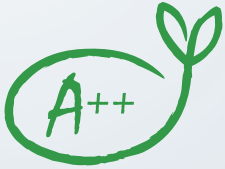


Model: ASYG07LUCA / ASYG09LUCA / ASYG12LUCA / ASYG14LUCA



Wireless R.C.



For ASYG07/09LUCA



For ASYG12/14LUCA



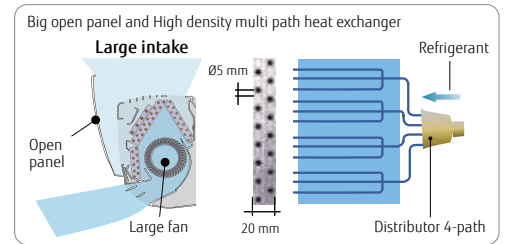
reddot design award winner 2012



Wall Mounted LU Range

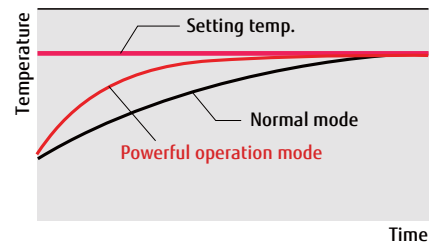
Feature Thin & Slim Design

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.

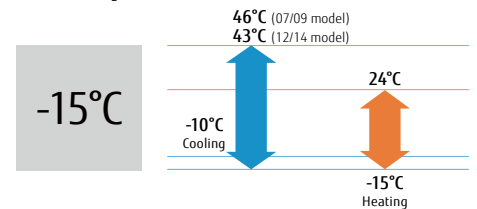


Feature 3 Mode timer (Weekly/Program/Sleep)

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



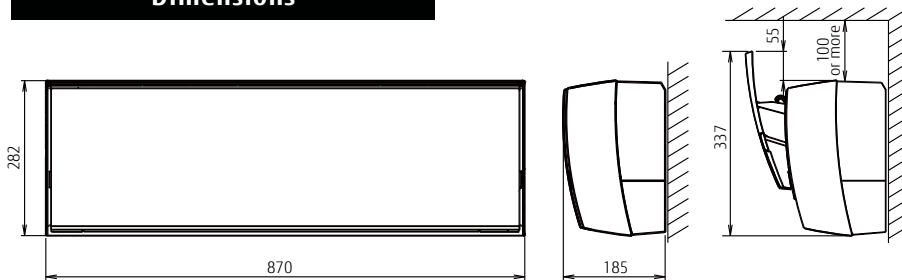
Optional parts

Wired Remote Controller:	UTYRVNYM	(Must use with Communication Kit below)
Simple Remote Controller:	UTYRSNYM	(Must use with Communication Kit below)
External Connect Kit	UTYXWZXZ5	(Must use with Communication Kit below)
Communication Kit:	UTYTWBXF	
Modbus Interface	FJRCMBS1	(Must use with Communication Kit above)
KNX Interface	FJRCKNX1i	(Must use with Communication Kit above)
WiFi Interface	FJRCWIF1	(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	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
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- Performance test is in accordance with EN14511
- Seasonal efficiency test is in accordance with EN14825
- Sound power test is in accordance with EN12102



- Specifications and design are subject to change without notice for further improvement.
- Actual products' colours may be different from the colours shown in this printed material.

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