

Floor

Compact & Comfort



Model: AGHG09KVCA / AGHG12KVCA / AGHG14KVCA



Specifications

Model No.	Indoor unit		AGHG09KVCA	AGHG12KVCA	AGHG14KVCA
	Outdoor unit		AOHG09KVCA	AOHG12KVCA	AOHG14KVCA
Power Source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.5 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.2)
	Heating	kW	3.5 (0.9-5.1)	4.5 (0.9-5.3)	5.2 (0.9-6.3)
Input Power	Cooling/Heating		0.53/0.81	0.88/1.22	1.06/1.41
	Cooling	W/W	4.70	4.00	3.95
EER	Cooling		4.70	4.00	3.95
	Heating		4.30	3.70	3.70
Pdesign	Cooling/Heating(-10°C)		2.50/2.60	3.50/3.50	4.20/4.20
	Cooling	W/W	8.50	8.20	8.10
SEER	Cooling		8.50	8.20	8.10
	Heating (Average)		4.30	4.10	4.00
SCOP	Heating (Average)		4.30	4.10	4.00
	Cooling		A+++	A++	A++
Energy Efficiency Class	Heating (Average)		A+	A+	A+
	Max. Operating Current	Cooling/Heating	A	7.0/8.5	11.0/12.0
Annual Energy Consumption	Cooling	kWh/a	103	149	181
	Heating (Average)	kWh/a	845	1,192	1,466
Moisture Removal			l/h	1.8	2.1
	Indoor (Cooling)	H/M/L/Q	40/35/29/22	40/35/29/22	44/38/31/22
Sound Pressure Level	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 H x W x D	Indoor	mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
	Outdoor	mm	542 x 799 x 290	542 x 799 x 290	632 x 799 x 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)			mm	6.35/9.52	6.35/9.52
Drain hose Diameter (I.D./O.D.)			mm	13.8 / 15.8 to 16.7	13.8 / 15.8 to 16.7
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)
Max. Height Difference				15	15
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-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)

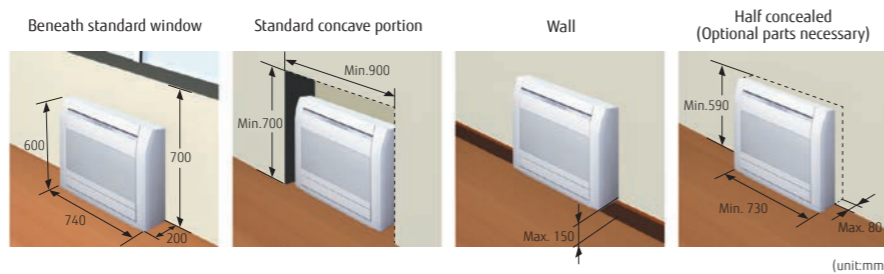
High energy saving

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



Flexible & easy installation

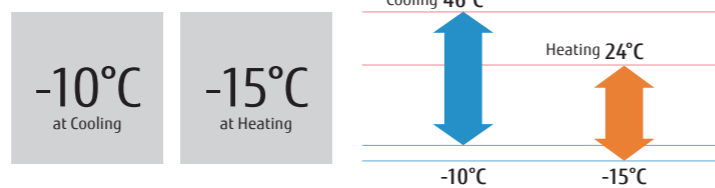
Due to compact and whole surface suction method model, floor, concealed, half concealed, or wall mounted installation can be available to match the room layout.



*Concaved position installation with conceal is prohibited.

Low ambient operation

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



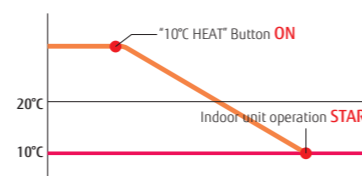
Smart device Control (Option)

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.



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.



Optional parts

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-046.

Compact Wired Remote Controller:	UTY-RCRGZ1	Simple Remote Controller:	UTY-RSRG	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRGZ3	External Switch Controller:	UTY-TERX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRG	Wireless LAN Interface:	UTY-TFSXZ1	Communication Kit:	UTY-TWRXZ3
Simple Remote Controller (Without operation mode):	UTY-RHRG	Half Concealed Kit:	UTR-STA	External connect kit	UTY-XWZXZ5

Dimensions

(Unit : mm)

