

Specifications

	Indoor	AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
	Outdoor	AOYG09LVCA	AOYG12LVCA	AOYG14LVCA
Nominal Capacity (kW)	Cooling	2.60 (0.90-3.50)	3.50 (0.90-4.00)	4.20 (0.90-5.00)
	Heating	3.50 (0.90-5.50)	4.50 (0.90-6.60)	5.20 (0.90-8.00)
UK Total / Sensible Cooling *		2.49 / 2.24	3.36 / 2.59	4.03 / 2.92
Power Consumption (kW)	Cooling	0.53	0.94	1.14
	Heating	0.79	1.19	1.44
EER / COP (Nominal Conditions)		4.91 / 4.43	3.72 / 3.78	3.68 / 3.61
Pdesign (kW) @ -10°C	Cooling	2.60	3.50	4.20
	Heating	2.90	3.80	4.70
SEER	Cooling	7.00	6.50	6.40
SCOP	Heating (Average)	4.20	4.00	4.00
Energy Efficiency Class	Cooling	A++	A++	A++
	Heating (Average)	A+	A+	A+
Annual Energy Consumption (kWh/a)	Cooling	130	188	230
	Heating	967	1330	1645
Moisture Removal	l/h	1.30	1.80	2.10
Dimensions (HxWxD) mm	Inner	600x740x200	600x740x200	600x740x200
	Outer	540x790x290	540x790x290	578x790x300
Net Weight (kg)	Inner	14	14	14
	Outer	36	36	40
Room Air Circulation (high) m3/h	Inner	570	570	650
	Outer	1680	1680	1910
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Power Supply To	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	2.60	4.40	5.20
	Heating	3.80	5.50	6.40
Starting Current	A	3.80	5.50	6.40
Suggested MCB/Fuse	A	10	10	10
Interconnecting Cable		3 + E	3 + E	3 + E
Remote Control Type		Wireless	Wireless	Wireless
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	22 / 29 / 35 / 40	22 / 29 / 35 / 40	22 / 31 / 38 / 44
	Outdoor H	47	48	50
Sound Power (dB(A) Cooling)	Indoor H	55	55	58
	Outdoor H	64	64	65
Max Pipe Length	m	20	20	20
Max Height Difference	m	15	15	15
Refrigerant Charge	m	15	15	15
Additional Refrigerant Charge	g/m	20	20	20
Pipe Size (inches)	Gas	3/8 (9.52mm)	3/8 (9.52mm)	1/2 (12.7mm)
	Liquid	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)
Operating Range *CDB	Cooling	-10 ~ 43	-10 ~ 43	-10 ~ 43
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A
System List Price	€	1124	1238	1423

Outdoor Units

Specifications

	Indoor	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	AUYG24LVLA
	Outdoor	AOYG12LALL	AOYG14LALL	AOYG18LALL	AOYG24LALA
Nominal Capacity (kW)	Cooling	3.50 (0.90-4.40)	4.30 (0.90-5.40)	5.20 (0.90-5.90)	6.80 (0.90-8.00)
	Heating	4.10 (0.90-5.70)	5.00 (0.90-6.50)	6.00 (0.90-7.50)	8.00 (0.90-9.10)
UK Total / Sensible Cooling *		3.46 / 2.37	3.96 / 2.70	4.79 / 3.09	5.94 / 4.42
Power Consumption (kW)	Cooling	1.05	1.33	1.62	2.21
	Heating	1.11	1.34	1.66	2.26
EER / COP (Nominal Conditions)		3.33 / 3.69	3.21 / 3.71	3.21 / 3.61	3.08 / 3.54
Pdesign (kW) @ -10°C	Cooling	3.50	4.30	5.20	6.80
	Heating	4.20	4.50	5.20	6.00
SEER	Cooling	6.20	6.40	6.20	5.60
SCOP	Heating (Average)	4.10	4.40	4.20	3.90
Energy Efficiency Class	Cooling	A++	A++	A++	A+
	Heating (Average)	A+	A+	A+	A
Annual Energy Consumption (kWh/a)	Cooling	198	235	293	425
	Heating	1431	1432	1731	2151
Moisture Removal	l/h	1.20	1.50	2.20	2.70
Dimensions (HxWxD) mm	Inner (Ex. Grille)*	245x570x570	245x570x570	245x570x570	245x570x570
	Outer	578x790x300	578x790x300	578x790x300	578x790x315
Net Weight (kg)	Inner (Ex. Grille)*	15	15	15	16
	Outer	40	40	40	44
Room Air Circulation (high) m3/h	Inner	600	680	680	930
	Outer	1780	1910	2000	2470
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	4.80	6.10	7.20	9.70
	Heating	5.10	6.10	7.40	9.90
Starting Current	A	5.10	6.10	7.40	9.90
Suggested MCB/Fuse	A	10	10	16	16
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	27 / 30 / 34 / 37	27 / 30 / 34 / 38	26 / 30 / 34 / 38	30 / 36 / 44 / 49
	Outdoor H	47	49	50	52
Sound Power (dB(A) Cooling)	Indoor H	49	50	50	59
	Outdoor H	61	62	62	67
Max Pipe Length	m	25	25	25	30
Max Height Difference	m	15	15	15	20
Refrigerant Charge	m	15	15	15	15
Additional Refrigerant Charge	g/m	20	20	20	20
Pipe Size (inches)	Gas	3/8 (9.52mm)	1/2 (12.7mm)	1/2 (12.7mm)	5/8 (15.88mm)
	Liquid	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)
Operating Range *CDB	Cooling	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A
Grille (to be ordered separately)		UTGUFYDW	UTGUFYDW	UTGUFYDW	UTGUFYDW
System List Price*	€	1206	1479	1627	1999

*Excludes Grille. Grille dimensions = 50x700x700, Grille weight = 2.6kg

Specifications

Model No.	Outdoor unit		AOYG36LBIAS		AOYG45LBIAS		AOYG45LBIAS		
Power Source			Single-Phase		230V, 50Hz				
Rated Capacity (min-max)	Cooling	kW	10.0(3.5~12.5)		12.5(3.5~14.0)		12.5(3.5~14.0)		
	Heating		12.0(3.5~14.0)		13.5(3.5~16.0)		13.5(3.5~16.0)		
EER	Cooling	W/W	4.10		3.50		3.50		
COP	Heating		4.30		4.00		4.00		
Sound Pressure Level (High)	Cooling	dB(A)	53		53		53		
	Heating		55		55		55		
Sound Power Level (High)	Cooling		67		67		67		
	Heating		68		68		68		
Net Dimensions H × W × D	mm		998x970x370		998x970x370		998x970x370		
Weight	kg (lbs)		94(207)		94(207)		94(207)		
Connection Pipe Diameter	Liquid	mm	6.35x5		6.35x6		6.35x6		
	Gas		9.52x3, 12.7x2		9.52x4, 12.7x2		9.52x4, 12.7x2		
Max. Pipe Length	Total / Each	m	80 / 25		80 / 25		80 / 25		
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.		15		15		15		
	Between Indoor Units.		10		10		10		
Operation Range	Cooling		°CDB	-10~46		-10~46		-10~46	
	Heating			-15~24		-15~24		-15~24	
Refrigerant	Type	kg	R410A		R410A		R410A		
	Charge		4.00		4.00		4.00		
Suggested fuse/MCB	AMP		25		30		30		
Starting Current Max.	AMP		12.3		15.7		15.7		
Max Current	AMP		20.6		24.0		24.0		

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)