



Wall Mounted Split Systems G Series





Air Purifying System

Negative Ion Generator (Standard)

The Ion Generator releases negative ion shower to create a refreshing and cleaner environment.



NanoTechnology Air Filtration



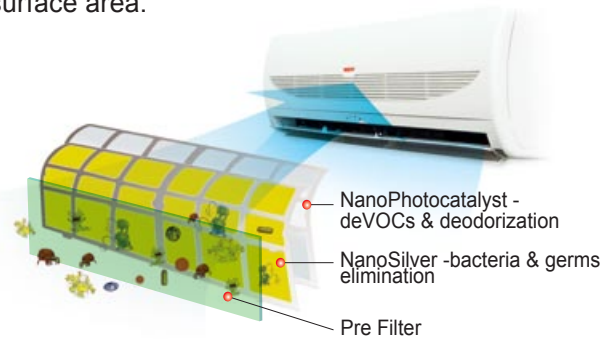
Effectively inactivate & eliminate various harmful airborne elements

Acson is focused on developing new and exciting products to improve everyday living environment. The all-new NanoShield combines powerful sterilizing and deodorizing effect of NanoSilver and Nano-Photocatalyst.



NanoTechnology

Silver is used from the days of Hippocrates (Father of Medicine) as a healing agent and its use has been expanded into anti-bacterial applications ever since. Modern nanotechnology provides through full - infusion onto the filters and larger coated surface area.

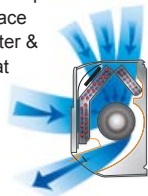


Aesthetically Outlook

A smooth front panel makes the cleaning process much easier for the user. These units blended easily into any interior decoration and design. The centrally located LED light makes it easier for user to check the operating conditions.

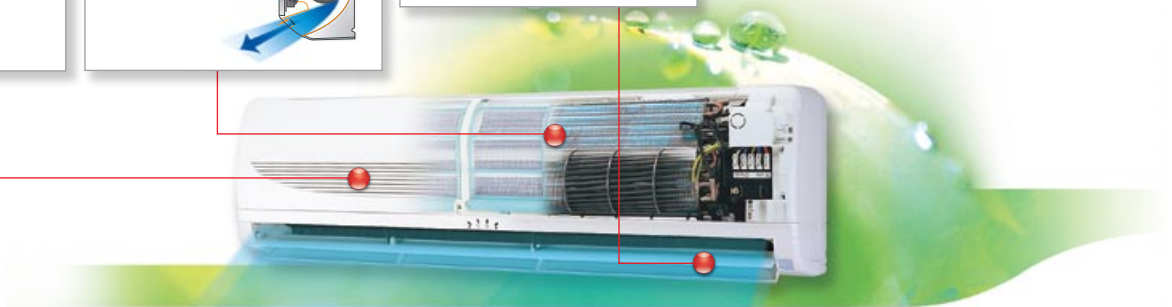
3-Fold Heat Exchanger

The compact design of this 3-fold structure provides a large surface area for better & efficient heat exchange.



Double Louver

This new louver design together with its automatic air swing function fully optimizes the room comfort by distributing the air evenly to every corner of the room.





● Easy Serviceability

Wall Mounted G series comes with a new design of air discharge housing whereby the fan blower can be easily accessed by just loosening up two screws on the unit. This new feature provides a flexible, faster and easier way to clean up the fan blower and ionizer.



● Network Interface Module - Telephone Control (NIM-Tele)

By just making up a call, user can control the operation of the air conditioner remotely at anytime and anywhere. This innovative technology not only provides on/off control but also operating mode control, temperature control and status monitoring availability. The password protection function ensures more safety operation to the system.



● Improved Performance with COP > 3.5

Taking advantage of the innovative 3-fold heat exchanger design, which offer greater surface area for heat exchange, and coupling with the efficient MLC-C outdoor model, the MWM 010/015G series has been able to operate with improved performance, generating COP (Coefficient of Performance) of more than 3.5.

● Enhance Skew Fan Design

The unique skew fan design provides an improved sound quality while its larger diameter creates better air flow to the operating environment.



ADVANCED FEATURES

EASY-To-Use LCD Remote Controller



G18

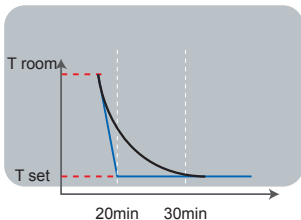


Ionizer

Just press the ionizer button and the air-conditioner will generate negative ion, which will refresh the indoor air effectively.

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 HIGH 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.

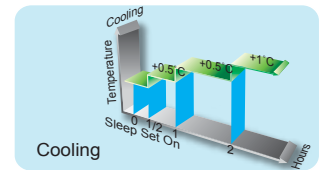
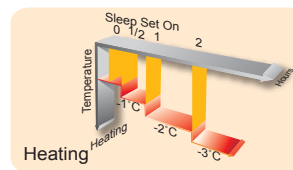


Personalized Setting

It allows user to pre-set and store 2 groups of personal settings (included timer setting) in the handset. This personalized settings can be overwritten from time to time based on user requirements.

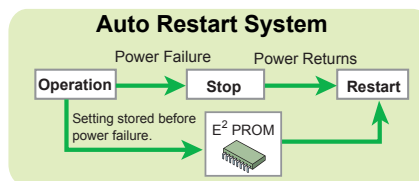
Sleep Mode Auto Control

Setting of Sleep mode will gradually increase or decrease the setting temperature to provide a comfortable surrounding for sleeping. It also acts as an energy saving mode.



Auto Random Restart

When there is power failure occurred during operation, the unit will automatically restart as the last setting condition once the power is resumed. Option is provided to cancel this feature.



SPECIFICATIONS [R22- 50 HZ]

HEAT PUMP		INDOOR UNIT		AWM 07GR	AWM 09GR	AWM 10GR	AWM 15GR	AWM 20GR		AWM 25GR		
		OUTDOOR UNIT		ALC 07CR	ALC 09CR	ALC 10CR	ALC 15CR	ALC 18CR	ALC 20CR	ALC 25CR		
NOMINAL COOLING CAPACITY		Btu/h		NOT AVAILABLE	8800	9500	12000	18000	19000	23500		
		W			2580	2780	3520	5280	5570	6890		
NOMINAL HEATING CAPACITY		Btu/h			8600	9500	12000	18400	19500	24000		
		W			2520	2780	3520	5390	5720	7030		
60 HZ	INPUT POWER		COOLING		W	910	860	1100	1820	1807	2530	
	INPUT POWER		HEAT PUMP		W	750	750	980	1660	1757	2450	
	EER				W/W	2.84	3.23	3.20	2.90	3.08	2.72	
	COP				W/W	3.36	3.71	3.59	3.25	3.26	2.87	
	RUNNING CURRENT		COOLING		A	4.0	3.80	5.10	8.10	8.00	11.30	
HEAT PUMP			A		3.4	3.30	4.50	7.20	7.80	11.10		
COOLING ONLY MODEL		INDOOR UNIT		AWM 07G	AWM 09G	AWM 10G	AWM 15G	AWM 20G	AWM 20G	AWM 25G		
		OUTDOOR UNIT		ALC 07C	ALC 09C	ALC 10C	ALC 15C	ALC 18C	ALC 20C	ALC 25C		
NOMINAL CAPACITY		Btu/h		7000	9000	9500	12000	18000	19000	23500		
		W		2050	2640	2780	3520	5280	5570	6890		
50 HZ	NOMINAL TOTAL INPUT POWER		W		590	919	860	1200	1820	2530		
	EER		W/W		3.47	2.87	3.23	2.93	3.08	2.72		
	RUNNING CURRENT		A		2.7	4.10	3.80	5.40	8.10	11.30		
POWER SOURCE		V/Ph/Hz		220-240/1/50								
FAN TYPE		ANTI-FUNGUS SKEW FAN										
INDOOR UNIT	AIR FLOW		HIGH	l/s / cfm	118 / 250	130 / 275	142 / 300	163 / 345	231 / 490	297 / 630		
			MEDIUM	l/s / cfm	104 / 220	106 / 225	118 / 250	135 / 285	193 / 410	231 / 490		
			LOW	l/s / cfm	85 / 180	83 / 175	94 / 200	104 / 220	160 / 340	208 / 440		
	SOUND PRESSURE LEVEL (H/M/L)		dBA		38/ 33 / 28	40 / 35 / 29	39 / 34 / 28	42 / 36 / 29	43 / 40 / 35	49 / 44 / 42		
	UNIT DIMENSION		HEIGHT	mm/in	260 / 10.2	260 / 10.2	260 / 10.2		304 / 12.0	304 / 12.0		
			WIDTH	mm/in	799 / 31.5	799 / 31.5	899 / 35.4		1062 / 41.8	1062 / 41.8		
			DEPTH	mm/in	198 / 7.8	198 / 7.8	198 / 7.8		222 / 8.7	222 / 8.7		
	UNIT WEIGHT		kg/lb		8.5 / 18.74	10 / 22.05	12 / 26.46		16 / 35.27	16 / 35.27		
	AIR FILTRATION		NANOSILVER-COATED ANTI-BACTERIAL SARANET FILTER									
	AIR TREATMENT DEVICES		NANOPHOTOCATALYST-COATED DEODORIZING SARANET FILTER									
		NEGATIVE ION GENERATOR										
		NON-THERMAL PLASMA (NTP) AIR STERILIZER										
OUTDOOR UNIT	COMPRESSOR TYPE		ROTARY HERMETIC									
	REFRIGERANT CONTROL		CAPILLARY TUBE									
	SOUND PRESSURE LEVEL		dBA		45	45	46	49	51	51	52	
	UNIT DIMENSION		HEIGHT	mm/in	495 / 19.5	495 / 19.5	540 / 21.3		654 / 25.7	756 / 29.8		
			WIDTH	mm/in	600 / 23.6	600 / 23.6	700 / 27.6		855 / 33.7	855 / 33.7		
			DEPTH	mm/in	245 / 9.7	245 / 9.7	250 / 9.8		328 / 12.9	328 / 12.9		
	UNIT WEIGHT		kg/lb		28 / 61.73	28 / 61.73	32 / 70.55		58 / 127.9	59 / 130.1	62 / 136.7	
	PIPE CONNECTION		TYPE		FLARE VALVE		FLARE VALVE		FLARE VALVE		FLARE VALVE	
			SIZE		LIQUID	mm/in	6.35 / 1/4	6.35 / 1/4	6.35 / 1/4		6.35 / 1/4	9.52 / 3/8
			GAS		mm/in	9.52 / 3/8	9.52 / 3/8	9.52 / 3/8	12.70 / 1/2	15.88 / 5/8	15.88 / 5/8	

- 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) THE 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.

SPECIFICATIONS [R22- 60 Hz]

HEAT PUMP		INDOOR UNIT		AWM 10GR	AWM 15GR	AWM 20GR	AWM 25GR	
		OUTDOOR UNIT		ALC 10BR	ALC 15BR	ALC 20BR	ALC 25BR	
NOMINAL COOLING CAPACITY		Btu/h		9200	11500	19000	22000	
		W		2700	3370	5570	6450	
NOMINAL HEATING CAPACITY		Btu/h		9500	12000	19000	23500	
		W		2780	3520	5570	6890	
60 HZ	INPUT POWER		COOLING	W	827	1221	1905	2415
	INPUT POWER		HEAT PUMP	W	747	1051	1773	2285
	EER		W/W		3.26	2.76	2.92	2.67
	COP		W/W		3.72	3.35	3.14	3.02
	RUNNING CURRENT		COOLING		A	3.80	5.40	8.40
HEAT PUMP			A	3.40	4.60	7.90	10.10	
COOLING ONLY MODEL		INDOOR UNIT		AWM 010G	AWM 015G	AWM 020G	AWM 025G	
		OUTDOOR UNIT		ALC 010B	ALC 015B	ALC 020B	ALC 025B	
NOMINAL CAPACITY		Btu/h		9200	11500	19000	22000	
		W		2700	3370	5570	6450	
60 HZ	NOMINAL TOTAL INPUT POWER		W		827	1221	1905	2415
	EER		W/W		3.26	2.76	2.92	2.67
	RUNNING CURRENT		A		3.80	5.40	8.40	10.70
POWER SOURCE		V/Ph/Hz		220-240/1/60				
FAN TYPE		ANTI-FUNGUS SKEW FAN						
INDOOR UNIT	AIR FLOW		HIGH	l/s / cfm	168 / 355	168 / 355	241 / 510	307 / 650
			MEDIUM	l/s / cfm	142 / 300	142 / 300	208 / 440	245 / 520
			LOW	l/s / cfm	112 / 237	112 / 237	175 / 370	222 / 470
	SOUND PRESSURE LEVEL (H/M/L)		dBA		39 / 34 / 28	42 / 36 / 29	43 / 40 / 35	49 / 44 / 42
	UNIT DIMENSION		HEIGHT	mm/in	260 / 10.2		304 / 12.0	
			WIDTH	mm/in	899 / 35.4		1062 / 41.8	
			DEPTH	mm/in	198 / 7.8		222 / 8.7	
	UNIT WEIGHT		kg/lb		12 / 26.46		16 / 35.27	
	AIR FILTRATION		NANOSILVER-COATED ANTI-BACTERIAL SARANET FILTER					
	AIR TREATMENT DEVICES		NANOPHOTOCATALYST-COATED DEODORIZING SARANET FILTER					
		NEGATIVE ION GENERATOR						
		ROTARY HERMETIC						
		CAPILLARY TUBE						
OUTDOOR UNIT	COMPRESSOR TYPE		ROTARY HERMETIC					53
	REFRIGERANT CONTROL		CAPILLARY TUBE					52
	SOUND PRESSURE LEVEL		dBA		48	49	52	53
	UNIT DIMENSION		HEIGHT	mm/in	494 / 19.4		646 / 25.4	
			WIDTH	mm/in	740 / 29.1		840 / 33.1	
			DEPTH	mm/in	270 / 10.6		330 / 13.0	
	UNIT WEIGHT		kg/lb		31 / 68.35		57 / 125.9	
	PIPE CONNECTION		TYPE		FLARE VALVE			
			SIZE		LIQUID	mm/in	6.35 / 1/4	6.35 / 1/4
			GAS		mm/in	9.52 / 3/8	12.70 / 1/2	15.88 / 5/8

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 - 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
- 3) THE 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.

SPECIFICATIONS [R410A]

HEATPUMP MODEL		INDOOR UNIT		A5WM 07GR	A5WM 09GR	A5WM 10GR	A5WM 15GR		
		OUTDOOR UNIT		A5LC 07CR	A5LC 10CR	A5LC 10CR	A5LC 15CR		
NOMINAL COOLING CAPACITY		Btu/h		7500	9000	9500	12000		
		W		2200	2640	2780	3520		
NOMINAL HEATING CAPACITY		Btu/h		7500	9000	9500	12000		
		W		2200	2640	2780	3520		
50 HZ	INPUT POWER		COOLING	W	680	860	910	1230	
	INPUT POWER		HEAT PUMP	W	550	745	770	1080	
	EER			W/W	3.24	3.07	3.05	2.86	
	COP			W/W	4.00	3.54	3.61	3.26	
	RUNNING CURRENT		COOLING		A	3.10	4.10	4.10	5.60
			HEAT PUMP		A	2.60	3.50	3.50	5.00
COOLING ONLY MODEL		INDOOR UNIT		A5WM 07G	A5WM 09G	A5WM 10G	A5WM 15G		
		OUTDOOR UNIT		A5LC 07C	A5LC 10C	A5LC 10C	A5LC 15C		
NOMINAL CAPACITY		Btu/h		7500	9000	9500	12000		
		W		2200	2640	2780	3520		
50 HZ	NOMINAL TOTAL INPUT POWER		W		620	860	910	1230	
	EER		W/W		3.55	3.07	3.05	2.86	
	RUNNING CURRENT		A		3.10	4.10	4.10	5.60	
POWER SOURCE		V/Ph/Hz		220-240 / 1 / 50		220-240 / 1 / 50			
INDOOR UNIT	FAN TYPE		ANTI-FUNGUS SKEW FAN						
	AIR FLOW		HIGH	l/s / cfm	130 / 275		142 / 300		
			MEDIUM	l/s / cfm	106 / 225		118 / 250		
			LOW	l/s / cfm	83 / 175		94 / 200		
	SOUND PRESSURE LEVEL (H/M/L)		dB(A)		40 / 35 / 29		39 / 34 / 28		
	UNIT DIMENSION		HEIGHT	mm/in	260 / 10.2		260 / 10.2		
			WIDTH	mm/in	799 / 31.5		899 / 35.4		
			DEPTH	mm/in	198 / 7.8		198 / 7.8		
	UNIT WEIGHT		kg/lb		10 / 22.05		12 / 26.46		
	AIR FILTRATION		NANOSILVER-COATED ANTI-BACTERIAL SARANET FILTER						
AIR TREATMENT DEVICES		NANOPHOTOCATALYST-COATED DEODORIZING SARANET FILTER							
		NEGATIVE ION GENERATOR							
		NON-THERMAL PLASMA (NTP) AIR STERILIZER							
OUTDOOR UNIT	SOUND PRESSURE LEVEL		dB(A)		44	46	46	49	
	UNIT DIMENSION		HEIGHT	mm/in	495 / 19.5		540 / 21.3		
			WIDTH	mm/in	600 / 23.6		700 / 27.6		
			DEPTH	mm/in	245 / 9.7		250 / 9.8		
	UNIT WEIGHT		kg/lb		26 / 57.32		33 / 72.75		
	PIPE CONNECTION		TYPE		FLARE VALVE				
SIZE			LIQUID	mm/in	6.35 / 1/4		6.35 / 1/4		
			GAS	mm/in	9.52 / 3/8		9.52 / 3/8		
							12.70 / 1/2		

SPECIFICATIONS [R410A]

HEATPUMP MODEL		INDOOR UNIT		A5WM 20GR	A5WM 25GR			
		OUTDOOR UNIT		A5LC 20CR	A5LC 25CR			
NOMINAL COOLING CAPACITY - 1Ø <3Ø>		Btu/h		17850 <18000>	20350 <22500>			
		W		5230 <5280>	5960 <6590>			
NOMINAL HEATING CAPACITY - 1Ø <3Ø>		Btu/h		18000 <18500>	22000 <23000>			
		W		5275 <5420>	6448 <6740>			
50 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		COOLING	W	1630 <1663>	1860 <2195>		
			HEATING	W	1546 <1630>	1870 <2106>		
	EER- 1Ø <3Ø>		W/W		3.21 <3.17>	3.21 <3.00>		
	COP- 1Ø <3Ø>		W/W		3.42 <3.33>	3.45 <3.20>		
	RUNNING CURRENT- 1Ø <3Ø>		COOLING		A	7.2 <3.2>	8.4 <4.2>	
			HEAT PUMP		A	6.8 <3.1>	8.4 <4.0>	
COOLING ONLY MODEL		INDOOR UNIT		A5WM 20G	A5WM 25G			
		OUTDOOR UNIT		A5LC 20C	A5LC 25C			
NOMINAL CAPACITY		Btu/h		17850 <18000>	20350 <22500>			
		W		5230 <5280>	5960 <6590>			
50 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		W		1630 <1663>	1860 <2195>		
	EER- 1Ø <3Ø>		W/W		3.21 <3.17>	3.21 <3.00>		
	RUNNING CURRENT - 1Ø <3Ø>		A		7.2 <3.2>	8.4 <4.2>		
POWER SOURCE- 1Ø <3Ø>		V/Ph/Hz		220 - 240 / 1 / 50 <380 - 415 / 3 / 50>				
INDOOR UNIT	FAN TYPE		ANTI-FUNGUS SKEW FAN					
	AIR FLOW		HIGH	l/s / cfm	231 / 490		397 / 630	
			MEDIUM	l/s / cfm	193 / 410		231 / 490	
			LOW	l/s / cfm	160 / 340		208 / 440	
	SOUND PRESSURE LEVEL (H/M/L)		dB(A)		43 / 40 / 35		49 / 44 / 42	
	UNIT DIMENSION		HEIGHT	mm/in	304 / 12.0		304 / 12.0	
			WIDTH	mm/in	1062 / 41.8		1062 / 41.8	
			DEPTH	mm/in	222 / 8.7		222 / 8.7	
	UNIT WEIGHT		kg/lb		16 / 35.27		16 / 35.27	
	AIR FILTRATION		NANOSILVER-COATED ANTI-BACTERIAL SARANET FILTER					
AIR TREATMENT DEVICES		NANOPHOTOCATALYST-COATED DEODORIZING SARANET FILTER						
		NEGATIVE ION GENERATOR						
		NON-THERMAL PLASMA (NTP) AIR STERILIZER						
OUTDOOR UNIT	SOUND PRESSURE LEVEL		dB(A)		52			
	UNIT DIMENSION		HEIGHT	mm/in	651 / 25.6		750 / 29.5	
			WIDTH	mm/in	855 / 33.7		855 / 33.7	
			DEPTH	mm/in	328 / 12.9		328 / 12.9	
	UNIT WEIGHT		kg/lb		59 / 130.1		62 / 136.7	
	PIPE CONNECTION		TYPE		FLARE VALVE			
SIZE			LIQUID	mm/in	6.35 / 1/4		6.35 / 1/4	
			GAS	mm/in	12.70 / 1/2		15.88 / 5/8	

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 - 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.

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Makes Life A Luxury

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AP-AWM-G-08

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