

Cooling

9,500 Btu/h – 28,000 Btu/h
2.78 kW – 8.21 kW

Heating

9,500 Btu/h – 28,000 Btu/h
2.78 kW – 8.21 kW



Wall Mounted G Series

A5WM 10/15/20/25 GR

Negative ion generator fitted as standard

A negative ion shower is released into the room to help create a refreshing and clean environment.

NanoShield

Effectively eliminates harmful airborne elements. The new NanoShield combines the powerful sterilising and deodorising effect of nanoSilver and nano-Photocatalyst. Silver is known to possess the power to sterilise and deodorise. The nano sized (1 billionth of a metre) Silver & Photocatalyst particles are fully infused into the filters, killing bacteria, mould, and removing odour particles at the first stage of filtration.

Enhanced skew fan design

The unique design provides improved sound quality while its larger diameter creates better airflow.

Efficient

The Acson G series provides efficient operation with a maximum 'A' rating and a COP of 3.5

R410a refrigerant

Higher volumetric capacity results in an increased COP when compared to R407C and provides for smaller indoor fan coils and outdoor condensing units by comparison.

Auto random restart

If there is a power failure during operation, the unit automatically restarts at the last setting condition when power is resumed.

Sleep mode auto control

Gradually increases or decreases the setting temperature to provide a comfortable sleeping environment. Also acts as an energy saving mode.

Netware Interface Module (NIM)

The G series is compatible with Acson networking facilities and can fully integrate with Acson's other equipment via the optional network PCB.

(More information on page 26)

Turbo mode

Once turbo mode is activated the air conditioning unit will run on full power with the indoor fan running at high speed for 20 minutes. This enables the required set temperature to be achieved in a short time.

Ease of maintenance

The G series comes with a new air discharge design so the fan blower can be easily accessed.



G12 Wireless
(Standard)



Netware III
(Option)



SLM Wired
(Option)



AC-5300 Wireless
(Option for use with
SLM & Netware III)

R410A

Wall Mounted G Series Specifications R410A

MODELS	INDOOR UNIT	A5WM10GR	A5WM15GR	A5WM20GR*	A5WM25GR*	A5WM301R*		
	OUTDOOR UNIT	A5LC10CR	A5LC15CR	A5LC20CR	A5LC25CR	A5LC28CR	A5LC35CR	
Nominal Cooling Capacity	W	2780	3520	5275	6155	7620	8210	
	Btu/h	9500	12000	18000	21000	26000	28000	
Nominal Heating Capacity	W	2780	3520	5275	6450	7620	8210	
	Btu/h	9500	12000	18000	22000	26000	28000	
Rated Total Power Consumption (Cooling)	W	865	1200	1640	1900	2560	2820	
Rated Total Power Consumption (Heating)	W	750	1080	1550	1850	2442	2670	
Rated Total Running Current (Cooling)	A	3.9	5.4	6.8	8.3	12.2	5.3	
Rated Total Running Current (Heating)	A	3.4	4.9	6.6	8.3	11.6	5.0	
Power Source	V/Ph/Hz	220-240V / 1ph / 50Hz					380-415V / 3ph / 50Hz	
Refrigerant / Control		R410a Capillary Tube (Outdoor)					R410a Cap Tube + TXV Out	
INDOOR UNIT								
Fan	Fan Type	Anti Fungus Skew Fan						
	Airflow	cfm/L/s	300 / 142	345 / 163	510 / 241	650 / 307	670 / 316	670 / 316
Dimension	Fan Motor		4 Poles 13W		4 Poles 20W	4 Poles 25W	4 Poles 45W	4 Poles 45W
	Height	mm/in	260 / 10.2		306 / 12.0		360 / 14.2	360 / 14.2
Weight	Width	mm/in	899 / 35.4		1062 / 41.8		1200 / 47.2	1200 / 47.2
	Depth	mm/in	198 / 7.8		222 / 8.7		200 / 7.9	200 / 7.9
Sound Pressure Level (H/M/L)	kg/lb	12 / 26.5		15 / 33		17 / 37.5	17 / 37.5	
Control	dBa	42 / 36 / 29		44 / 40 / 36		49 / 44 / 42	49 / 47 / 45	
	Room Temperature	Microcomputer Controlled Thermostat						
Air Discharge	Air Discharge	Double Louver (Up & Down) & Grille (Left / Right)						
	Operation	LCD Remote Control						
Condensate Drain Size	mm/in	16 / 0.63			20 / 0.79			
Air Filter	Nanosilver-Coated Anti-Bacterial Saranet Filter							
Air Treatment Devices	Nano-Photocatalyst-Coated Deodorizing Saranet Filter							
	Negative Ion Generator							
OUTDOOR UNIT								
Comp.	Compressor Type	Roatary Hermetic					Scroll	
	Capacitor	uF	25	30	50	45	45	N/a
Dimension	Locked Rotor Amp.	A	19	24	35	67	63	7
	Protection Device	External O.L.P			Internal O.L.P			
Weight	Height	mm/in	540 / 21.3		648 / 25.5		750 / 29.5	
	Width	mm/in	700 / 27.6		855 / 33.7		1030 / 40.55	
Sound Pressure Level	Depth	mm/in	250 / 9.8		328 / 12.9		400 / 15.75	
	kg / lb		33 / 73	35 / 77	54 / 119	61 / 135	68 / 150	95 / 209.4
Pipe	dBa	46		49	51	53	54	58
Type	Type	FLARE						
	Size	Liquid	mm/in 6.35 / 1/4			9.52 / 3/8		
Refrigerant Charge	Gas	mm/in	9.52 / 3/8		12.70 / 1/2		15.88 / 5/8	
	kg		0.73	0.78	1.60	1.70	1.75	1.90

- 1) All specifications are subject to change by the manufacturer without prior notice.
- 2) All units are tested and comply with ISO 5151.
- 3) Nominal cooling and heating capacities are based on the conditions below:
 - a) +26.7°C DB / +19.4°C WB indoor and +35°C DB outdoor
 - b) +21.1°C DB / +15.6°C WB indoor and +8.3°C DB / +6.1°C WB outdoor
- 4) Sound pressure levels are according to the JIS B 8615 standard.
Position of the measurement point is 1.0 m in front and 1.0 m below the unit.



*These units can be twinned, please refer to the price list for the multi-split option.



A5LC 10/15 CR
(Outdoor Unit)



A5LC 20/25/28 CR
(Outdoor Unit)



A5LC 35 CR
(Outdoor Unit)