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# WALL MOUNTED J SERIES

**ACSON**  
International

# WALL MOUNTED J SERIES

## Stylish Flat-Panel

Ideal blend of style and function. Regular cleaning is easier by just wiping the flat front panel. This ensures the air-conditioner looks brand new at all time.

## Comfortable Air Flow and Lower Sound Level

User given more choice on preferable fan speed, quiet mode or automatic setting. With the introduction of SCR indoor fan motor, a step-less change of fan speed results in smooth air flow and unnoticeable sound level change during fan speed change.

## Higher Energy Saving



Using an efficient compressor and superior R410A refrigerant, A5WM-J series achieves high energy efficiency. This ensures high energy saving on daily usage.



## Better Indoor Air Quality (IAQ) Using Bio-Engineering

Bio-Pro is an IAQ solution which combines superior cleansing and purifying of Bio Antibody filter with more effective deodorizing features of the Titanium Apatite filter. Working in tandem, both technologically- advanced air filters offer a higher level of IAQ and room comfort.



### Protection 1 - Bio Antibody Filter

- A special moisture-retaining filter material containing IgY antibody obtained by Extraction Technique.
- Neutralization of virus as a result of natural antigen-antibody reaction.
- Deactivates up to 99.99% various airborne infectious viruses within 1 minute.\*
- It lasts for one year after opening its accessory bag.

### Protection 2 - Titanium Apatite Filter

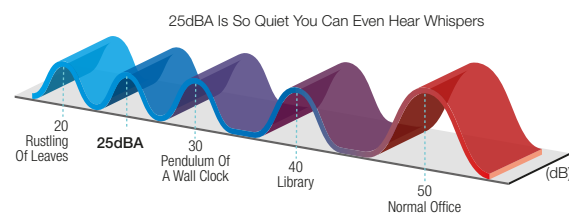
- A new material combining the absorption capability of apatite and the photo catalyst capability of titanium oxide.
- Dissolves absorbed substance such as odors and harmful airborne particles into harmless Water (H<sub>2</sub>O) and Carbon Dioxide (CO<sub>2</sub>) by photo catalytic process.
- With addition of Apatite, absorption power is double and dissolution efficiency is also improved.
- It lasts for three years without replacement if washed about once every six months.

\* Bio Antibody Filter and Titanium Apatite Filter is offered as optional accessory.  
This product is not a medical device, medical treatment device or therapeutic goods.  
This product is not intended to have any therapeutic use or to be used for the diagnosis, treatment relief or prevention of illness.  
If you have a health concern or are not feeling well, please consult a health care professional.

## Indoor Quiet Mode

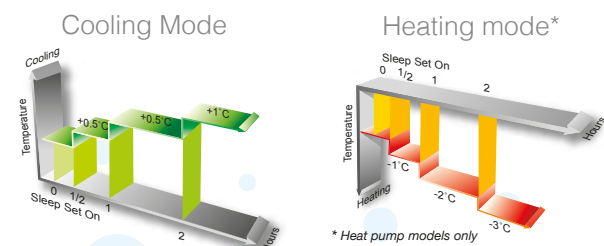
This series gives you five selectable fan speeds. Its wide range of setting allows you to precisely control your preferable fan speed.

By selecting quiet mode, the operational sound level can be reduced to an unobtrusive 25 dBA.



## Sleep Mode

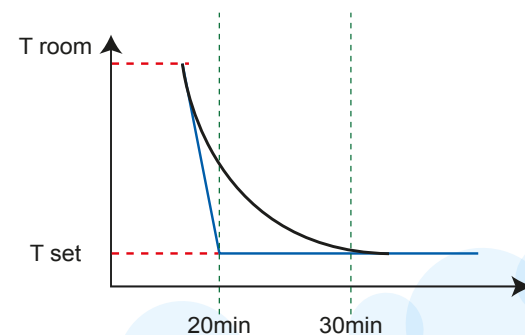
Once activated, sleep mode ensures a comfortable environment for restful sleep. Depending on the mode, set temperature is increased / decreased gradually according to normal sleeping temperature patterns.



## Turbo Mode

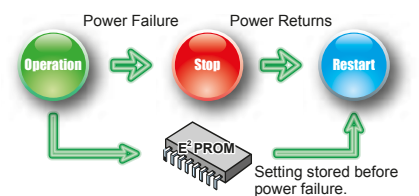
TURBO function is available in COOL, HEAT and DRY modes only. Once turbo mode is activated, the air-conditioner will run into full power with indoor fan running at maximum speed for 20 minutes. This enables the required set temperature to be achieved in a short time.

\* If TURBO and SLEEP are activated at the same time, the SLEEP mode timer will be reset, it will resume after TURBO function is cleared.

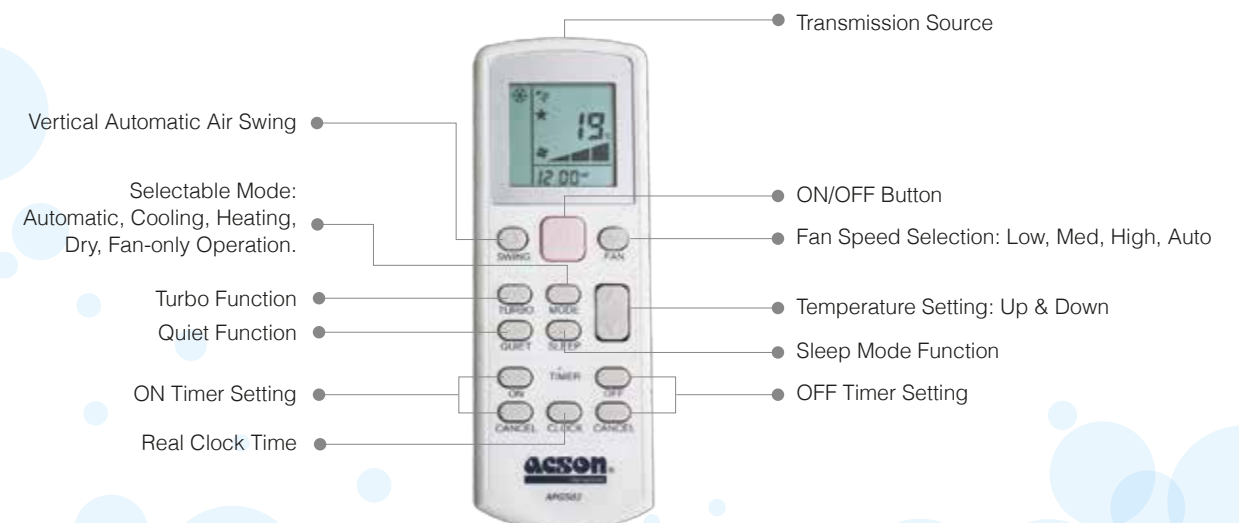


## Auto Restart with Last Setting Condition

In the event of a sudden power failure during operation, unit can be automatically restart (subject to certain protection conditions) from last setting condition. This eliminates the need to restart manually after each power failure.



## New APGS02 Wireless Remote Controller



## Specification for Single-Split R410A Wall Mounted Series - Cooling Only

Indoor Model Name			A5WM10J	A5WM15J	A5WM20J	A5WM25J	
Outdoor Model Name			A5LC10CJ	A5LC15CJ	A5LC20CJ	A5LC25CJ	
Rated Cooling Capacity			Btu/h	9040	10750	17900	20500
			W	2650	3150	5250	6010
Rated Total Input Power			W	825	1094	1635	1870
Rated Running Current			A	3.70	5.10	7.19	8.26
Nominal EER			W/W	3.21	2.88	3.21	3.21
Indoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	Turbo	CFM	358	372	570	641
		High	CFM	342	355	536	614
		Medium	CFM	282	298	478	537
		Low	CFM	225	242	424	474
		Silent	CFM	209	225	375	418
	Sound Pressure Level	Turbo	dBA	39	41	44	48
		High	dBA	38	40	42	46
		Medium	dBA	33	35	39	43
		Low	dBA	27	29	36	40
		Silent	dBA	25	28	34	37
	Unit Dimension	Height	mm	288	288	310	310
		Width	mm	800	800	1065	1065
		Depth	mm	206	206	224	224
	Unit Weight		kg	9	9	14	14
Outdoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow		CFM	840	969	1310	1450
	Sound Pressure Level		dBA	46	49	52	52
	Unit Dimension	Height	mm	540	540	651	753
		Width	mm	700	700	855	855
		Depth	mm	250	250	328	328
	Net Weight		kg	29	31	47	50
Pipe Length	Pre-charged		m	7.5	7.5	7.5	7.5
	Maximum Length		m	12	12	20	20
	Maximum Height		m	5	5	15	15
Pipe Connection	Type		Flare	Flare	Flare	Flare	
	Size	Liquid	mm	6.35	6.35	6.35	6.35
		Gas	mm	9.52	12.70	12.70	15.88
Operating Range (Min~Max)	Cooling		°C DB	19~46	19~46	19~46	19~46
	Heating		°C WB	-9~18	-9~18	-9~18	-9~18

## Specification for Single-Split R410A Wall Mounted Series - Cooling and Heating

Indoor Model Name			A5WM10JR	A5WM15JR	A5WM20JR	A5WM25JR	
Outdoor Model Name			A5LC10CRJ	A5LC15CRJ	A5LC20CRJ	A5LC25CRJ	
Rated Capacity	Cooling	Btu/h	9040	10750	17900	20500	
		W	2650	3150	5250	6010	
	Heating	Btu/h	9550	11530	18000	21000	
		W	2800	3380	5280	6150	
Rated Total Input Power	Cooling	W	825	1094	1635	1870	
	Heating	W	775	988	1490	1800	
Rated Running Current	Cooling	A	3.70	5.10	7.19	8.26	
	Heating	A	3.47	4.70	6.53	7.99	
Nominal EER			W/W	3.21	2.88	3.21	3.21
Nominal COP			W/W	3.61	3.42	3.54	3.42
Indoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	Turbo	CFM	358	372	570	641
		High	CFM	342	355	536	614
		Medium	CFM	282	298	478	537
		Low	CFM	225	242	424	474
		Silent	CFM	209	225	375	418
	Sound Pressure Level	Turbo	dBA	39	41	44	48
		High	dBA	38	40	42	46
		Medium	dBA	33	35	39	43
		Low	dBA	27	29	36	40
		Silent	dBA	25	28	34	37
	Unit Dimension	Height	mm	288	288	310	310
		Width	mm	800	800	1065	1065
		Depth	mm	206	206	224	224
	Unit Weight		kg	9	9	14	14
Outdoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow		CFM	840	969	1310	1450
	Sound Pressure Level		dBA	46	49	52	52
	Unit Dimension	Height	mm	540	540	651	753
		Width	mm	700	700	855	855
		Depth	mm	250	250	328	328
	Net Weight		kg	29	31	47	50
Pipe Length	Pre-charged		m	7.5	7.5	7.5	7.5
	Maximum Length		m	12	12	20	20
	Maximum Height		m	5	5	15	15
Pipe Connection	Type		Flare	Flare	Flare	Flare	
	Size	Liquid	mm	6.35	6.35	6.35	6.35
		Gas	mm	9.52	12.70	12.70	15.88
Operating Range (Min~Max)	Cooling		°C DB	19~46	19~46	19~46	19~46
	Heating		°C WB	-9~18	-9~18	-9~18	-9~18

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
  - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
  - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9612 STANDARD.  
POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 0.8m BELOW THE UNIT.

## Specification for Single-Split R22 Wall Mounted Series - Cooling Only

Indoor Model Name			AWM09J	AWM15J	AWM20J	AWM25J	
Outdoor Model Name			ALC09C	ALC15C	ALC20C	ALC25C	
Rated Cooling Capacity		Btu/h	8400	12000	19500	24000	
		W	2460	3520	5720	7030	
Rated Total Input Power		W	925	1176	1850	2530	
Rated Running Current		A	4.10	5.40	8.21	11.30	
Nominal EER		W/W	2.66	2.99	3.09	2.78	
Indoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	Turbo	CFM	325	361	570	641
		High	CFM	309	346	536	614
		Medium	CFM	265	293	478	537
		Low	CFM	223	240	424	474
		Silent	CFM	207	226	375	418
	Sound Pressure Level	Turbo	dBA	39	41	44	48
		High	dBA	38	40	42	46
		Medium	dBA	33	35	39	43
		Low	dBA	27	29	36	40
		Silent	dBA	25	28	35	37
	Unit Dimension	Height	mm	288	288	310	310
		Width	mm	800	800	1065	1065
		Depth	mm	206	206	224	224
	Unit Weight		kg	9	9	14	14
Outdoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow		CFM	740	969	1300	1460
	Sound Pressure Level		dBA	46	49	49	52
	Unit Dimension	Height	mm	494	540	651	753
		Width	mm	600	700	855	855
		Depth	mm	245	250	328	328
	Net Weight		kg	25	28	47	57
	Pipe Length	Pre-charged		m	7.5	7.5	7.5
Maximum Length		m	12	12	20	20	
Maximum Height		m	5	5	15	15	
Pipe Connection	Type			Flare	Flare	Flare	Flare
	Size	Liquid	mm	6.35	6.35	6.35	6.35
		Gas	mm	9.52	12.70	15.88	15.88
Operating Range (Min~Max)	Cooling		°C DB	19~46	19~46	19~46	19~46
	Heating		°C WB	-9~18	-9~18	-9~18	-9~18

## Specification for Single-Split R22 Wall Mounted Series - Cooling and Heating

Indoor Model Name			AWM09JR	AWM15JR	AWM20JR	AWM25JR	
Outdoor Model Name			ALC09CR	ALC15CR	ALC20CR	ALC25CR	
Rated Capacity	Cooling	Btu/h	8400	11800	19500	24000	
		W	2460	3460	5720	7030	
	Heating	Btu/h	9000	13000	19500	25000	
		W	2640	3810	5720	7330	
Rated Total Input Power	Cooling	W	925	1192	1850	2530	
	Heating	W	750	1064	1750	2465	
Rated Running Current	Cooling	A	4.10	5.50	8.21	11.30	
	Heating	A	3.40	4.90	7.73	11.01	
Nominal EER		W/W	2.66	2.90	3.09	2.78	
Nominal COP		W/W	3.52	3.58	3.27	2.97	
Indoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	Turbo	CFM	325	361	570	641
		High	CFM	309	346	536	614
		Medium	CFM	265	293	478	537
		Low	CFM	223	240	424	474
		Silent	CFM	207	226	375	418
	Sound Pressure Level	Turbo	dBA	39	41	44	48
		High	dBA	38	40	42	46
		Medium	dBA	33	35	39	43
		Low	dBA	27	29	36	40
		Silent	dBA	25	28	35	37
	Unit Dimension	Height	mm	288	288	310	310
		Width	mm	800	800	1065	1065
		Depth	mm	206	206	224	224
	Unit Weight		kg	9	9	14	14
Outdoor Unit	Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow		CFM	740	969	1300	1460
	Sound Pressure Level		dBA	46	49	49	52
	Unit Dimension	Height	mm	494	540	651	753
		Width	mm	600	700	855	855
		Depth	mm	245	250	328	328
	Net Weight		kg	26	30	47	57
	Pipe Length	Pre-charged		m	7.5	7.5	7.5
Maximum Length		m	12	12	20	20	
Maximum Height		m	5	5	15	15	
Pipe Connection	Type			Flare	Flare	Flare	Flare
	Size	Liquid	mm	6.35	6.35	6.35	6.35
		Gas	mm	9.52	12.70	15.88	15.88
Operating Range (Min~Max)	Cooling		°C DB	19~46	19~46	19~46	19~46
	Heating		°C WB	-9~18	-9~18	-9~18	-9~18

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 (NON DUCTED PRODUCTS) & ISO 13253 (DUCTED PRODUCTS).
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
  - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
  - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9612 STANDARD.  
POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 0.8m BELOW THE UNIT.



*Makes Life A Luxury*

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