

Floor Mounted

Indoor unit / Outdoor unit
 AGYG09KVCA / AOYG09KVCA
 AGYG12KVCA / AOYG12KVCA
 AGYG14KVCA / AOYG14KVCA



AGYG09KVCA

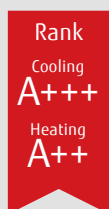


AOYG09KVCA



High energy saving

New floor 09 class achieves SEER 8.50 and rank of A+++ on seasonal efficiency for cooling. New floor 09 class achieves an improved SCOP of 4.30 and rank A+ seasonal efficiency for heating.

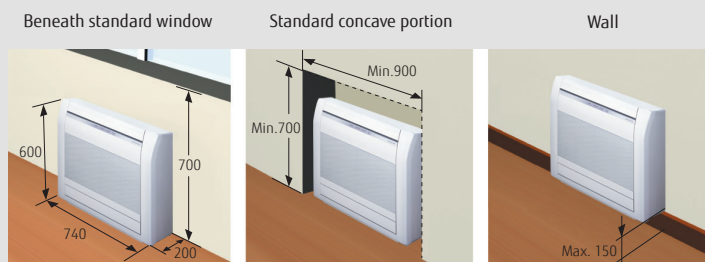


SEER
8.5^{*}
 SCOP
4.3^{*}

^{*}Based on 09 model

Flexible & easy installation

Due to compact and whole surface suction method model, floor, concealed, half concealed, or wall mounted installation can be available to match the room layout.

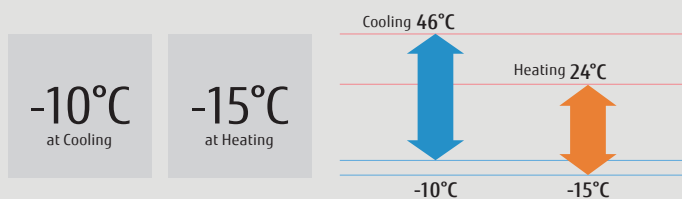


^{*}Concaved position installation with conceal will void warranty



Low Ambient Operation

Factory guaranteed cooling operation down to -10°C outside temperature.



Smart Device Control (Option)

This model can be controlled from anywhere using smart device by installing optional wireless LAN interface. Wireless LAN interface can be installed easily without specialized installation work.

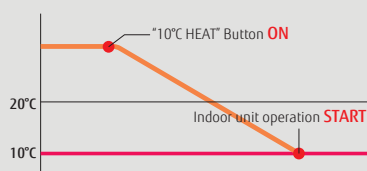


AGYG09KVCA



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.



Handheld Remote Control



Wireless R.C.



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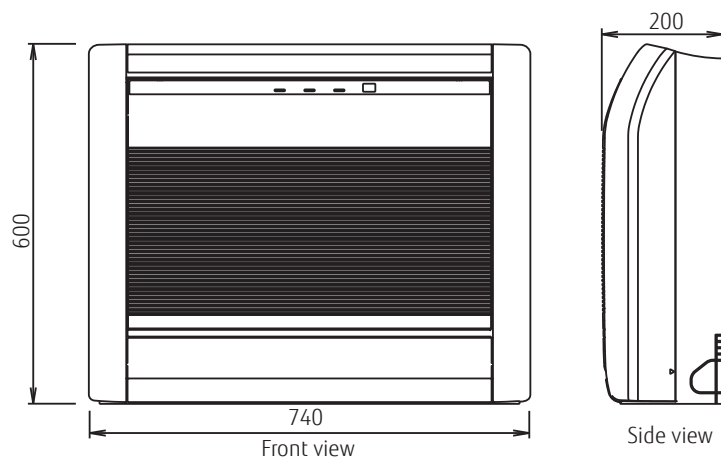
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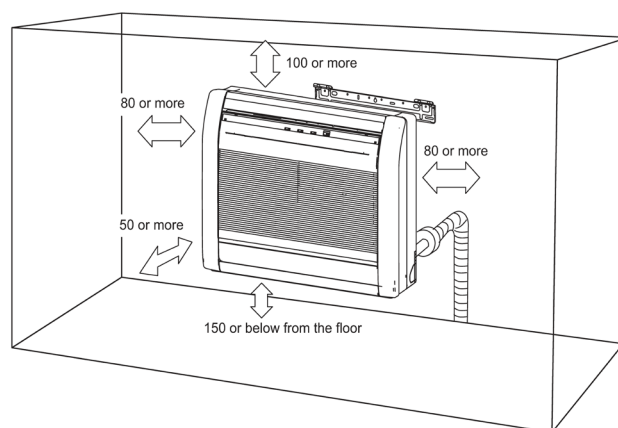
Dimensions

Front and side view



Installation Space

(Unit : mm)



Specifications

Model No.	Indoor unit		AGYG09KVCA	AGYG12KVCA	AGYG14KVCA
	Outdoor unit		AOYG09KVCA	AOYG12KVCA	AOYG14KVCA
Power Source			Single phase, ~230V, 50Hz		
Recommended Fuse Size			16Amp	16Amp	16Amp
Capacity	Cooling	kW	2.5 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.2)
	Heating		3.5 (0.9-5.1)	4.5 (0.9-5.3)	5.2 (0.9-6.3)
Input Power	Cooling/Heating	kW	0.53/0.81	0.88/1.22	1.06/1.41
EER	Cooling		4.70	4.00	3.95
COP	Heating	W/W	4.30	3.70	3.70
Pdesign	Cooling/Heating(-10°C)	kW	2.50/2.60	3.50/3.50	4.20/4.20
SEER	Cooling		8.50	8.20	8.10
SCOP	Heating (Average)	W/W	4.30	4.10	4.00
Energy Efficiency Class	Cooling		A+++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	7.0/8.5	7.0/8.5	11.0/12.0
Annual Energy Consumption	Cooling	kWh/a	103	149	181
	Heating (Average)		845	1,192	1,466
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/35/29/22	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/M/L/Q	41/35/29/22	41/35/29/22	43/37/29/22
	Outdoor(Cooling/Heating)	High	43/47	45/51	51/50
Sound Power Level	Indoor(Cooling/Heating)	High	53/54	53/54	57/56
	Outdoor(Cooling/Heating)	High	58/61	61/64	63/63
Airflow Rate	Indoor / Outdoor (Cooling)	High	570/1,530	570/1,530	650/2,210
	Indoor / Outdoor (Heating)	High	600/1,510	600/1,510	650/2,100
Net Dimensions	Indoor	mm	600 × 740 × 200	600 × 740 × 200	600 × 740 × 200
H x W x D	Outdoor	mm	542 × 799 × 290	542 × 799 × 290	632 × 799 × 290
Weight	Indoor	kg(lbs)	14(31)	14(31)	14(31)
	Outdoor	kg(lbs)	31(68)	31(68)	38(83)
Connection Pipe Diameter (Liquid / Gas)		in	1/4 and 3/8	1/4 and 3/8	1/4 and 3/8
Max. Pipe Length (Pre-Charge)			20 (15)	20 (15)	20 (15)
Additional charge (grams) per meter		m	20g	20g	20g
Max. Height Difference			15	15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.85 (0.574)	0.85 (0.574)	0.94 (0.635)

*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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