

**Floor & Floor / Ceiling Dual Design - Single Phase**

Size 9,12 & 14 are Floor Standing Only

Size 18 & 24 are Floor or Ceiling



Indoor Unit		AGYG09LVCA	AGYG12LVCA	AGYG14LVCA	ABYG18LVTB	ABYG24LVTA
Outdoor Unit		AOYG09LVCA	AOYG12LVCA	AOYG14LVLA	AOYG18LBCB	AOYG24LBCB
Nominal Cooling Capacity (Range)	kW	2.6 (0.9 - 3.5)	3.5 (0.9 - 4.0)	4.2 (0.9 - 5.0)	5.2 (0.9 - 5.9)	6.8 (0.9 - 8.0)
UK Cooling (Total / Sensible)	kW	2.49 / 2.24	3.36 / 2.59	4.03 / 2.92	4.96 / 3.59	6.50 / 4.74
Nominal Heating Capacity (Range)	kW	3.5 (0.9 - 5.5)	4.5 (0.9 - 6.6)	5.2 (0.9 - 8.0)	6.0 (0.9 - 7.5)	8.0 (0.9 - 9.1)
UK Heating	kW	4.30	4.76	6.13	7.10	8.18
EER Cooling / COP Heating		4.91 / 4.43	3.72 / 3.78	3.68 / 3.61	3.21 / 3.61	3.08 / 3.54
SEER / Energy Efficiency Class - Cooling		7.00 / A++	6.50 / A++	6.40 / A++	6.10 / A++	5.60 / A+
SCOP / Energy Efficiency Class - Heating		4.20 / A+	4.00 / A+	4.00 / A+	4.00 / A+	3.90 / A
Annual Energy Consumption Cool / Heat kWh/a		130 / 967	188 / 1,330	230 / 1,645	298 / 1,818	425 / 2,153
Pdesign Cooling / Heating (-10°C)	kW	2.6 / 2.9	3.5 / 3.8	4.2 / 4.7	5.2 / 5.2	6.8 / 6.0
Indoor Dimensions (H x W x D)	mm	600x740x200	600x740x200	600x740x200	199x990x655	199x990x655
Outdoor Dimensions (H x W x D)	mm	540x790x290	540x790x290	578x790x300	632x799x290	716x820x315
Weight Indoor / Outdoor	kg	14.0 / 36.0	14.0 / 36.0	14.0 / 40.0	27.0 / 36.0	27.0 / 42.0
Sound Pressure Level Indoor - min/max dB(A)		22 / 40	22 / 40	22 / 44	31 / 43	35 / 48
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"
Max Pipe Len. (Precharge) / Height Diff.	m	20 (15) / 15	20 (15) / 15	20 (15) / 15	25 (15) / 15	30 (15) / 20
Additional Refrigerant Charge	g/m	20	20	20	20	20
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		1.05 / 2.192	1.05 / 2.192	1.15 / 2.401	1.20 / 2.506	1.50 / 3.132
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 20
Remote Controller		IR Included	IR Included	IR Included	IR Included	IR Included

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating