MSH-GF SERIES

MSH-GF25/35VA

MSH-GF50/60/80VA
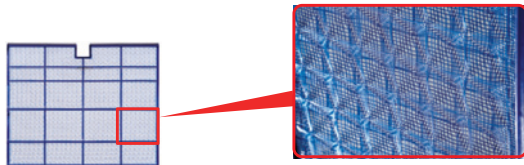
The unique product series: The perfect combination of cooling and heating capability. MSH-GF series, featuring Easy Clean Design and a highly effective Nano Platinum air purifying system, brings the most comfort to your room. Furthermore, the perfect combination of cooling and heating capability in a deluxe unit so much saves your investment expense.

Nano Platinum Filter

Nano Platinum

The filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodourising effects.
The size of the three-dimensional surface has been increased as well, enlarging the filter capture area.
These features give the Nano Platinum Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.
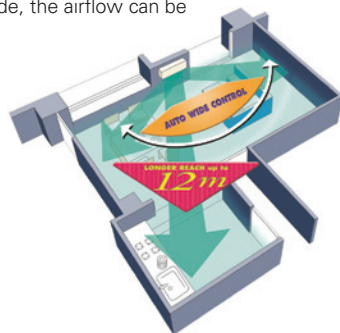
✻ It is okay to wash the filter with water

Wide & Long Airflow (50-80)

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 new designed "Long mode" to push air out further, provinding an extended airflow that can reach the far end of the long living rooms or reach the kitchen in open-concept living areas and studios.
When operating in Long mode, the airflow can be extended as far as 12 m.

AUTO WIDE CONTROL

LONGER REACH up to *12m*
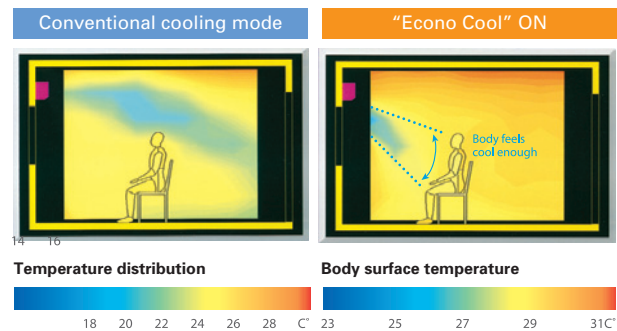
⊢ Air flow reaches up to 12m. ⊣

Temperature range   Mitsubishi environmental laboratory test results

14   16   18   20   22   24   26   28

Econo Cool - smart save

Econo Cool

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 cooling mode	"Econo Cool" ON

Body feels cool enough

14   16

Temperature distribution   **Body surface temperature**

18   20   22   24   26   28   C°   23   25   27   29   31C°

Ensures more comfort even when the set temperature is 2°C higher than the conventional cooling mode.

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

Heat Down to -10°C

The granted heating operation range has -10 °C as lower limit.

Cool up to +46°C

Cooling operation up to +46°C for all MSH-GF serie.

MSH-GF SERIES — SERIES SELECTION

Indoor Unit

MSH-GF25/35VA

MSH-GF50/60/80VA

Outdoor Unit

MUH-GF25/35/50VA

MUH-GF60/80VA

Remote Controller

MSH-GF SERIES

Type				Fixed-Speed - Heat Pump				
Indoor Unit				MSH-GF25VA	MSH-GF35VA	MSH-GF50VA	MSH-GF60VA	MSH-GF80VA
Outdoor Unit				MUH-GF25VA	MUH-GF35VA	MUH-GF50VA	MUH-GF60VA	MUH-GF80VA
Refrigerant				R410A				
Power Supply	Source			Outdoor Power Supply				
	Outdoor (V / Phase / Hz)			230 V/ Single / 50				
Cooling	Capacity	Rated	kW	2,65	3,40	4,90	6,20	7,70
		Min-Max	kW	-	-	-	-	-
	Total Input	Rated	kW	0,82	1,07	1,77	2,00	2,80
	EER			3,23	3,18	2,77	3,10	2,75
	SPL	Indoor Unit (Low/High)	dBA	25 - 36	26 - 40	34 - 42	37 - 45	39 - 47
Heating	Capacity	Rated	kW	3,00	3,70	5,10	6,70	8,50
		Min-Max	kW	-	-	-	-	-
	Total Input	Rated	kW	0,82	1,08	1,50	2,10	2,82
	COP			3,66	3,43	3,40	3,19	3,01
	SPL	Indoor Unit (Low/High)	dBA	25 - 36	26 - 40	37 - 45	34 - 45	37 - 47
Operating Current (Cool)			A	3,9	4,8	8,1	9,1	12,6
Operating Current (Heat)			A	3,9	5,0	6,9	9,5	12,7
Indoor Unit	Dimensions	HxWxD	mm	295 - 798 - 232	295 - 798 - 232	325 - 1100 - 238	325 - 1100 - 238	325 - 1100 - 238
	Weight		kg	9	9	16	16	16
	Air Volume	Indoor Unit (High)	m³/min	7,9	8,8	14,1	16,7	18,7
Outdoor Unit	Dimensions	HxWxD	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	880 - 840 - 330	880 - 840 - 330
	Weight		kg	33	39	40	67	76
Ext. Piping	Diameter	Liquid/Gas	mm	6,35 / 9,52	6,35 / 9,52	6,35 / 12,7	6,35 / 15,88	9,52 / 15,88
	Max. Length	Out-In	m	20	25	30	30	30
	Max. Height	Out-In	m	10	10	10	10	15
Guaranteed Operating Range (Outdoor DryBulb)	Cooling		℃	21 ~ 46	21 ~ 46	21 ~ 46	21 ~ 46	21 ~ 46
	Heating		℃	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24