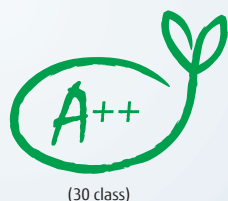


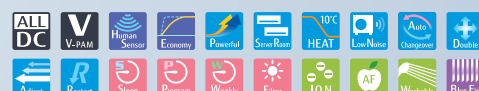
### Split Air Conditioner



ASYG30LMTA ASYG36LMTA



#### Option



## Wall Mounted LMTA Range

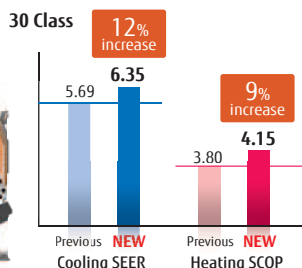
### Feature

#### High Energy Efficiency

Large Heat Exchanger

Heat Exchanger volume  
37% UP!

New dual suction design



### Feature

#### Human Sensor

The sensor detects the movement of people in the room and optimises the power consumption of the unit by automatically adjusting the operating mode.



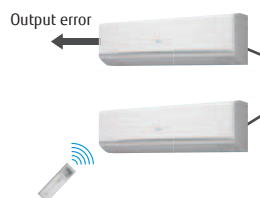
### Feature

#### Corresponding to the server room

##### 1 Operation

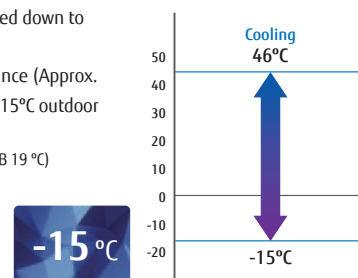
Cooling operation can be performed even in the low outdoor temperature and low humidity environment. In addition, the following interlock operation is possible by connecting two indoor units with a cable.

- Rotating operation (Two units operate alternately)
- Backup operation (In case one unit breaks down, the other unit starts operation automatically.)
- Support operation (Both units operate simultaneously when the loaded capacity is not enough with one unit)



##### 2 Low ambient operation

- Stable cooling operation is guaranteed down to -15°C outdoor temperature.
- Keep high sensible cooling performance (Approx. 75% capacity of rated condition) at -15°C outdoor temperature. (Room temperature condition: DB 27 °C WB 19 °C)
- Server room function can be set at site.



### Feature

#### Other functions

##### 1 Outdoor unit low noise mode

The reduction of noise at night can be set by remote controller.

##### 2 50m long piping Length

Long piping length allow to extend to 50m to support installing indoor unit in center of building.

##### 3 KNX / Modbus connection

Cooperation with external BMS is possible. (with option)

#### Optional parts

##### NEW

**Wired Remote Controller (Touch panel (two wire)) :** UTY-RNRYZ1 + UTY-TWRX  
Corresponds to twelve languages.

(English, German, French, Spanish, Italian, Portuguese, Dutch, Polish, Greek, Russian, Turkish, Chinese)

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

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

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

**External input and output PCB:** UTY-XCSXZ1 + UTZ-GXXB

**External Connect Kit:** UTY-XWZX

## Feature explanation



**Human sensor :** Human sensor detects the movement of people in the room and judges whether the energy saving operation.



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



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



**Server room operation :** Interlock operation is possible by connecting 2 indoor units even in the low temperature.



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



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



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



**Double swing automatic :** Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.



**Automatic fan speed :** The micro-computer automatically adjusts the airflow 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 power supply is restored.



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



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



**Weekly timer :** Different ON-OFF times can be set for each day.



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



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



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



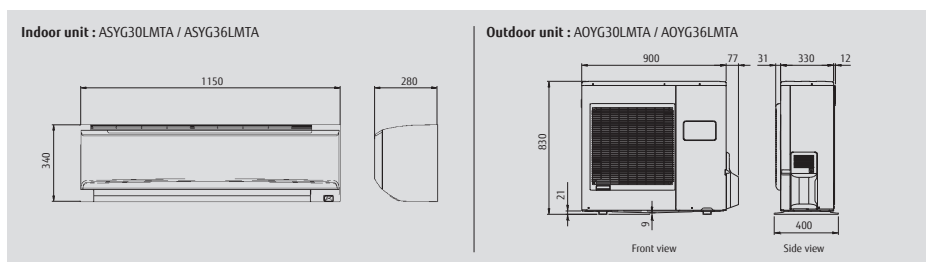
**Washable panel :** Since the front panel is easy to remove, maintenance is also easy.



**Blue fin**

## Dimensions

(Unit : mm)



## Specifications

(TENTATIVE)

	Indoor	Outdoor	ASYG30LMTA AOYG30LMTA	ASYG36LMTA AOYG36LMTA
Nominal Capacity (kW)	Cooling		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)
UK Total / Sensible Cooling *			7.88 / 5.86	9.00 / 6.63
Power Consumption (kW)	Cooling		2.33	3.16
	Heating		2.41	2.96
EER / COP (Nominal Conditions)			3.43 / 3.65	2.97 / 3.41
Pdesign (kW) @ -10°C	Cooling		8.0	9.4
	Heating		6.5	7.1
SEER	Cooling		6.35	5.73
SCOP	Heating (Average)		4.15	4.19
Energy Efficiency Class	Cooling		A++	A+
	Heating (Average)		A+	A+
Annual Energy Consumption (kWh/a)	Cooling		441	575
	Heating		2193	2373
Moisture Removal	l/h		2.7	3.7
Dimensions (HxWxD) mm	Inner		340x1150x280	340x1150x280
	Outer		830x900x330	830x900x330
Net Weight (kg)	Inner		18	18
	Outer		61	61
Room Air Circulation (high) m3/h	Inner		1380	1380
	Outer		3600	3800
Power Supply	V-PH-Hz		230-1-50	230-1-50
Power Supply To		Outdoor		Outdoor
Running Current (A)	Cooling		14.5	19
	Heating		14.5	19
Starting Current	A		10.5	13.9
Suggested MCB/Fuse	A		16	20
Interconnecting Cable			3 + E	3 + E
Remote Control Type			Wireless	Wireless
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H		31/38/44/50	31/38/44/50
	Outdoor H		52	52
Sound Power (dB(A) Cooling)	Indoor H		65	65
	Outdoor H		67	68
Max Pipe Length	m		50	50
Max Height Difference	m		30	30
Refrigerant Charge	m		20	20
Additional Refrigerant Charge	g/m		40	40
Pipe Size (inches)	Gas		5/8	5/8
	Liquid		3/8	3/8
Operating Range (OC)	Cooling		-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant			R410A	R410A

Note

\*Cooling/heating capacities are based on the following conditions.

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C
---------	--

- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
- Sound power test is in accordance with EN12102

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\*Actual products' colors may be different from the colors shown in this printed material.

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# Wall Mounted

ECO Range Compact & Comfort

Refrigerant  
**R410A**  
**INVERTER**

ALL  
DC

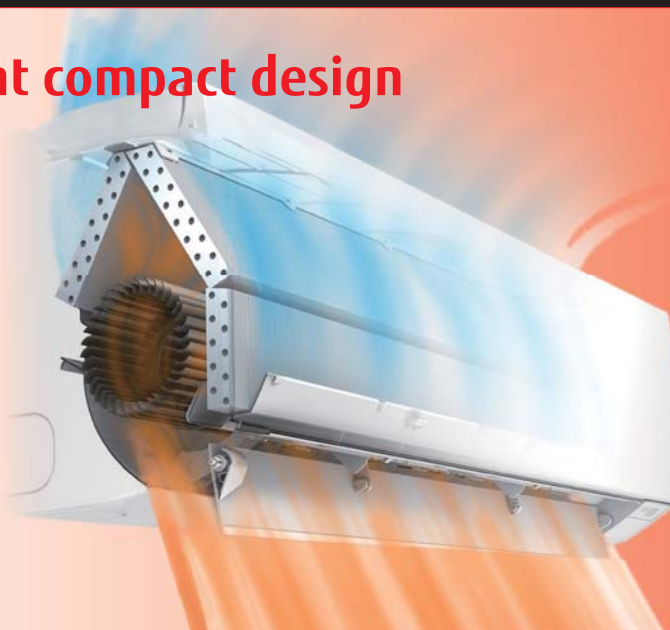
i  
i-PAM

ASYG09LLCE / ASYG12LLCE

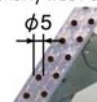


Point

## High efficient compact design



High density heat exchanger



Making the tube thin:  
**7 mm → 5 mm**

Increase of heat exchanger volume  
by high density and adopting sub  
heat exchanger



Even temperature

Improved heat exchanger  
effectiveness

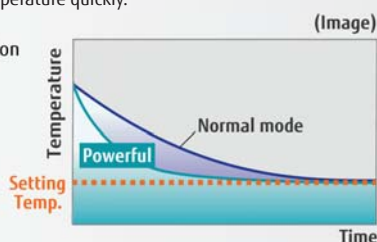
Point

## More Comfort airflow

### Powerful operation

Reach the setting temperature quickly.

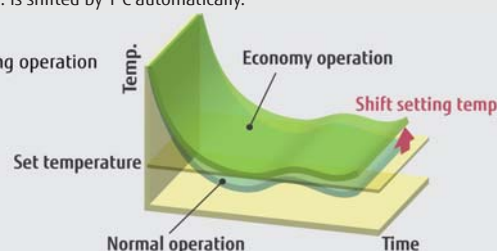
Ex. : Cooling operation



### Economy operation

Setting temp. is shifted by 1°C automatically.

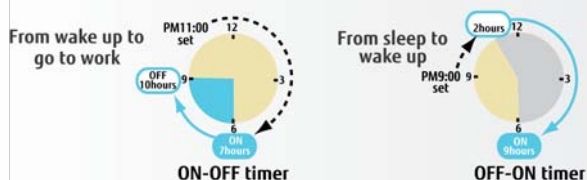
Ex. : Cooling operation



Point

## More Convenient 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)



Point

## Super Quiet Operation

Top class low noise operation by new airflow construction. Our quiet operation makes the more comfortable environment in a bed room and a study room, etc.

Fan speed  
**Quiet**

Noise level  
**22dB(A)**

## Model: ASYG09LLCE / ASYG12LLCE



Wireless RC



AOYG09/12LLCE

### Optional parts

Wireless Remote Control Holder : UTZ-RXLA

### Feature explanation



Economy mode



Automatic fan speed



Filter sign



Powerful mode



Auto restart



Washable panel



Auto-changeover



Sleep timer



Up / down swing flaps



Program timer

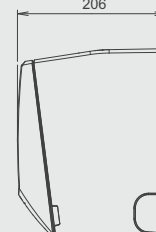
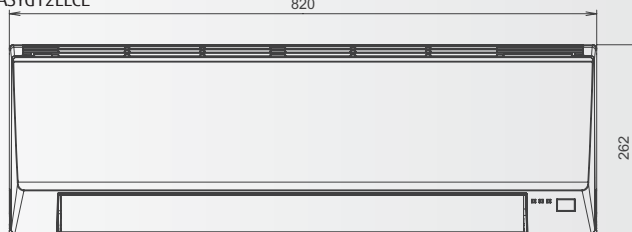
### Dimensions

Indoor unit : ASYG09LLCE / ASYG12LLCE

820

206

(Unit : mm)



### Specifications

Model No.	Indoor unit		ASYG09LLCE		ASYG12LLCE	
	Outdoor unit		AOYG09LLCE		AOYG12LLCE	
Power Source			Single-phase, ~230V,50Hz			
Nominal Capacity	Cooling	kW	2.5(0.9-3.0)		3.4(0.9-3.8)	
	Heating		3.0(0.9-3.8)		4.0(0.9-5.0)	
UK Total/Sensible Cooling*			2.42 / 1.59		3.29 / 2.14	
Power Consumption	Cooling/Heating	kW	0.730-0.740		1.080/1.130	
EER	Cooling	W/W	3.42		3.15	
COP	Heating		4.05		3.54	
Pdesign	Cooling/Heating(-10°C)	kW	2.50/2.30		3.40/3.20	
SEER	Cooling	W/W	6.90		6.60	
SCOP	Heating (Average)		4.00		3.80	
Energy Efficiency Class	Cooling		A++		A++	
	Heating (Average)		A+		A	
Annual Energy Consumption	Cooling	kWh/a	127		180	
	Heating		805		1,179	
Moisture Removal		I/h	1.30		1.80	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/38/33/22		43/38/33/22	
	Indoor (Heating)	H/M/L/Q	43/38/33/22		43/38/33/22	
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48		50/51	
	Indoor(Cooling/Heating)	High	59/60		59/60	
	Outdoor(Cooling/Heating)	High	61/61		65/65	
Airflow Rate	Indoor / Outdoor	High	m³/h	720/1,670	720/1,830	
Net Dimensions H x W x D Weight	Indoor	mm	262×820×206		262×820×206	
		kg	7.0		7.0	
	Outdoor	mm	535×663×293		535×663×293	
		kg	24		26	
Remote Controller Type			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size		Amp	10		10	
Max. Operating Current		Amp	6.00/7.50		6.50/9.00	
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)		Inch	3/8 & 1/4		3/8 & 1/4	
Max Pipe Length (Factory Gas Charge Pipe Length)		m	20(15)		20(15)	
Max Height Difference			15		15	
Refrigerant	Type	g	R410A		R410A	
	Charge		650		850	
	Additional Charge		20		20	
Operation Range	Cooling	°CDB	-10 to 43		-10 to 43	
	Heating		-15 to 24		-15 to 24	

Note: Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. UK 23°C Indoor and 30°C Outdoor.

Heating : Indoor temperature of 20°CDB / 15°CWB, and outdoor temperature of 7°CDB / 6°CWB. UK 20°C Indoor and 0°C Outdoor.

Pipe length : 5.0m

Height difference : 0m (Outdoor unit - Indoor unit)



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Certified number: 01 100 79269



ISO 14001  
Certified number: 01 100 79269



UKAS  
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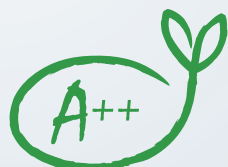
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Unit 150 Centennial Park, Centennial Avenue, Elstree, Herts. WD6 3SG  
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### Split Air Conditioner

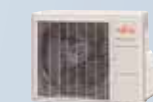
Model: ASYG07LMCA / ASYG09LMCA / ASYG12LMCA / ASYG14LMCA



All Models



Wireless R.C.



For ASYG07/09/12LMCA



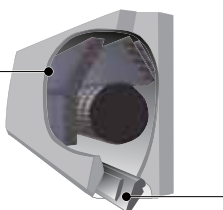
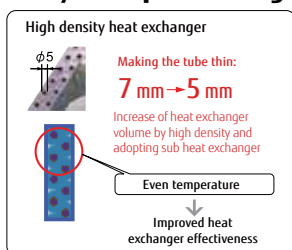
For ASYG14LMCA



## Wall Mounted LMCA Range

### Feature

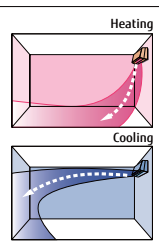
#### High Efficiency Compact Design



#### More comfort airflow

##### Power diffuser

Vertical airflow provides powerful floor level heating.

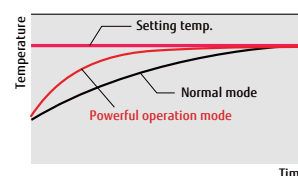


Horizontal airflow does not blow cool air directly at occupants in the room.

### Feature

#### Powerful operation

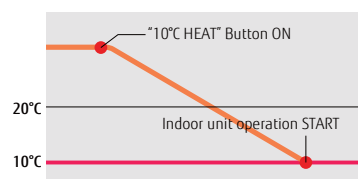
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



### Feature

#### 10°C HEAT operation

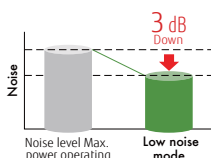
The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.



### Feature

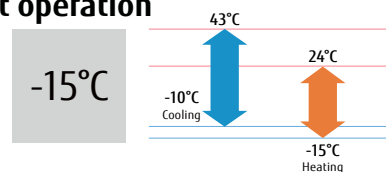
#### Low noise mode for outdoor unit

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



### Feature

#### Low ambient operation



## Optional parts

Wired Remote Controller:	UTYRVNYM	(Must use with Communication Kit below)
Simple Remote Controller:	UTYRSNYM	(Must use with Communication Kit below)
Communication Kit:	UTYXCBXZ2	
External Connect Kit	UTYXWZXZ5	
Modbus Interface	FJRCMB51	(Must use with Communication Kit above)
KNX Interface	FJRCKNX1i	(Must use with Communication Kit above)
WiFi Interface	FJRCWIFI1	(Must use with Communication Kit above)



## Feature explanation



### Economy mode

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



### Power diffuser

An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.



### Powerful mode

Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.



### 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

Sound noise level of outdoor unit can be selected.



### Auto-changeover

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



### Up/down swing flaps

The up/down flaps automatically swing up and down.



### Automatic fan speed

The micro-computer automatically adjusts the airflow 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 power supply is restored.



### Sleep timer

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



### 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.



### 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.

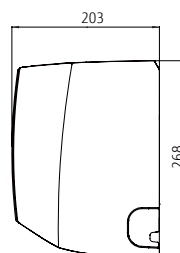
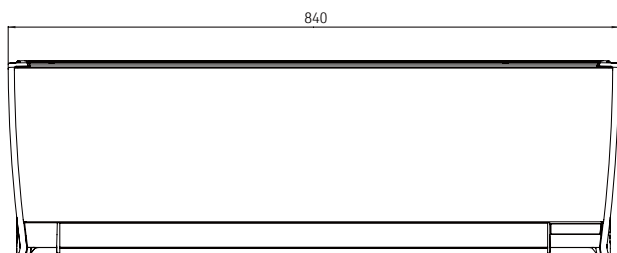


### Washable panel

Since the front panel is easy to remove, maintenance is also easy.

## Dimensions

(Unit : mm)



## Specifications

(TENTATIVE)

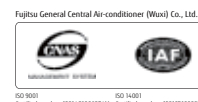
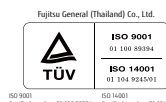
	Indoor	ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA
	Outdoor	AOYG07LMCA	AOYG09LMCA	AOYG12LMCA	AOYG14LMCA
Nominal Capacity (kW)	Cooling	2.00 (0.50-3.00)	2.50 (0.50-3.20)	3.40 (0.90-3.90)	4.00 (0.90-4.40)
	Heating	3.00 (0.50-3.40)	3.20 (0.50-4.00)	4.00 (0.90-5.30)	5.00 (0.90-6.00)
UK Total / Sensible Cooling *		1.94 / 1.30	2.42 / 1.59	3.30 / 2.14	3.52 / 2.52
Power Consumption (kW)	Cooling	0.47	0.65	0.97	1.14
	Heating	0.69	0.73	1.02	1.36
EER / COP (Nominal Conditions)		4.30 / 4.38	3.85 / 4.38	3.50 / 3.92	3.52 / 3.66
Pdesign (kW) @ -10°C	Cooling	2.00	2.50	3.40	4.00
	Heating	2.30	2.40	3.50	3.90
SEER	Cooling	6.80	7.00	7.00	6.90
SCOP	Heating (Average)	4.10	4.10	4.00	4.00
Energy Efficiency Class	Cooling	A++	A++	A++	A++
	Heating (Average)	A+	A+	A+	A+
Annual Energy Consumption (kWh/a)	Cooling	103	125	170	203
	Heating	786	820	1225	1365
Moisture Removal	l/h	1.00	1.30	1.80	2.10
Dimensions (HxWxD) mm	Inner	268x840x203	268x840x203	268x840x203	268x840x203
	Outer	535x663x293	535x663x293	535x663x293	540x790x290
Net Weight (kg)	Inner	9	9	9	9
	Outer	21	21	26	34
Room Air Circulation (high) m3/h	Inner	750	750	750	750
	Outer	1670	1670	1830	1800
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Power Supply To	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	2.50	3.20	4.60	5.30
	Heating	3.30	3.50	4.80	6.30
Starting Current	A	3.30	3.50	4.80	6.30
Suggested MCB/Fuse	A	10	10	10	10
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wireless	Wireless	Wireless	Wireless
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	21 / 32 / 40 / 43	21 / 32 / 40 / 43	21 / 32 / 40 / 43	25 / 33 / 40 / 44
	Outdoor H	45	45	50	49
Sound Power (dB(A) Cooling)	Indoor H	59	59	59	60
	Outdoor H	58	58	61	63
Max Pipe Length	m	20	20	20	20
Max Height Difference	m	15	15	15	15
Refrigerant Charge	m	15	15	15	15
Additional Refrigerant Charge	g/m	20	20	20	20
Pipe Size (inches)	Gas	3/8	3/8	3/8	1/2
	Liquid	1/4	1/4	1/4	1/4
Operating Range (OC)	Cooling	-10 ~ 43	-10 ~ 43	-10 ~ 43	-10 ~ 43
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A

Note

\*Cooling/heating capacities are based on the following conditions.

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C
---------	--

- Performance test is in accordance with EN14511
- Seasonal efficiency test is in accordance with EN14825
- Sound power test is in accordance with EN12102



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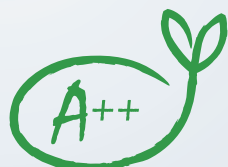
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### Split Air Conditioner

Model: ASYG07LMCA / ASYG09LMCA / ASYG12LMCA / ASYG14LMCA



All Models



Wireless R.C.



For ASYG07/09/12LMCA



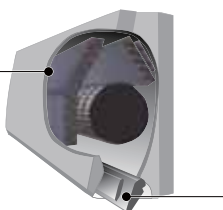
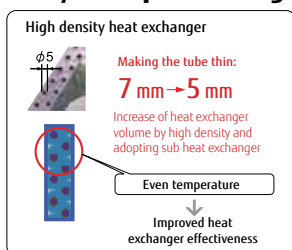
For ASYG14LMCA



## Wall Mounted LMCA Range

### Feature

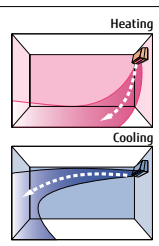
#### High Efficiency Compact Design



#### More comfort airflow

##### Power diffuser

Vertical airflow provides powerful floor level heating.

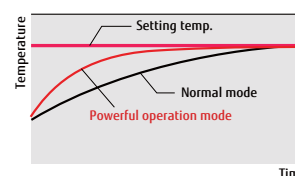


Horizontal airflow does not blow cool air directly at occupants in the room.

### Feature

#### Powerful operation

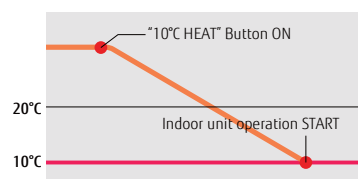
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



### Feature

#### 10°C HEAT operation

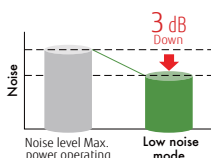
The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.



### Feature

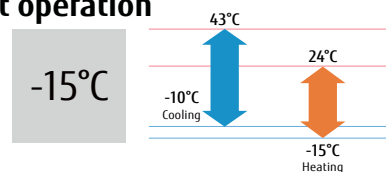
#### Low noise mode for outdoor unit

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



### Feature

#### Low ambient operation



## Optional parts

Wired Remote Controller:	UTYRVNYM	(Must use with Communication Kit below)
Simple Remote Controller:	UTYRSNYM	(Must use with Communication Kit below)
Communication Kit:	UTYXCBXZ2	
External Connect Kit	UTYXWZXZ5	
Modbus Interface	FJRCMB51	(Must use with Communication Kit above)
KNX Interface	FJRCKNX1i	(Must use with Communication Kit above)
WiFi Interface	FJRCWIFI1	(Must use with Communication Kit above)

## Feature explanation



### Economy mode

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



### Power diffuser

An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.



### Powerful mode

Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.



### 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

Sound noise level of outdoor unit can be selected.



### Auto-changeover

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



### Up/down swing flaps

The up/down flaps automatically swing up and down.



### Automatic fan speed

The micro-computer automatically adjusts the airflow 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 power supply is restored.



### Sleep timer

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



### 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.



### 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.

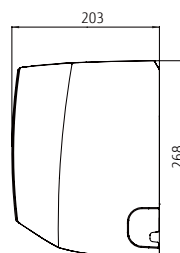
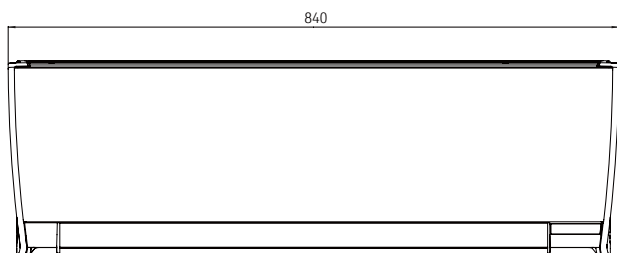


### Washable panel

Since the front panel is easy to remove, maintenance is also easy.

## Dimensions

(Unit : mm)



## Specifications

(TENTATIVE)

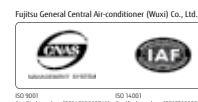
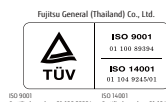
	Indoor	ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA
	Outdoor	AOYG07LMCA	AOYG09LMCA	AOYG12LMCA	AOYG14LMCA
Nominal Capacity (kW)	Cooling	2.00 (0.50-3.00)	2.50 (0.50-3.20)	3.40 (0.90-3.90)	4.00 (0.90-4.40)
	Heating	3.00 (0.50-3.40)	3.20 (0.50-4.00)	4.00 (0.90-5.30)	5.00 (0.90-6.00)
UK Total / Sensible Cooling *		1.94 / 1.30	2.42 / 1.59	3.30 / 2.14	3.52 / 2.52
Power Consumption (kW)	Cooling	0.47	0.65	0.97	1.14
	Heating	0.69	0.73	1.02	1.36
EER / COP (Nominal Conditions)		4.30 / 4.38	3.85 / 4.38	3.50 / 3.92	3.52 / 3.66
Pdesign (kW) @ -10°C	Cooling	2.00	2.50	3.40	4.00
	Heating	2.30	2.40	3.50	3.90
SEER	Cooling	6.80	7.00	7.00	6.90
SCOP	Heating (Average)	4.10	4.10	4.00	4.00
Energy Efficiency Class	Cooling	A++	A++	A++	A++
	Heating (Average)	A+	A+	A+	A+
Annual Energy Consumption (kWh/a)	Cooling	103	125	170	203
	Heating	786	820	1225	1365
Moisture Removal	l/h	1.00	1.30	1.80	2.10
Dimensions (HxWxD) mm	Inner	268x840x203	268x840x203	268x840x203	268x840x203
	Outer	535x663x293	535x663x293	535x663x293	540x790x290
Net Weight (kg)	Inner	9	9	9	9
	Outer	21	21	26	34
Room Air Circulation (high) m3/h	Inner	750	750	750	750
	Outer	1670	1670	1830	1800
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Power Supply To	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	2.50	3.20	4.60	5.30
	Heating	3.30	3.50	4.80	6.30
Starting Current	A	3.30	3.50	4.80	6.30
Suggested MCB/Fuse	A	10	10	10	10
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wireless	Wireless	Wireless	Wireless
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	21 / 32 / 40 / 43	21 / 32 / 40 / 43	21 / 32 / 40 / 43	25 / 33 / 40 / 44
	Outdoor H	45	45	50	49
Sound Power (dB(A) Cooling)	Indoor H	59	59	59	60
	Outdoor H	58	58	61	63
Max Pipe Length	m	20	20	20	20
Max Height Difference	m	15	15	15	15
Refrigerant Charge	m	15	15	15	15
Additional Refrigerant Charge	g/m	20	20	20	20
Pipe Size (inches)	Gas	3/8	3/8	3/8	1/2
	Liquid	1/4	1/4	1/4	1/4
Operating Range (OC)	Cooling	-10 ~ 43	-10 ~ 43	-10 ~ 43	-10 ~ 43
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A

Note

•Cooling/heating capacities are based on the following conditions.

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C
---------	--

- Performance test is in accordance with EN14511
- Seasonal efficiency test is in accordance with EN14825
- Sound power test is in accordance with EN12102



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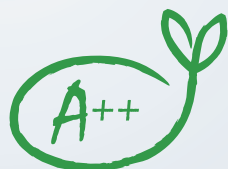
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### Split Air Conditioner

Model: ASYG07LUCA / ASYG09LUCA / ASYG12LUCA / ASYG14LUCA



Wireless R.C.



For ASYG07/09LUCA



For ASYG12/14LUCA



reddot design award  
winner 2012

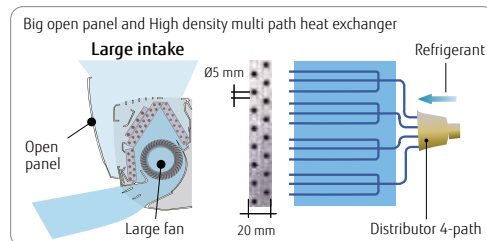


## Wall Mounted LU Range

### Feature

#### Thin & Slim Design

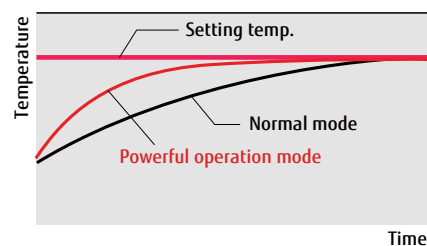
Thin and slim design is realized by Ø5-mm heat exchanger and high efficiency wind blower.



### Feature

#### Powerful operation

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



### Feature

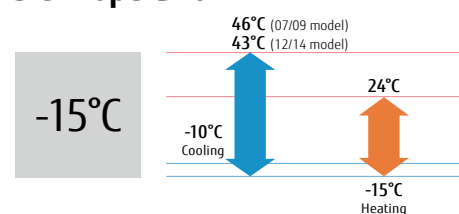
#### 3 Mode timer (Weekly/Program/Sleep)

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.



### Feature

#### Low ambient operation



## Optional parts

Wired Remote Controller: UTYRVNYM  
Simple Remote Controller: UTYRSNYM  
External Connect Kit: UTYXWZXZ5  
Communication Kit: UTYTWBXF  
Modbus Interface: FJRCMB51  
KNX Interface: FJRCKNX1i  
WiFi Interface: FJRCWIFI1

(Must use with Communication Kit below)  
(Must use with Communication Kit below)  
(Must use with Communication Kit below)

(Must use with Communication Kit above)  
(Must use with Communication Kit above)  
(Must use with Communication Kit above)

## Feature explanation



### Save human sensor

Human sensor detects the movement of people in the room and judges whether the energy saving operation.



### Powerful mode

Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.



### 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

Sound noise level of outdoor unit can be selected.



### Auto-changeover

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



### Up/down swing flaps

The up/down flaps automatically swing up and down.



### Automatic fan speed

The micro-computer automatically adjusts the airflow 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 power supply is restored.



### Sleep timer

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



### Program timer

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



### Weekly timer

Different ON-OFF times can be set for each day.



### Filter sign

Indicates the filter cleaning period by lamp.



### Ion deodorization filter

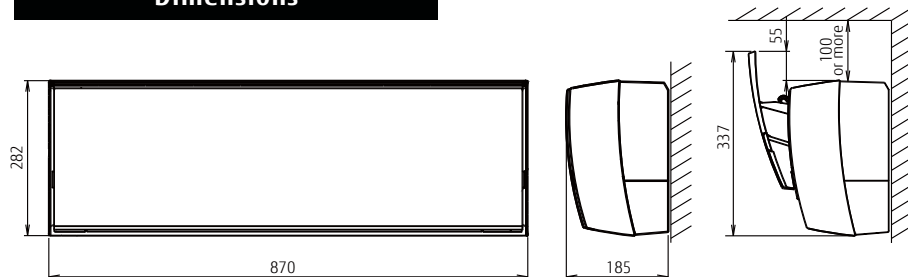
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.



### Apple-catechin filter

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

## Dimensions



(Unit : mm)

## Specifications

(TENTATIVE)

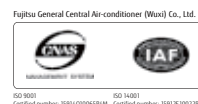
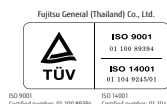
	Indoor	ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
	Outdoor	AOYG07LUCA	AOYG09LUCB	AOYG12LUC	AOYG14LUC
Nominal Capacity (kW)		Cooling 2.00 (0.50-3.00)	2.50 (0.50-3.20)	3.50 (0.90-4.00)	4.20 (0.90-5.00)
		Heating 3.00 (0.50-4.00)	3.20 (0.50-4.20)	4.00 (0.90-5.60)	5.40 (0.90-6.00)
UK Total / Sensible Cooling *		1.94 / 1.30	2.42 / 1.59	3.40 / 2.24	4.07 / 2.73
Power Consumption (kW)		Cooling 0.46	0.55	0.91	1.24
		Heating 0.66	0.68	0.93	1.38
EER / COP (Nominal Conditions)		4.35 / 4.55	4.50 / 4.71	3.87 / 4.30	3.40 / 3.91
Pdesign (kW) @ -10°C		Cooling 2.00	2.50	3.50	4.20
		Heating 2.60	2.80	3.90	4.80
SEER		Cooling 7.20	7.10	7.05	6.78
SCOP		Heating (Average) 4.10	4.10	4.00	4.00
Energy Efficiency Class		Cooling A++	A++	A++	A++
		Heating (Average) A+	A+	A+	A+
Annual Energy Consumption (kWh/a)		Cooling 97	123	174	217
		Heating 887	956	1363	1677
Moisture Removal		l/h 1.00	1.30	1.80	2.10
Dimensions (HxWxD) mm		Inner 282x870x185	282x870x185	282x870x185	282x870x185
		Outer 540x660x290	540x660x290	540x790x290	540x790x290
Net Weight (kg)		Inner 10	10	10	10
		Outer 23	25	33	34
Room Air Circulation (high) m3/h		Inner 680	800	850	900
		Outer 1720	1720	1940	1940
Power Supply		V-PH-Hz 230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)		Cooling 2.60	3.10	4.60	5.80
		Heating 3.40	3.40	4.70	6.30
Starting Current		A 3.40	3.40	4.70	6.30
Suggested MCB/Fuse		A 10	10	10	10
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wireless	Wireless	Wireless	Wireless
Sound Pressure (dB(A) Cooling)		Indoor Q/L/M/H 21 / 31 / 35 / 38	21 / 32 / 36 / 42	21 / 32 / 37 / 43	25 / 33 / 40 / 45
		Outdoor H 46	48	50	50
Sound Power (dB(A) Cooling)		Indoor H 57	59	60	60
		Outdoor H 58	60	65	65
Max Pipe Length		m 20	20	20	20
Max Height Difference		m 15	15	15	15
Refrigerant Charge		m 15	15	15	15
Additional Refrigerant Charge		g/m 20	20	20	20
Pipe Size (inches)		Gas 3/8	3/8	3/8	1/2
		Liquid 1/4	1/4	1/4	1/4
Operating Range (OC)		Cooling -10 ~ 46	-10 ~ 46	-10 ~ 43	-10 ~ 43
		Heating -15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A

### Note

- Cooling/heating capacities are based on the following conditions.

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C
---------	--

- Performance test is in accordance with EN14511
- Seasonal efficiency test is in accordance with EN14825
- Sound power test is in accordance with EN12102



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# Wall Mounted

Standard Range  
High Efficiency & Comfort

Refrigerant  
**R410A**  
**INVERTER**

ALL  
DC

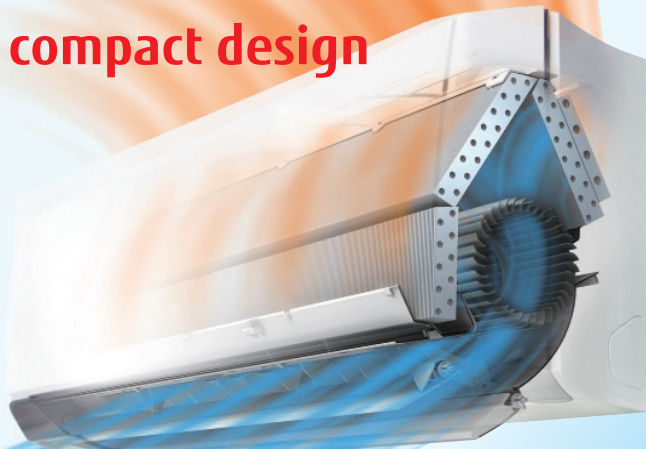
i  
i-PAM

ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE

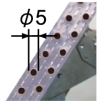


Point

## High efficient compact design

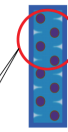


High density heat exchanger



Making the tube thin:  
**7 mm → 5 mm**

Increase of heat exchanger volume  
by high density and adopting sub  
heat exchanger

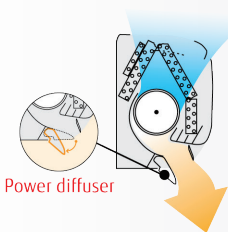


Even temperature

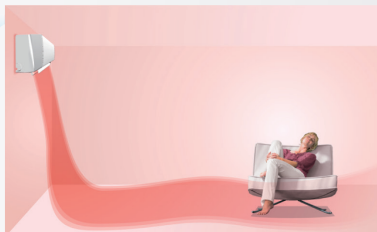
Improved heat exchanger  
effectiveness

Point

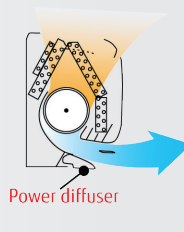
## More Comfort airflow



Power diffuser



Vertical airflow provides powerful floor level heating



Power diffuser

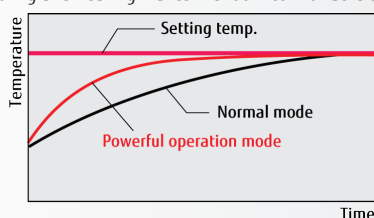


Horizontal airflow does not blow cool air directly at the occupants in the room.

Point

## Powerful operation

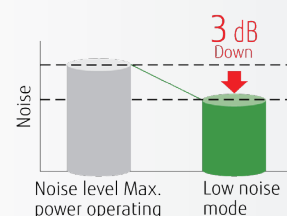
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible.  
Rapid cooling and heating makes the room comfortable quickly.



Point

## Low noise mode for outdoor unit

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



# Model: ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE



Wireless RC



AOYG07/09/12LMCE



AOYG14LMCE

## Optional parts

Wired Remote Controller: UTY-RVNYM  
Simple Remote Controller: UTY-RSNYM  
Communication kit: UTY-XCBX22

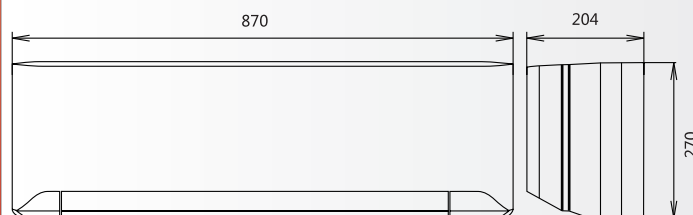
## Feature explanation

<b>Economy mode</b>	<b>Auto-changeover</b>	<b>Program timer</b>
<b>Power diffuser</b>	<b>Up/down swing flaps</b>	<b>Filter sign</b>
<b>Powerful mode</b>	<b>Automatic fan speed</b>	<b>Ion deodorization filter</b>
<b>10°C HEAT operation</b>	<b>Auto restart</b>	<b>Apple-catechin filter</b>
<b>Low noise mode</b>	<b>Sleep timer</b>	<b>Washable panel</b>

## Dimensions

Indoor unit : ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE

(Unit : mm)



## Specifications

Model No.	Indoor unit		ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
	Outdoor unit		AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE
Power Source			Single-phase, ~230V, 50Hz			
Nominal Capacity	Cooling	kW	2.0(0.5-3.0)	2.5(0.5-3.2)	3.4(0.9-3.9)	4.0(0.9-4.4)
	Heating		3.0(0.5-3.4)	3.2(0.5-4.0)	4.0(0.9-5.3)	5.0(0.9-6.0)
UK Total/Sensible Cooling			1.94/1.30	2.42/1.59	3.30/2.14	3.87/2.52
Power Consumption	Cooling/Heating	kW	0.465/0.685	0.65/0.73	0.97/1.02	1.135/1.365
EER	Cooling		4.30	3.85	3.50	3.52
COP	Heating	W/W	4.38	4.38	3.92	3.66
Pdesign	Cooling/Heating(-10°C)	kW	2.00/2.30	2.50/2.40	3.40/3.50	4.00/3.90
SEER	Cooling		6.80	7.00	7.00	6.90
SCOP	Heating (Average)	W/W	4.10	4.10	4.00	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Annual Energy Consumption	Cooling	kWh/a	103	125	170	203
	Heating		786	820	1225	1365
Moisture Removal		l/h	1.00	1.30	1.80	2.10
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/40/32/21	43/40/32/21	43/40/32/21	44/40/33/25
	Indoor (Heating)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22	44/40/35/27
	Outdoor(Cooling/Heating)	High	45/45	45/45	50/50	50/50
Sound Power Level	Indoor(Cooling/Heating)	High	59/59	59/59	59/59	60/60
	Outdoor(Cooling/Heating)	High	58/56	58/56	61/61	65/65
Airflow Rate	Indoor / Outdoor	m³/h	750/1670	750/1670	750/1830	750/1800
Net Dimensions H x W x D	Indoor	mm	270×870×204	270×870×204	270×870×204	270×870×204
		kg	8.5	8.5	8.5	8.5
Weight	Outdoor	mm	535×663×293	535×663×293	535×663×293	540×790×290
		kg	21	21	26	34
Remote Controller Type			Wireless	Wireless	Wireless	Wireless
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size		Amp	10	10	10	10
Max. Operating Current	Cooling/Heating	Amp	6.00/7.50	6.00/7.50	6.50/9.00	9.00/10.50
Starting Current		Amp	3.30	3.50	4.80	6.30
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)		Inch	3/8 & 1/4	3/8 & 1/4	3/8 & 1/4	1/2 & 1/4
Max Pipe Length (Factory Gas Charge Pipe Length)		m	20(15)	20(15)	20(15)	20(15)
Max Height Difference			15	15	15	15
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charge	g	700	700	850	1050
	Additional Charge	g/m	20	20	20	20
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24

Note: Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB, and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5.0m

Height difference : 0m (Outdoor unit - Indoor unit)



Fujitsu General (Shanghai) Co., Ltd.



ISO 9001  
Certified number: 01 100 79269



ISO 14001  
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UKAS  
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• Specifications and design are subject to change without notice for further improvement.

• Actual products' colors may be different from the colors shown in this printed material.

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