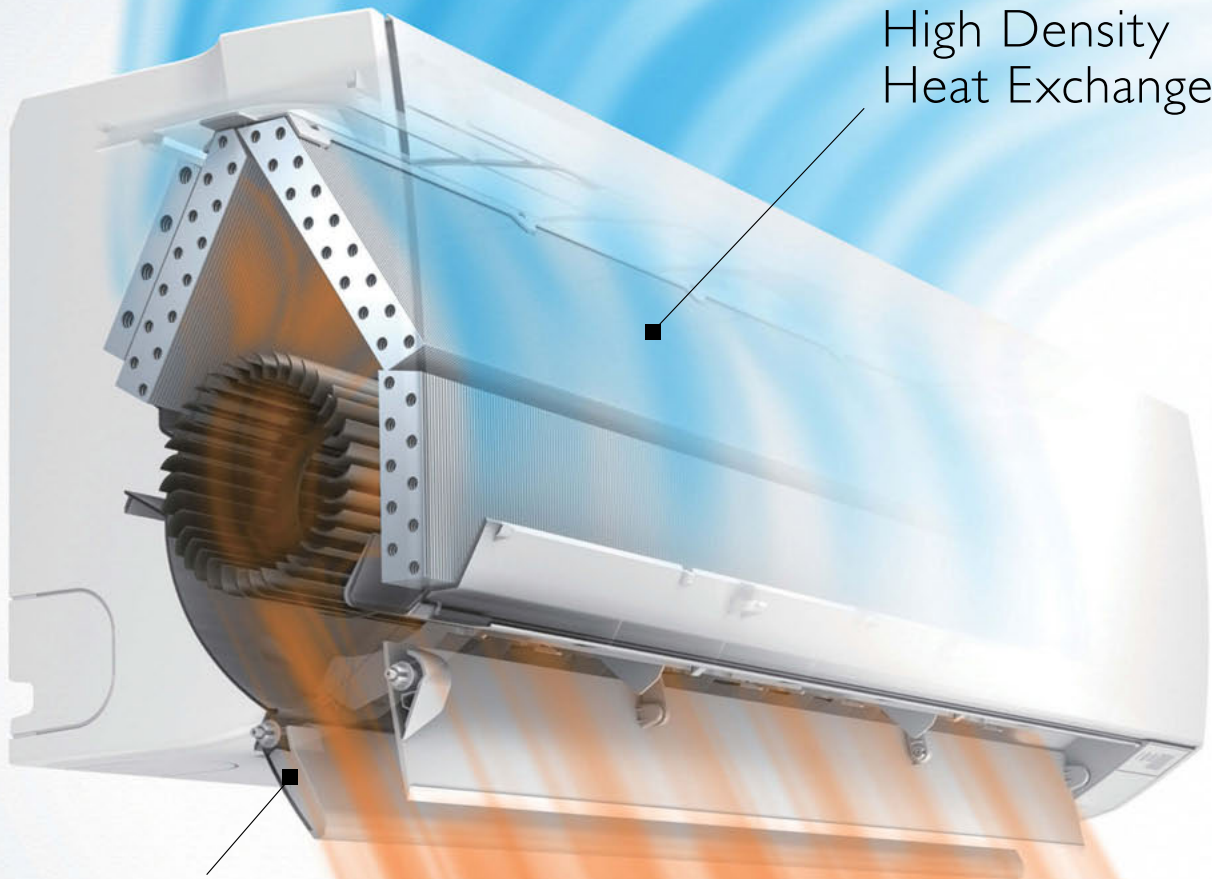
Energy Saving Control

- Detailed energy saving control by one-touch simple operation remote controller





High Efficiency & Comfort Technology

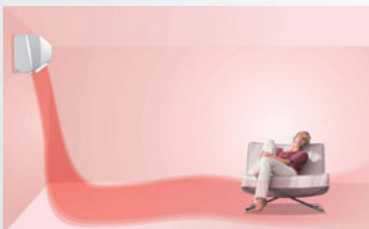


High Density
Heat Exchanger

Power Diffuser

Fujitsu General original power diffuser is mounted. Diffuser operates automatically matched to the operation mode to control the optimal airflow. Comfortable space is quickly realized.

Heating

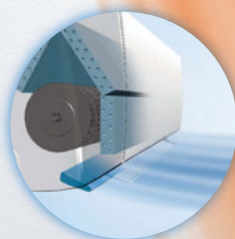


During heating operation, vertical airflow provides comfortable floor level heating.

Cooling



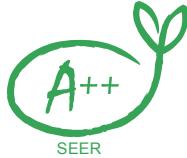
During cooling operation, long-reach airflow is delivered by horizontal airflow, and quickly creates comfortable space up to every corner of the room.



High Energy Saving in all season

High seasonal efficiency

High seasonal efficiency is realized by adopting DC rotary compressor, All DC inverter control, efficient and high-density heat exchanger technology. New models are achieved "Class A++" in new energy efficiency standard.

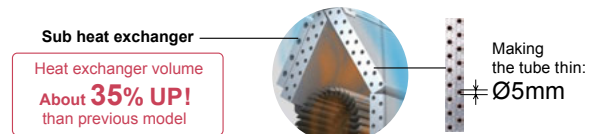


The heat load varies greatly depending on the time and season. SEER and SCOP* have been made the standard in terms of actual operating hours throughout the year.

*: SEER=Seasonal Energy Efficiency Ratio SCOP=Seasonal Coefficient Of Performance

High density heat exchanger

High-density 5mm thin tube diameter heat exchanger mounted. Capacity is enlarged including sub heat exchanger. Heat exchange efficiency substantially improved.



ALL DC All DC inverter technology

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



High efficiency DC Fan motor



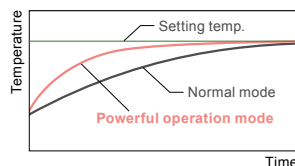
DC Rotary compressor

More Comfort



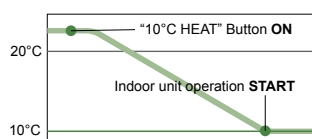
Powerful operation

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



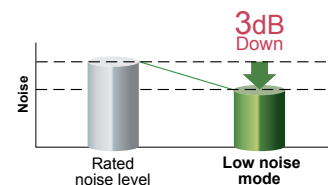
10°C HEAT operation

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



Low noise mode for outdoor unit

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



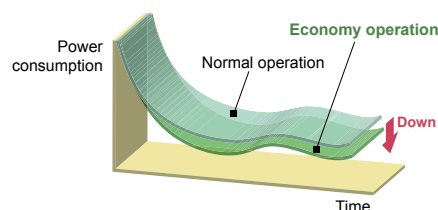
For ASYG07 / 09 / 12LMCA

Energy Saving Control



Economy operation

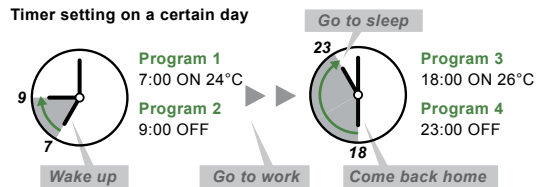
Energy-saving operation can be selected with one touch even at low loads. Low power consumption economical operation is performed by cutting the maximum current.



Program timer

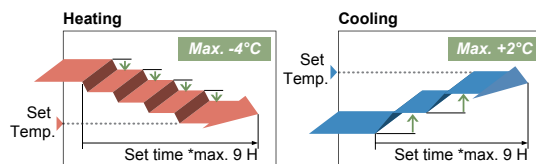
ON/OFF timer can be set four times per day. For example, 2 programs at waking up and going to sleep can be set. Various waste-free programs can be set to match your lifestyle.

Timer setting on a certain day



Sleep timer

The set temperature is gradually changed automatically to match your bedtime, and economical and pleasant timer operation is performed.



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

Slim & Easy Design

Slim wireless remote controller has an easy-to-view large LCD and a one-touch selection button in simple and easy-to-use layout design.

Optional parts

- Wired Remote Controller : UTY-RVNYM **NEW**



Weekly timer function :

- Can be set up to 8 times per day (On / Off, mode, Temp)
- 2 pattern settings (i.e. Summer / Winter setting) are available.

Set temperature auto return :

- The setting temperature automatically returns to the previously set temperature.
- The time range in which the set temperature can be changed is 30 to 120 minutes.

Set temperature upper and lower limit setting :

- The set temperature range can be set for each operation mode. (Cooling / Heating / Auto)

- Wired Remote Controller : UTY-RNNYM
- Simple Remote Controller : UTY-RSNNYM
- Communication Kit : UTY-XCBXZ2
- External Connect Kit : UTY-XWZXZ5



ASYG07LMCA ASYG09LMCA ASYG12LMCA ASYG14LMCA



Wireless R.C. For ASYG07/09/12LMCA For ASYG14LMCA



Other features

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

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

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

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

Filter sign :
Indicates the filter cleaning period by lamp.

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.

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.

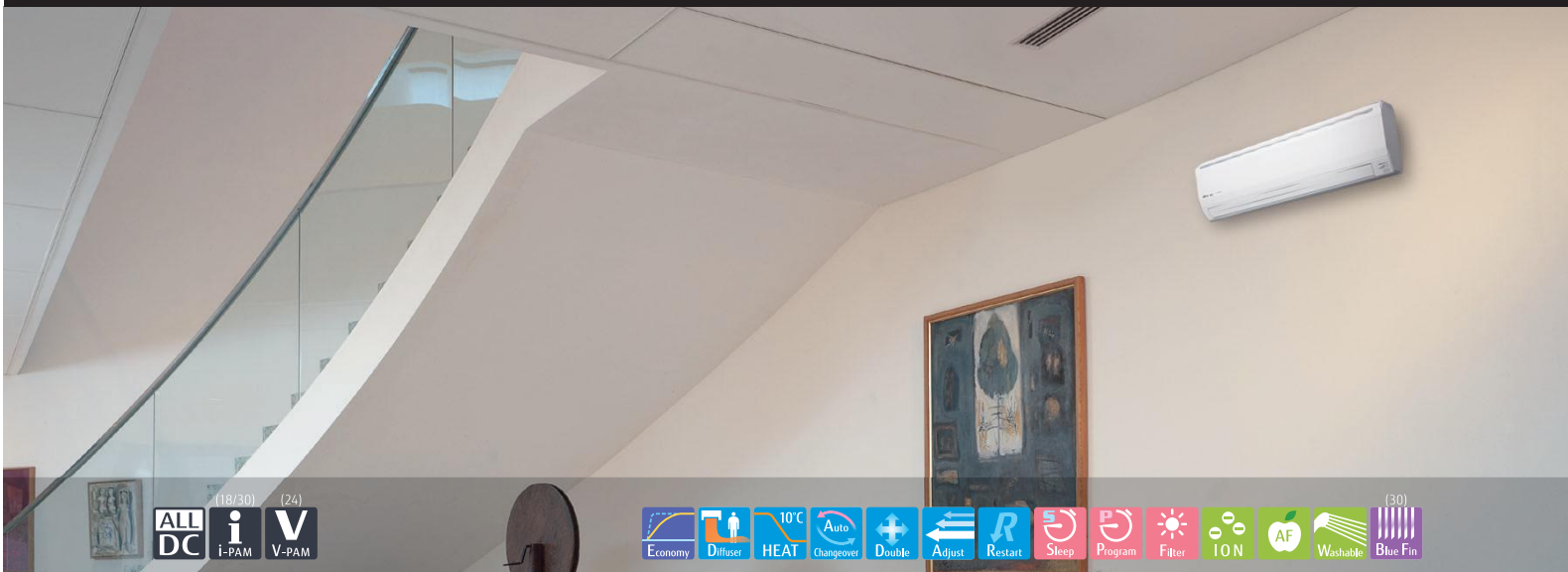
Washable panel

Specifications

Model No.	Indoor unit		ASYG07LMCA ^{*1}	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA ^{*1}
	Outdoor unit		AOYG07LMCA ^{*1}	AOYG09LMCA	AOYG12LMCA	AOYG14LMCA ^{*1}
Power Source	V/∅/Hz		230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Capacity	Cooling	kW	2.0 (0.5 - 3.0)	2.5 (0.5 - 3.2)	3.4 (0.9 - 3.9)	4.0 (0.9 - 4.3)
	Heating	kW	3.0 (0.5 - 3.4)	3.2 (0.5 - 4.0)	4.0 (0.9 - 5.3)	5.0 (0.9 - 6.0)
Input Power	Cooling/Heating	kW	0.470 / 0.685	0.65 / 0.73	0.97 / 1.02	1.17 / 1.355
EER	Cooling	W/W	4.26	3.85	3.50	3.41
COP	Heating	W/W	4.38	4.38	3.92	3.69
Pdesign	Cooling / Heating (@-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 3.5	4.0 / 3.7
SEER	Cooling	W/W	7.10	7.00	7.00	6.70
SCOP	Heating (Average)	W/W	4.10	4.10	4.00	3.80
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A
Running Current	Cooling / Heating	A	2.3 / 3.3	3.2 / 3.5	4.6 / 4.8	5.6 / 6.3
Annual Energy Consumption	Cooling	kWh/a	99	125	170	209
	Heating	kWh/a	786	820	1225	1364
Moisture Removal	l/h		1.0	1.3	1.8	2.1
Sound Pressure (Cooling)	Indoor	H/M/L/Q	43 / 40 / 32 / 21	43 / 40 / 32 / 21	43 / 40 / 32 / 21	44 / 40 / 33 / 25
	Outdoor	High	45	45	50	49
Sound Power (Cooling)	Indoor	High	60	59	59	60
	Outdoor	High	58	58	61	63
Airflow Rate (High)	m³/h		750 / 1670	750 / 1670	750 / 1830	750 / 1800
Net Dimension H x W x D	Indoor	mm	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203
		kg (lbs)	8.5 (19)	8.5 (19)	8.5 (19)	8.5 (19)
	Outdoor	mm	535 x 663 x 293	535 x 663 x 293	535 x 663 x 293	540 x 790 x 290
		kg (lbs)	21 (46)	21 (46)	26 (57)	34 (75)
Piping Connections (Small / Large)	mm		6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
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	13.8 / 15.8 to 16.7
Max Pipe Length (Pre-Charge)	m		20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			15	15	15	15
Operation Range	Cooling	°CDB	-10~43	-10~43	-10~43	-10~43
	Heating	°CDB	-15~24	-15~24	-15~24	-15~24
Refrigerant (Global Warming Potential)			R410A (1,975)	R410A (1,975)	R410A (1,975)	R410A (1,975)

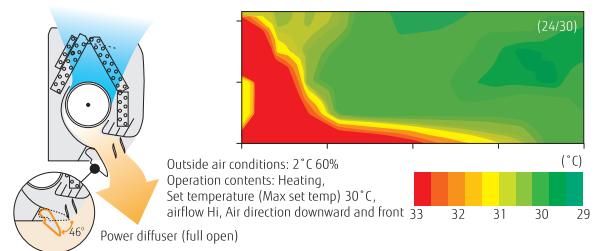
*1: Specifications of ASYG07/14LMCA are provisional for your reference. The contents of formal specifications might be different from these.

Wall Mounted Standard Range Comfort for Large Room

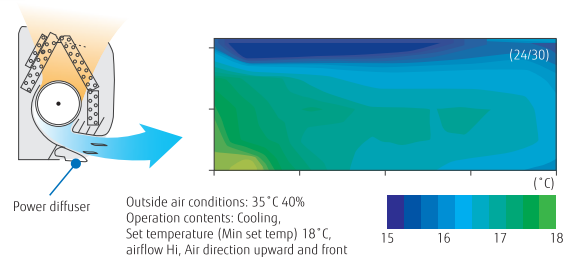


Features

"Vertical airflow" provides powerful floor level heating



"Horizontal airflow" does not blow cool air directly at the occupants in the room



Air conditioner filter features

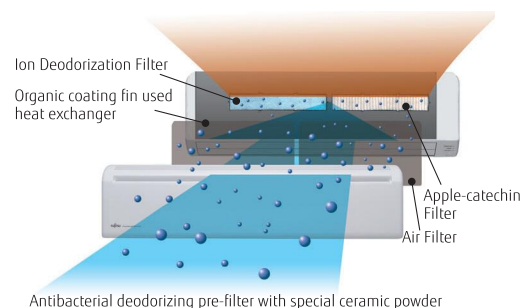


The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

Using different filters at both sides



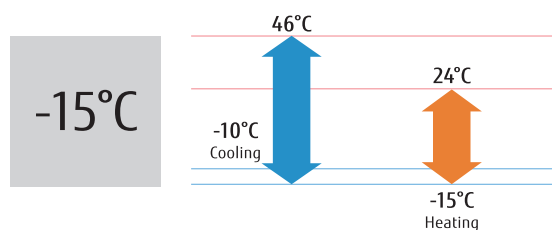
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



Flexible Installation

	18 type	24 type	30 type
Max. Piping Length	25 m	30 m	50 m
Max. Height	20 m	20 m	30 m

Low ambient operation



Model: ASYG18LFCA / ASYG24LFCC / ASYG30LFCA



Wireless R.C.



For ASYG18LFCA, ASYG24LFCC



For ASYG30LFCA

Specifications

Model No.	Indoor unit		ASYG18LFCA	ASYG24LFCC	ASYG30LFCA
	Outdoor unit		AOYG18LFC	AOYG24LFCC	AOYG30LFT
Power Source			Single-phase, ~230V, 50Hz		
Capacity	Cooling	kW	5.2 (0.9-6.0)	7.1 (0.9-8.0)	8.0 (2.9-9.0)
	Heating	kW	6.3 (0.9-9.1)	8.0 (0.9-10.6)	8.8 (2.2-11.0)
Input Power	Cooling/Heating	kW	1.52/1.71	2.20/2.21	2.49/2.44
EER	Cooling		3.42	3.23	3.21
COP	Heating	W/W	3.68	3.61	3.61
Pdesign	Cooling/Heating(-10°C)	kW	5.2/5.9	7.1/7.1	8.0/8.0
SEER	Cooling		6.94	6.11	5.69
SCOP	Heating (Average)	W/W	3.87	3.80	3.80
Energy Efficiency Class	Cooling		A++	A++	A+
	Heating (Average)		A	A	A
Max. Operating Current	Cooling/Heating	A	9.0/12.5	13.5/18.5	17.0/19.0
Annual Energy Consumption	Cooling	kWh/a	262	406	492
	Heating	kWh/a	2130	2610	2941
Moisture Removal		l/h	2.6	2.7	3.2
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/37/33/26	49/42/37/32	48/42/37/33
	Indoor (Heating)	H/M/L/Q	42/37/33/25	48/42/37/32	49/42/37/33
	Outdoor(Cooling/Heating)	High	50/51	55/56	53/56
Sound Power Level	Indoor(Cooling/Heating)	High	58/58	64/64	64/64
	Outdoor(Cooling/Heating)	High	65/-	68/-	68/-
Airflow Rate	Indoor / Outdoor	High	900/2150	1120/2460	1100/3600
Net Dimensions H x W x D Weight	Indoor	mm	320×998×238	320×998×238	320×998×238
		kg(lbs)	14 (31)	14 (31)	14 (31)
	Outdoor	mm	620×790×298	620×790×298	830×900×330
		kg(lbs)	41 (90)	41 (90)	61 (135)
Connection Pipe Diameter (Liquid / Gas)			6.35/12.8	6.35/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			12/16	12/16	12/16
Max Pipe Length (Pre-Charge)			25 (15)	30 (15)	50 (20)
Max Height Difference			20	20	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	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	1,200	1,650	2,100

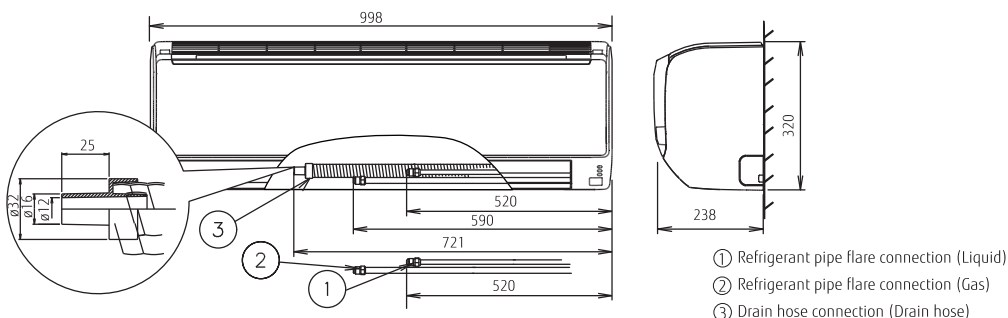
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

Dimensions

(Unit : mm)



NEW

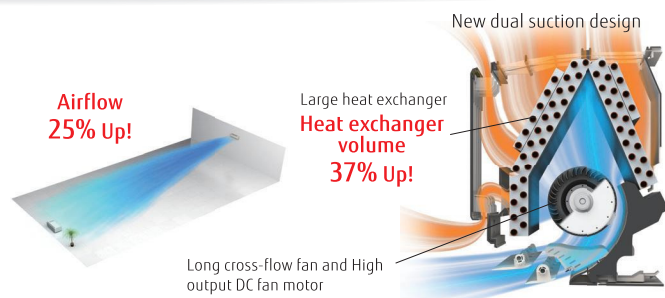
Wall Mounted Standard Range New Design & Large Capacity



Features

Large Capacity & Powerful airflow

Achieved large capacity and powerful airflow by large heat exchanger, long cross-flow fan, high output DC fan motor and new airflow structure design.



Human sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.

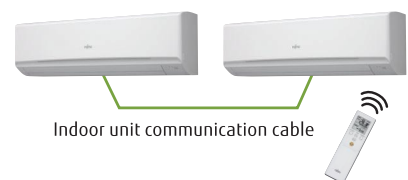


Server room function*

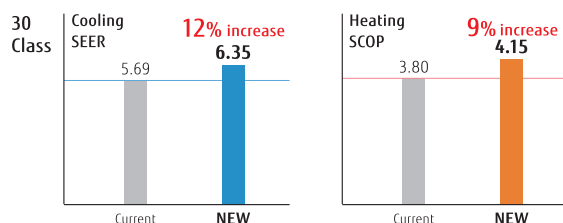
The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

- **Alternative operation:** Two units operate alternately
- **Backup operation:** When 1 unit breaks down, the other unit starts operating automatically.
- **Supporting operation:** Both units operate simultaneously when the loaded capacity is not enough with one unit

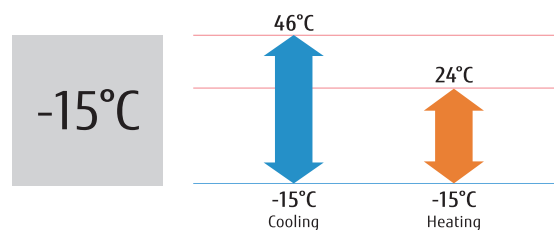
*2 x UT-Y-XWNX of optional parts are required.



High seasonal energy efficiency



Low ambient operation



Model: ASYG30LMTA/ASYG36LMTA



Wireless R.C.



Specifications

Model No.	Indoor unit		ASYG30LMTA		ASYG36LMTA		
	Outdoor unit		AOYG30LMTA		AOYG36LMTA		
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	8.0 (2.9-9.0)		9.4 (2.9-10.0)		
	Heating		8.8 (2.2-11.0)		10.1 (2.7-11.2)		
Input Power	Cooling/Heating	kW	2.33/2.41		3.16/2.96		
EER	Cooling	W/W	3.43		2.97		
COP	Heating		3.65		3.41		
Pdesign	Cooling/Heating(-10°C)	kW	8.0/6.5		9.4/7.1		
SEER	Cooling	W/W	6.35		5.73		
SCOP	Heating (Average)		4.15		4.19		
Energy Efficiency Class	Cooling		A++		A+		
	Heating (Average)		A+		A+		
Max. Operating Current	Cooling/Heating	A	14.5/14.5		19.0/19.0		
Annual Energy Consumption	Cooling	kWh/a	441		575		
	Heating		2,193		2,373		
Moisture Removal		l/h	2.7		3.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	50/44/38/31		50/44/38/31		
	Indoor (Heating)	H/M/L/Q	49/44/39/33		49/44/39/33		
	Outdoor(Cooling/Heating)	High	dB(A)	52/55		55/56	
Sound Power Level	Indoor(Cooling/Heating)	High		65/65		65/65	
	Outdoor(Cooling/Heating)	High		67/68		68/70	
Airflow Rate	Indoor / Outdoor	High	m³/h	1380/3600		1380/3800	
Net Dimensions H x W x D Weight	Indoor		mm	340×1150×280		340×1150×280	
			kg(lbs)	18 (40)		18 (40)	
	Outdoor		mm	830×900×330		830×900×330	
			kg(lbs)	61 (134)		61 (134)	
Connection Pipe Diameter (Liquid / Gas)			mm	9.52/15.88		9.52/15.88	
Drain hose Diameter (I.D./O.D.)			mm	13.8 / 15.8 to 16.7		13.8 / 15.8 to 16.7	
Max Pipe Length (Pre-Charge)			m	50 (20)		50 (20)	
Max Height Difference				30		30	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46		
	Heating		-15 to 24		-15 to 24		
Refrigerant	Type (Global Warming Potential)		R410A (2,088)		R410A (2,088)		
	Charge		q	2,100		2,100	

Optional parts

Wired Remote Controller (Touch panel (two-wire)): UTY-RNRYZ1 + UTY-TWRX

Wired Remote Controller (High grade (three-wire)): UTY-RVNYM + UTY-XWNX

Wired Remote Controller (two-wire): UTY-RLRY + UTY-TWRX

Wired Remote Controller(three-wire): UTY-RNNYM + UTY-XWNX

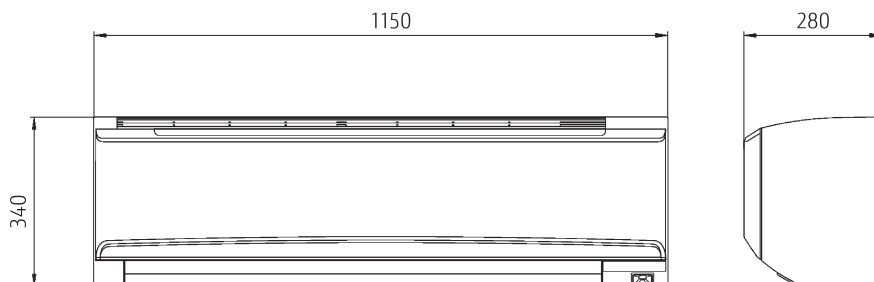
Simple Remote Controller (three-wire): UTY-RSNYM + UTY-XWNX

External input and output PCB (with box): UTY-XCSXZ1 + UTZ-GXXB

External Connect Kit: UTY-XWZX

Dimensions

(Unit : mm)



FUJITSU

Hi-spec Design model

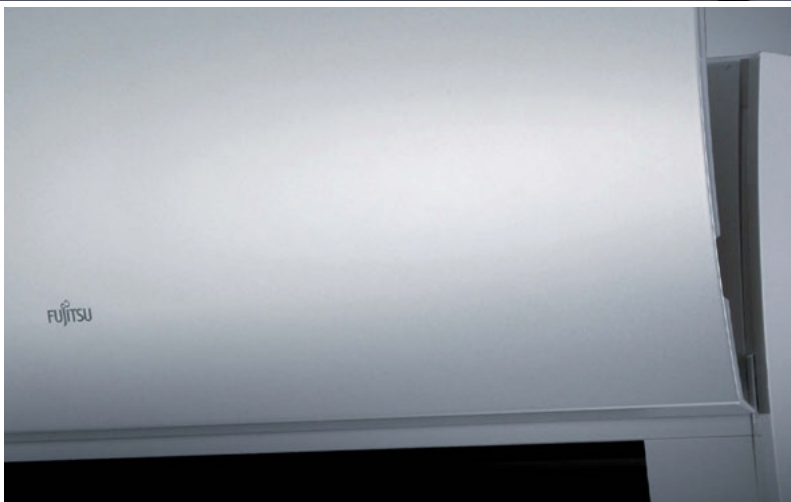


Photo : LT series

FUJITSU GENERAL LIMITED



New Partner for Living





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

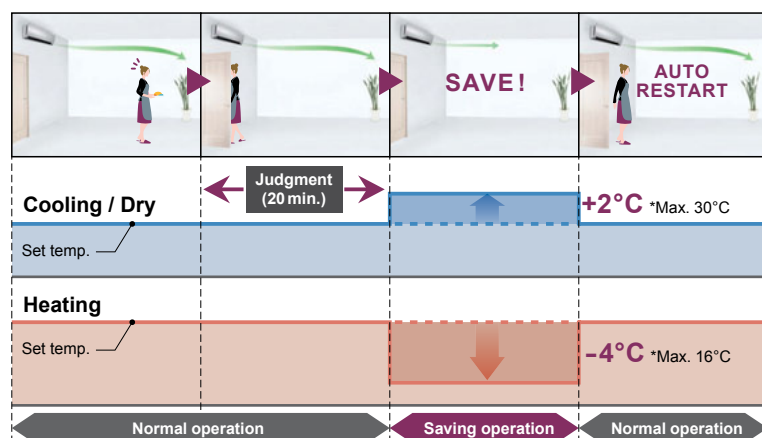


Energy saving operation
by detecting movement

Human sensor control*

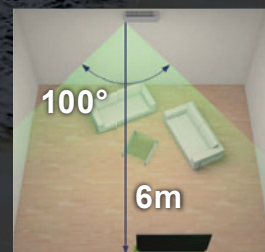
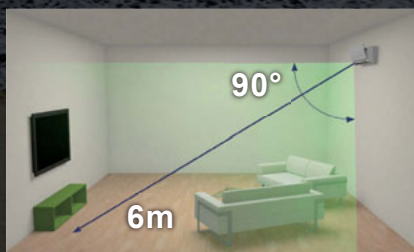
Even if people leave the room and forget to turn off the power, 20 minutes after the last person has left the room, the air conditioner will automatically switch to the saving operation. In saving operation, temperature is increased by 2°C when cooling and reduced by 4°C when heating. When someone comes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



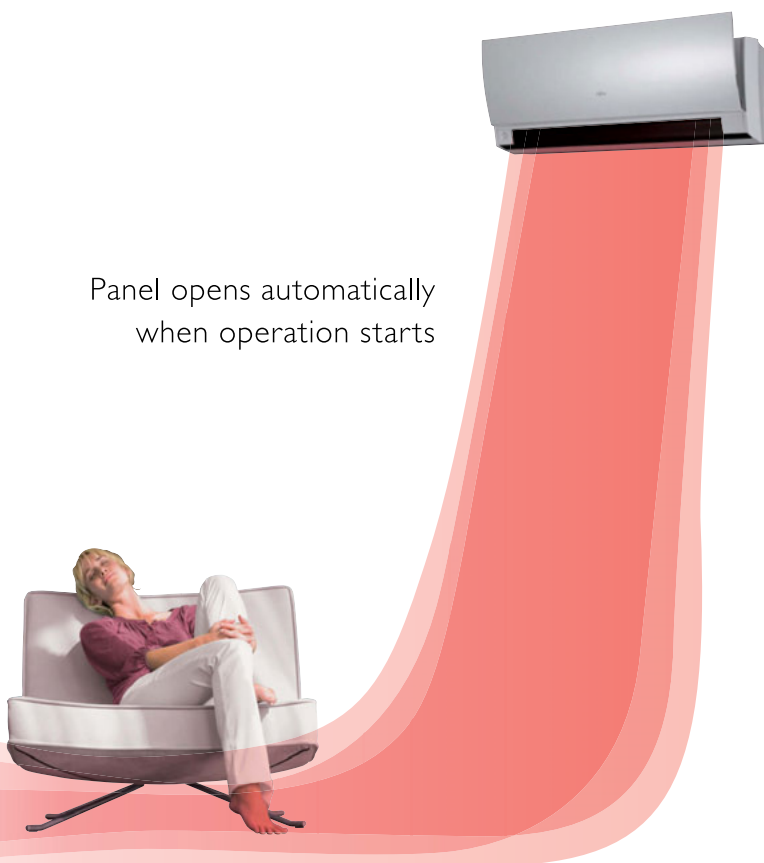


Human sensor's coverage



High Performance

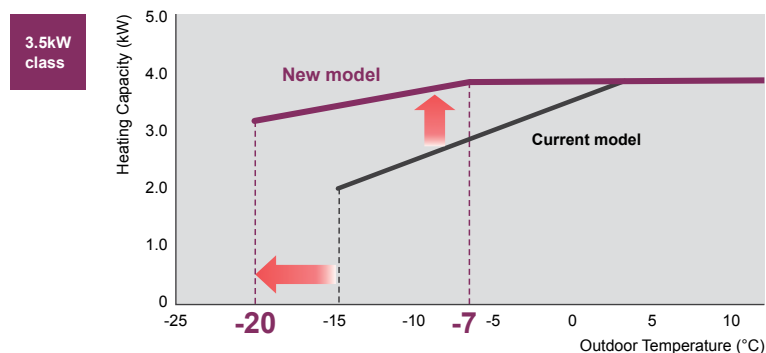
Panel opens automatically
when operation starts



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°C . This new model can operate even at -20°C low outdoor temperature.

*LT series only

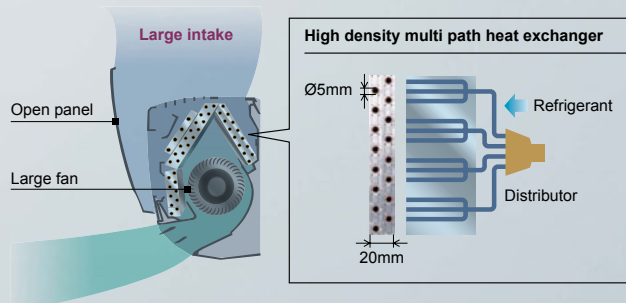


Our Advanced Technology





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
*ASYG12LTCA only

More Comfort & Friendly for Use



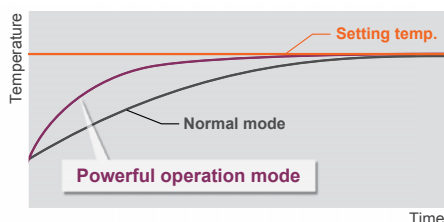
Quick comfort
pressing just one button

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.

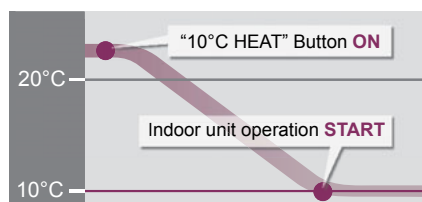
Caution

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

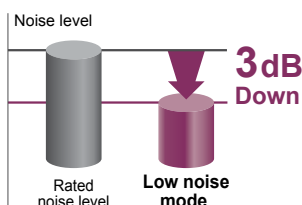


Caution

- 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.



For LT series
(Real scale)

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

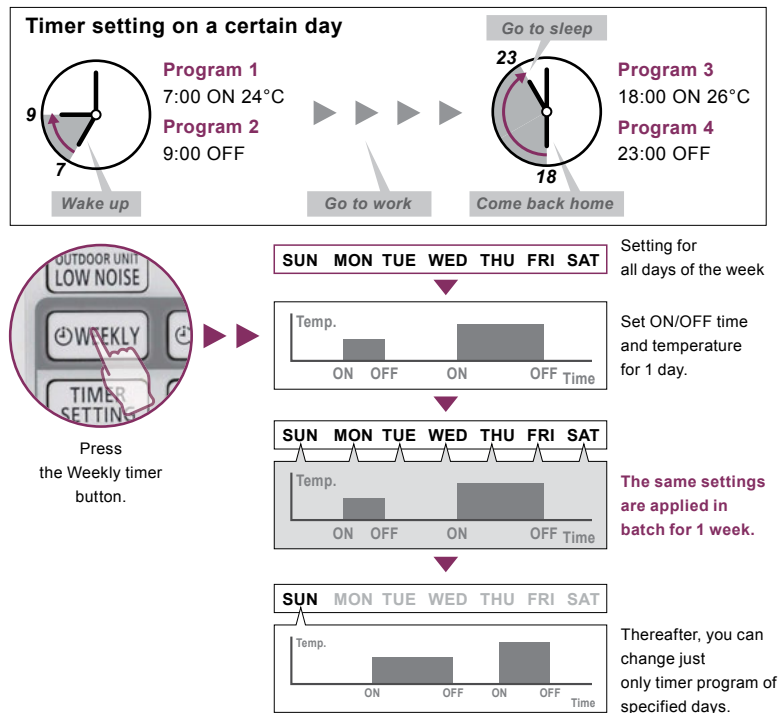
Slim & Smart design remote controller

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.

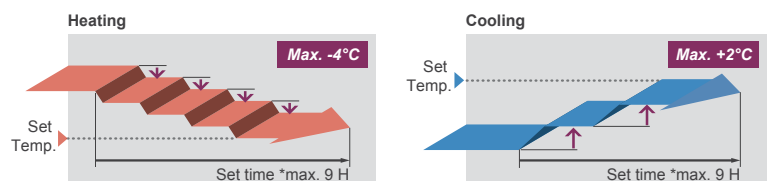
Easier weekly timer setting : Batch setting for all days of the week are possible and then specified day setting can be also changed. Setting the weekly timer is easier than previous setting for each day.



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



LT Series





High COP & Powerful Heating with Human Sensor model

ALL DC

ASYG09LTCA ASYG12LTCA

Wireless R.C.

For ASYG09LTCA

For ASYG12LTCA

LU Series





High COP model

ALL DC

ASYG07LUCA ASYG09LUCA ASYG12LUCA ASYG14LUCA

Wireless R.C.

For ASYG07/09LUCA

For ASYG12/14LUCA

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					
ASYG09LU		2.5					
ASYG12LU		3.5					
ASYG14LU		4.0					

Feature Summary

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

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-changover : 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.

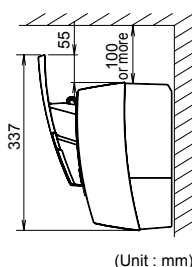
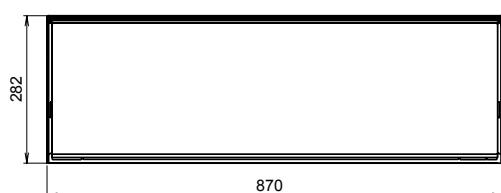
Ion **Long-life ion deodorization filter** : The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

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/ Ø/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	1.235/1.380	
EER	Cooling	W/W	4.95	4.12	4.35	4.50	3.87	3.40	
COP	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	4.2/4.8	
SEER	Cooling	W/W	8.50	8.50	7.20	7.10	7.05	6.78	
SCOP	Heating (Average)		4.60	4.60	4.10	4.10	4.00	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	5.8/6.3	
Annual Energy Consumption	Cooling	kWh/a	103	144	97	123	174	217	
	Heating		912	1217	887	956	1363	1677	
Moisture Removal		l/h	1.3	1.8	1.0	1.3	1.8	2.1	
Sound Pressure (Cooling)	Indoor	dB(A)	42/36/32/21	43/37/32/21	38/35/31/21	42/36/32/21	43/37/32/21	45/40/33/25	
	Outdoor		High	48	48	46	48	50	50
Sound Power (Cooling)	Indoor		High	59	60	57	59	60	60
	Outdoor		High	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	900/1,940	
Net Dimension H x W x D	Indoor	mm	282x870x185	282x870x185	282x870x185	282x870x185	282x870x185	282x870x185	
		kg(lbs)	9.5(21)	9.5(21)	9.5(21)	9.5(21)	9.5(21)	9.5(21)	
	Outdoor	mm	540x790x290	620x790x290	540x660x290	540x660x290	540x790x290	540x790x290	
		kg(lbs)	33(73)	40(88)	23(51)	25(55)	33(73)	34(75)	
Piping Connections (Small / Large)			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 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	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)			20(15)	20(15)	20(15)	20(15)	20(15)	20(15)	
Max Height Difference			15	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



(Unit : mm)

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
Certified number : 310102-UK

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

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