



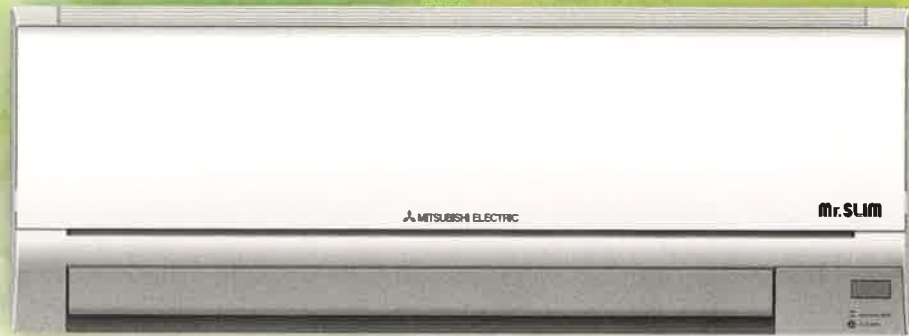
**MITSUBISHI
ELECTRIC**

Changes for the Better

AIR CONDITIONERS

Mr. SLIM

New Range of Split Air Conditioner

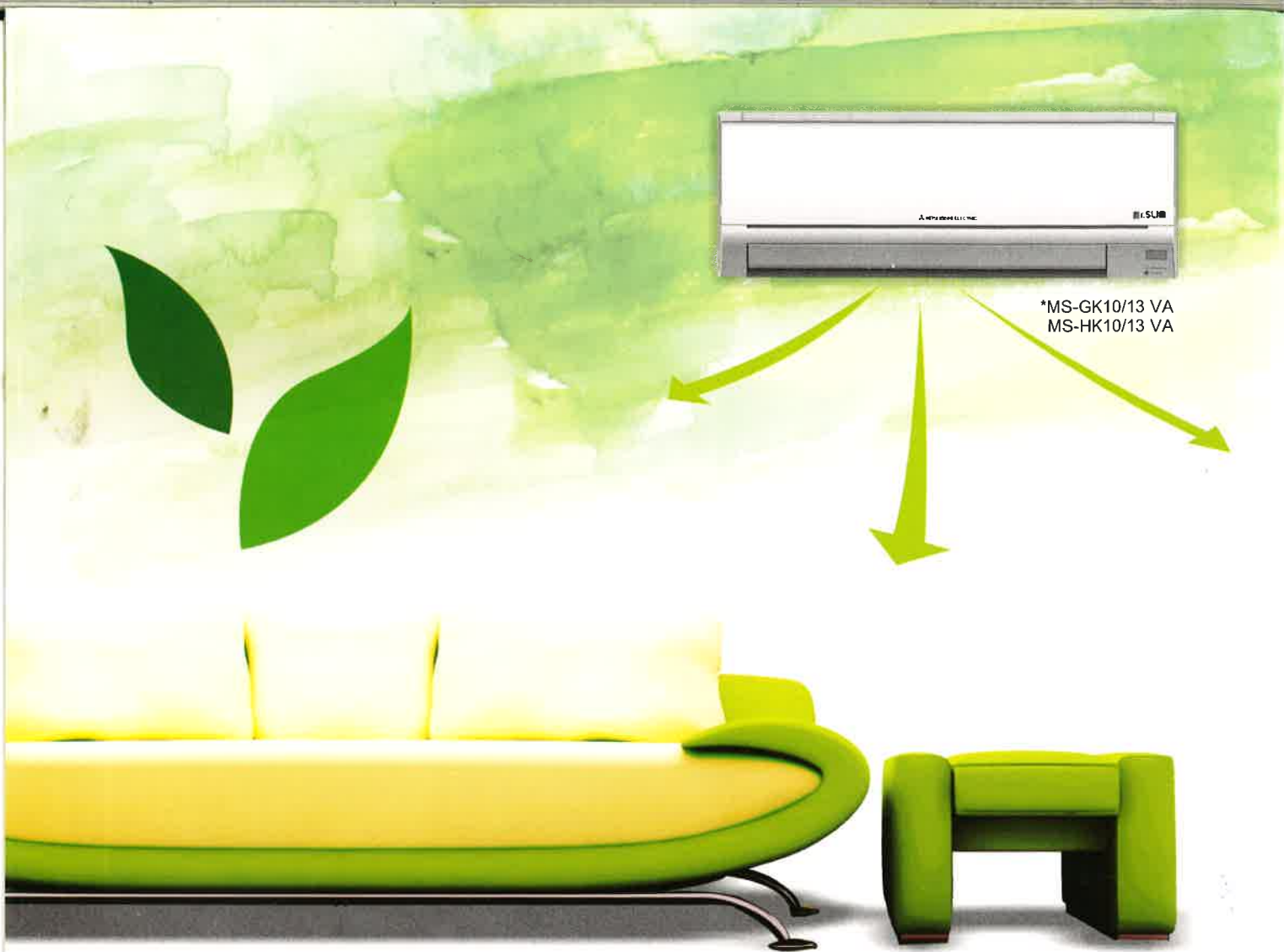


Comfortable **ME**



for a greener tomorrow





Mitsubishi Electric's unwavering commitment to research and development is helping us create the next generation of groundbreaking technologies. Through our research centers around the world, we're taking on the challenges of technology to contribute to a better society in the future.

	Composition	Ozone depletion potential factor*	Toxicity	Stability
NEW REFRIGERANT	Non-azeotropic boiling point composite refrigerant			
R410A	(HFC:R32/R125=50:50WT%)	0	NON	GOOD
CURRENT REFRIGERANT	Single component refrigerant			
R22	(HCFC:R22=100WT%)	0.05	NON	GOOD

* Relative value when CFC is considered as 1

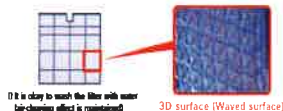
Many scientists believe that refrigerants that contain hydrochlorofluorocarbons such as HCFC-R22 with chlorine are a contributing factor to this problem. R410A - a chlorine-free, non-flammable, environmentally friendly and energy efficient refrigerant offers a new alternative, in addition to the properties just mentioned, R410A is as easy to handle as the environmentally unfriendly R22 because of its pseudoazeotropic characteristics.

R410A is also highly efficient and provides the same level of performance as R22



Nano Platinum Filter

The filter has a large capture area and incorporates nanometre-sized platinum - ceramic particles that work to kill bacteria and deodorise the circulating air. Better dust collection than conventional filters is also ensured.



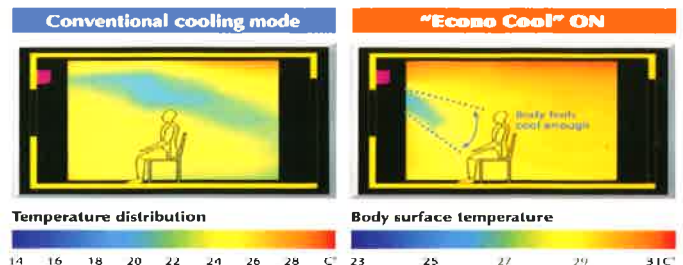
*Available in MS-GK Series



Econo Cool - smart save

The Econo Cool one touch operation automatically adjusts the direction of airflow based on the temperature at the air outlet. The set temperature can therefore be 2°C above conventional temperature settings without loss of comfort and with a 20% increase in energy efficiency.

Ensures greater comfort even when the temperature setting is 2°C above conventional settings.



	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	29.3°C



Electrostatic Anti-Allergy Enzyme Filter

The filter is charged with static electricity, enabling it to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.

*Optional



Wide & Long Airflow

Bringing extra comfort to your life, left-right vane can be automatically controlled by remote controller. Simply use of Wide vane mode, you can easily adjust direction of airflow to reach any corner of the room. The high-power motor combines with a newly designed "long mode" to push air out further, providing an extended airflow that can reach the far end of long living rooms or each the kitchen in open-concept living areas and studios. When operating in Long mode, the airflow can be extended as far as 12m.



Improved efficiency with 7-way airflow



By combining the use of Wide-vane mode and Long and vane mode, you can adjust airflow horizontal 7 directions and vertical 6 directions. Exclusive to Mitsubishi Electric, this advantage ensures maximum control over air direction and flow up to 42 ways, which guarantee that the air conditioning effect isn't wasted, where it isn't needed.

* Available in MS-GK18/24



LCD Remote Control

From temperature and operation mode to air volume and direction, you'll be able to customize your environment at a touch of a button. Large, easy-to-identify buttons allow for easy access to frequently used functions. The generous LCD display lets you check temperature and other operating conditions at a glance, while an easy open slide cover prevents inadvertent operation of preset controls and other functions.

Auto Mode: We offer you an easy way to comfort with auto mode. "Auto Vane" is created to set the vane angle automatically. These could let ideal temperature to be achieved in the shortest amount of time.

Mode Change: Change to "I FEEL"-"COOL"-"FAN"-"DRY"

Area Settings: Efficient cooling is realized for the target space.



Fuzzy Logic "I Feel"

In the room too hot or cold, too dry or humid? On auto mode selection, the fuzzy logic control system adjusts conditions to suit you. Your selected temperature setting is stored in the memory system and reproduced automatically each time you operate your air conditioning.



Electronic Metal Housing Box

This special box protects the electronic circuitry from dust ensuring its reliable operation and preventing fire in the event of a short circuit.



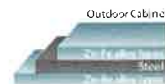
Grooved Piping

High-performance grooved piping is used in heat exchangers to increase the heat exchange area



Anti-rust

All outdoor cabinets have been treated with special anti-rust painting.



Powerful Cool

The automatic, one-touch Powerful Cool system ensures faster cooling. It produces 10% more airflow than the "high fan" speed, cooling the room in less than 15 minutes, then automatically returning to the regular setting.



Computerized dehumidification

Eliminate dampness without lowering the temperature for healthier, more comfortable air-conditioning, while enjoying great year-round economy.



24 Hour Timer

On/Off operation can be set simultaneously in 10-minute increment for a 24-hour period.

* Available in MS-GK18/24



12 Hour On and Off Timer

* Available in MS-GK10/13, MS-HK 10/13/24



Auto Restart

This function permits automatic return to previous operation conditions after a sudden power black-out. You can now sleep peacefully all through the night without having to get up and turn your air-conditioner back on.



Self-diagnostic function

In the unlikely event of a malfunction, the LED on the indoor unit flashes to indicate the exact spot to be checked.



Auto Vertical Vane

The air outlet vane swings left and right so that the airflow is spread quickly in the room.

* Available in MS-GK18/24



Auto Horizontal Vane

The air outlet vane swings up and down so that the airflow is spread evenly throughout the room



Anti Mold

* Available in MS-HK Series



DC Fan Motor

A highly efficient DC motor drives the fan of the indoor unit. Efficiency is much higher than an equivalent AC motor.

MS-GK Series



All units are under 2014 BEE Energy Labelling Scheme



MS-GK10/13/VA



LCD Remote Controller



MS-GK18/24/VA



LCD Remote Controller



MU-GK10/13 VA



MU-GK18 VA



MU-GK24 VA

MS-HK/H Series



LCD Remote Controller



All units are under 2014 BEE Energy Labelling Scheme



MS-HK10/13 VA



MS-H18 VA



MS-HK24 VA



MU-HK10/13 VA



MU-H18 VA



MU-HK24 VA

MS-GK Series



Specifications

Indoor Unit			MS-GK10VA	MS-GK13VA	MS-GK18VA	MS-GK24VA
Outdoor Unit			MU-GK10VA	MU-GK13VA	MU-GK18VA	MU-GK24VA
Power Supply	Source		Outdoor Power supply	Outdoor Power supply	Outdoor Power supply	Outdoor Power supply
	Outdoor(V/Phase/Hz)		230V/SinglePhase/50Hz	230V/SinglePhase/50Hz	230V/SinglePhase/50Hz	230V/SinglePhase/50Hz
Function			Cooling Only	Cooling Only	Cooling Only	Cooling Only
Capacity	Rated	kW	2.7	3.6	5.2	6.6
	TR	TR	0.75	1.0	1.5	2.0
Total Input	Rated	kW	0.740	1.000	1.450	1.850
EER			3.65	3.60	3.59	3.57
Sound Level (SPL)	Indoor Unit (Lo/Mid/Hi/Shi)	dB(A)	26/32/38/44	29/36/42/46	35/41/47/53	37/42/47/53
Air Volume	Indoor Unit	CFM	448	477	777	777
Operating Current			A	3.3	4.5	6.4
Indoor Unit	Dimensions	H*W*D	290 x 799 x 232		325 x 1100 x 238	
	Weight	kg	9	10	16	
Outdoor Unit	Dimensions	H*W*D	525 x 718 x 255		550 x 800 x 285	880 x 840 x 330
	Weight	kg	24.5	33.5	40	63
Breaker Size (MCB required)			A	10	15	20
Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88
	Max. Length	Out-In	m	20	20	30
	Max. Height	Out-In	m	10	10	10
Guaranteed Operating Range			°C	21-46	21-46	21-46
Refrigerant			R410A	R410A	R410A	R410A
BEE Star Rating			5 star	5 star	5 star	5 star

MS-HK/H Series



Specifications

Indoor Unit			MS-HK10VA	MS-HK13VA	MS-H18VA	MS-HK24VA
Outdoor Unit			MU-HK10VA	MU-HK13VA	MU-H18VA	MU-HK24VA
Power Supply	Source		Outdoor Power supply	Outdoor Power supply	Outdoor Power supply	Outdoor Power supply
	Outdoor(V/Phase/Hz)		230V/SinglePhase/50Hz	230V/SinglePhase/50Hz	230V/SinglePhase/50Hz	230V/SinglePhase/50Hz
Function			Cooling Only	Cooling Only	Cooling Only	Cooling Only
Capacity	Rated	kW	2.6	3.4	4.9	6.4
	TR	TR	0.75	1.0	1.5	2.0
Total Input	Rated	kW	0.805	1.050	1.48	2.020
EER			3.23	3.24	3.29	3.17
Sound Level (SPL)	Indoor Unit (Lo/Mid/Hi/Shi)	dB(A)	26/34/41/44	29/36/44/48	34/38/42/45	37/42/47/53
Air Volume	Indoor Unit	CFM	360	431	639	660
Operating Current			A	3.6	4.8	6.7
Indoor Unit	Dimensions	H*W*D	290 x 799 x 232		325 X 1100 X 238	
	Weight	kg	9		16	
Outdoor Unit	Dimensions	H*W*D	525 x 718 x 255		550 X 800 X 285	880 x 840 x 330
	Weight	kg	24	32.5	38	58
Breaker Size (MCB required)			A	10	15	20
Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88
	Max. Length	Out-In	m	20	20	30
	Max. Height	Out-In	m	10	10	10
Guaranteed Operating Range			°C	21-46	21-46	21-46
Refrigerant			R410A	R410A	R410A	R410A
BEE Star Rating			3 star	3 star	3 star	3 star