

Wall Mounted

Standard Range
High Efficiency & Comfort

Refrigerant
R410A
INVERTER

ALL
DC

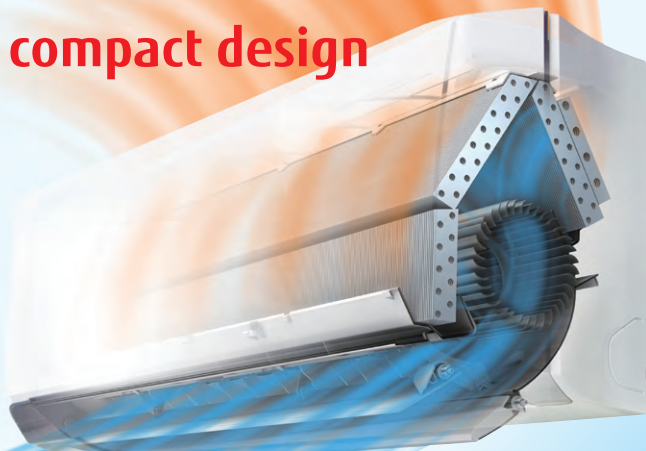
i
i-PAM

ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE



Point

High efficient compact design

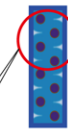


High density heat exchanger



Making the tube thin:
7 mm → 5 mm

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

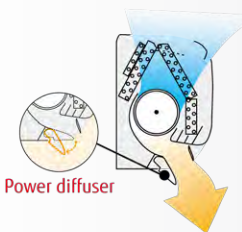


Even temperature

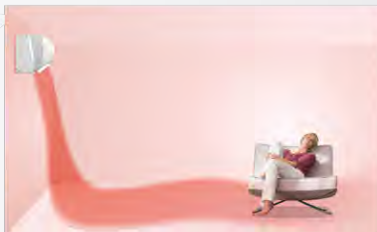
Improved heat exchanger
effectiveness

Point

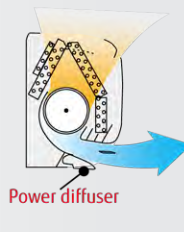
More Comfort airflow



Power diffuser



Vertical airflow provides powerful floor level heating



Power diffuser

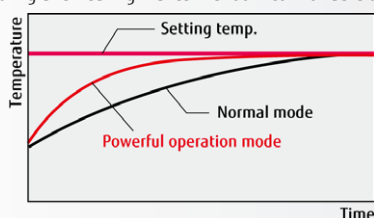


Horizontal airflow does not blow cool air directly at the occupants in the room.

Point

Powerful operation

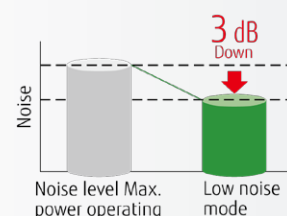
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible.
Rapid cooling and heating makes the room comfortable quickly.



Point

Low noise mode for outdoor unit

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





Wireless RC



AOYG07/09/12LMCE



AOYG14LMCE

Optional parts

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

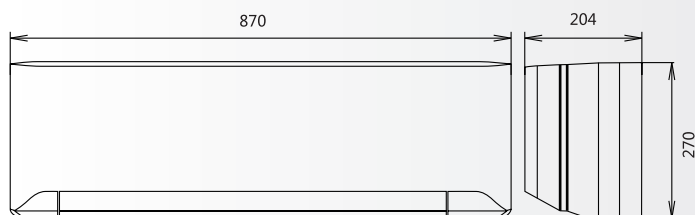
Feature explanation

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

Dimensions

Indoor unit : ASYG07LMCE / ASYG09LMCE /
ASYG12LMCE / ASYG14LMCE

(Unit : mm)



Specifications

Model No.	Indoor unit	Outdoor unit	ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
			AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE
Power Source			Single-phase, ~230V, 50Hz			
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	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	0.465/0.685	0.65/0.73	0.97/1.02	1.135/1.365
EER	Cooling	W/W	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	2.0/2.3	2.5/2.4	3.4/3.5	4.0/3.9
SEER	Cooling	W/W	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+
Max. Operating Current	Cooling / Heating	A	6.0/7.5	6.0/7.5	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	103	125	170	203
	Heating	kWh/a	786	820	1225	1365
Moisture Removal		l/h	1.0	1.3	1.8	2.1
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	High	750/1670	750/1670	750/1830	750/1800
Net Dimensions	Indoor	mm	270×870×204	270×870×204	270×870×204	270×870×204
H×W×D		kg(lbs)	8.5(19)	8.5(19)	8.5(19)	8.5(19)
Weight	Outdoor	mm	535×663×293	535×663×293	535×663×293	540×790×290
		kg(lbs)	21(46)	21(46)	26(57)	34(75)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
Drain hose Diameter (I.D. / O.D.)		mm	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	°C DB	-10 to 43	-10 to 43	-10 to 43	-10 to 43
	Heating	°C DB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A(2,088)	R410A(2,088)	R410A(2,088)	R410A(2,088)
	Charge	kg(CO2eq-T)	0.7(1.5)	0.7(1.5)	0.85(1.8)	1.05(2.2)

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)

• 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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