FUJITSU

AIR CONDITIONING

Model: ASYG09LTCA / ASYG12LTCA

ALL DC | i-PAM

Wireless R.C.

For ASYG09LTCA

For ASYG12LTCA

A+++

iF product design award 2012 | GOOD DESIGN | reddot design award winner 2012

Save | Economy | Heating | Powerful | 10℃ HEAT | LowNoise | Auto Changeover | Up/Down | Adjust | Restart | Sleep | Program | Weekly | Filter | ION | AF
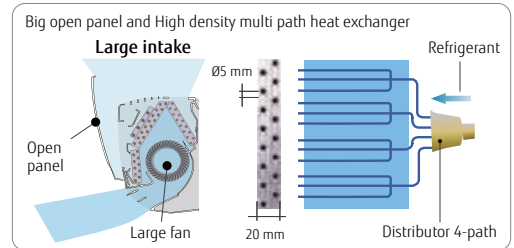
Wall Mounted LT Range

Feature — Thin & Slim Design

Thin and slim design is realized by high density multi-path heat exchanger and high efficiency wind blower.

H282 X W870 X D185

185 mm

Big open panel and High density multi path heat exchanger

Large intake

Ø5 mm

Refrigerant

Open panel

Large fan

20 mm

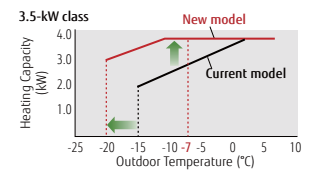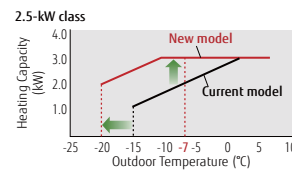Distributor 4-path

Feature — 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.

90° | 6 m

100° | 6 m

Feature — Powerful heating

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.

2.5-kW class

New model

Heating Capacity (kW) | 4.0 3.0 2.0 1.0

Current model

-25 -20 -15 -10 -7 -5 0 5 10
Outdoor Temperature (℃)

3.5-kW class

New model

Heating Capacity (kW) | 4.0 3.0 2.0 1.0

Current model

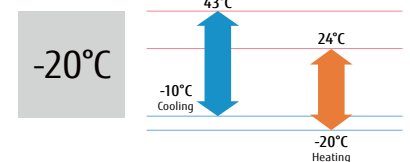-25 -20 -15 -10 -7 -5 0 5 10
Outdoor Temperature (℃)

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

-20℃

43℃

24℃

-10℃ Cooling

-20℃ Heating

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	FJRCWIFI1	(Must use with Communication Kit above)

FUJITSU GENERAL AIR CONDITIONING (UK)

Feature explanation

Save 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 heating
Keeping the rated heating capacity even when the outdoor ambient temperature is -7℃.

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

10℃ HEAT operation
The room temperature can be set to go no lower than 10℃, 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.

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
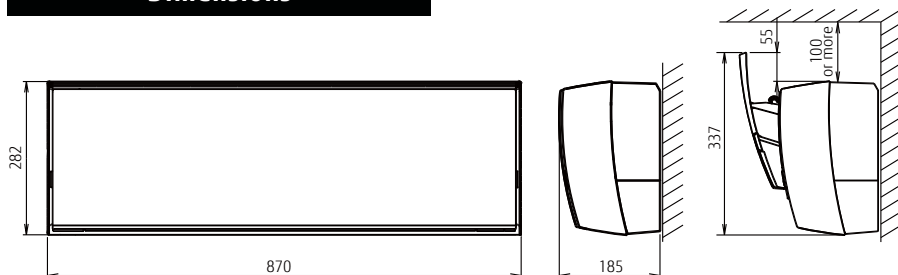Indicates the filter cleaning period by lamp.

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)
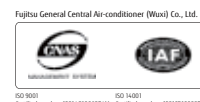
	Indoor	ASYG09LTCA	ASYG12LTCA
	Outdoor	AOYG09LTC	AOYG12LTC
Nominal Capacity (kW)	Cooling	2.50 (0.90-3.50)	3.50 (1.10-4.00)
	Heating	3.20 (0.90-5.40)	4.00 (0.90-6.50)
UK Total / Sensible Cooling *		2.42 / 1.59	3.40 / 2.24
Power Consumption (kW)	Cooling	0.55	0.85
	Heating	0.66	0.91
EER / COP (Nominal Conditions)		4.95 / 4.85	4.12 / 4.40
Pdesign (kW) @ -10℃	Cooling	2.50	3.50
	Heating	3.00	4.00
SEER	Cooling	8.50	8.50
SCOP	Heating (Average)	4.60	4.60
Energy Efficiency Class	Cooling	A+++	A+++
	Heating (Average)	A++	A++
Annual Energy Consumption (kWh/a)	Cooling	103	144
	Heating	912	1217
Moisture Removal	l/h	1.30	1.80
Dimensions (HxWxD) mm	Inner	282x870x185	282x870x185
	Outer	540x790x290	620x790x290
Net Weight (kg)	Inner	10	10
	Outer	33	40
Room Air Circulation (high) m3/h	Inner	800	850
	Outer	1700	2050
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50
Power Supply To		Outdoor	Outdoor
Running Current (A)	Cooling	2.60	4.00
	Heating	3.30	4.30
Starting Current	A	3.30	4.30
Suggested MCB/Fuse	A	10	10
Interconnecting Cable		3 + E	3 + E
Remote Control Type		Wireless	Wireless
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	21 / 32 / 36 / 42	21 / 32 / 37 / 43
	Outdoor H	48	48
Sound Power (dB(A) Cooling)	Indoor H	59	60
	Outdoor H	63	64
Max Pipe Length	m	20	20
Max Height Difference	m	15	15
Refrigerant Charge	m	15	15
Additional Refrigerant Charge	g/m	20	20
Pipe Size (inches)	Gas	3/8	3/8
	Liquid	1/4	1/4
Operating Range (OC)	Cooling	-10 ~ 43	-10 ~ 43
	Heating	-20 ~24	-20 ~24
Refrigerant		R410A	R410A

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

Cooling	Indoor temperature 23℃DB / 16℃CWB Outdoor temperature 30℃

• Performance test is in accordance with EN14511
• Seasonal efficiency test is on 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.

Distributed by :

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