

MSZ-HR SERIES

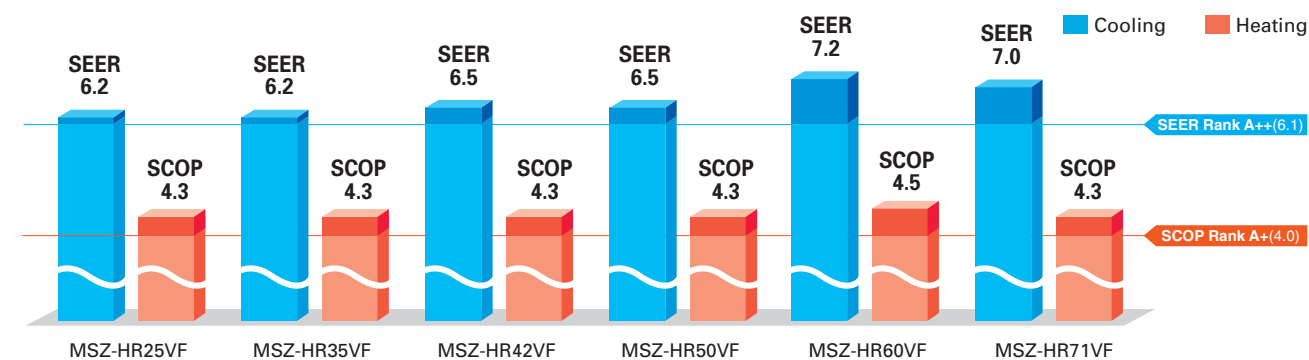
Compact, high-performance indoor and outdoor units with R32 that is low global warming potential compared with the current refrigerant R410A contribute to room comfort and to prevent global warming.



"Rank A++/A+" Energy Savings Achieved for Entire Range of Series

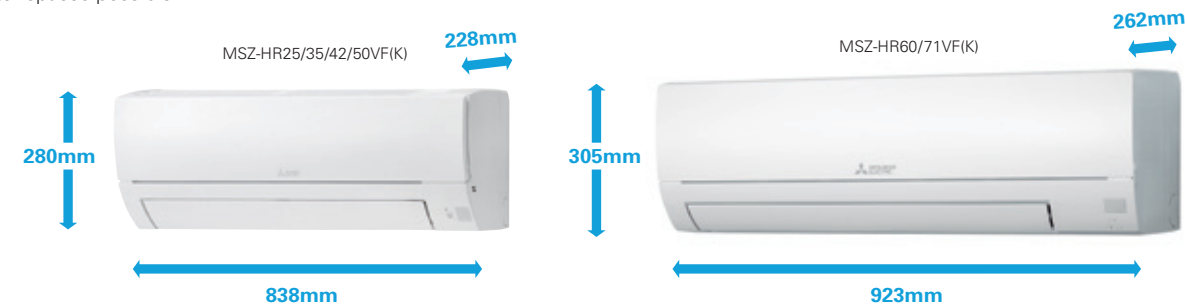


All models in the series, from capacity 25 to 71, have achieved the "Rank A++" for SEER and "Rank A+" for SCOP as energy-savings rating, thanks to Mitsubishi Electric's inverter technologies which are adopted to provide automatic adjustment of operation load according to need.



Simple and Friendly Design

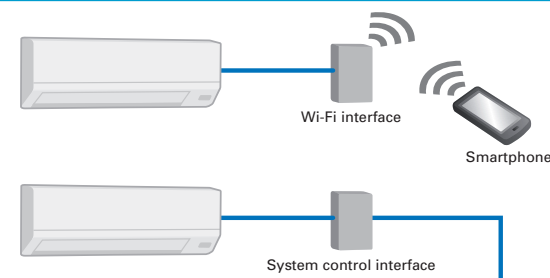
The round front surface provides a simple and friendly impression. And the width of indoor unit is compact, making installation in smaller, tighter spaces possible.



Wi-Fi and System Control

Wi-Fi Interface (Built-in) *Only V GK model

Built-in interface enabling users to control air conditioners and check operating status via devices such as personal computers, tablets and smartphones.



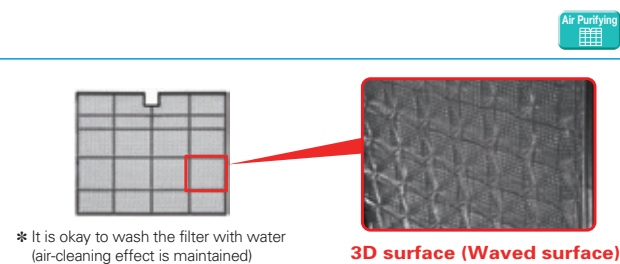
System Control Interface (Optional)

- Remote on/off operation is possible by input to the connector.
- Depending on the interface used, connecting a wired remote-control such as the PAR-41MAA is possible.
- Centralised control is possible when connected to M-NET.

*Wi-Fi Interface and System Control Interface cannot be used simultaneously.

Air Purifying Filter

This filter generates stable antibacterial and deodorising effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the Air Purifying Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.



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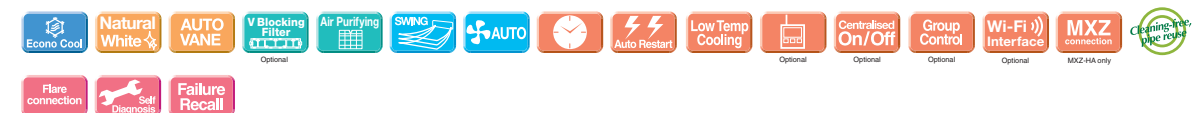
Indoor Unit



Outdoor Unit



Remote Controller



Type	MSZ-HR25VF(K)	MSZ-HR35VF(K)	MSZ-HR42VF(K)	MSZ-HR50VF(K)	MSZ-HR60VF(K)	MSZ-HR71VF(K)
Indoor Unit	MSZ-HR25VF(K)	MSZ-HR35VF(K)	MSZ-HR42VF(K)	MSZ-HR50VF(K)	MSZ-HR60VF(K)	MSZ-HR71VF(K)
Outdoor Unit	MUZ-HR25VF	MUZ-HR35VF	MUZ-HR42VF	MUZ-HR50VF	MUZ-HR60VF	MUZ-HR71VF
Refrigerant	R32 ⁽¹⁾					
Power Supply	Outdoor Power supply 230V/Single/50Hz					
Cooling	Design load	kW	2.5	3.4	4.2	5.0
	Annual electricity consumption ⁽²⁾	kWh/a	141	191	226	269
	SEER ⁽³⁾		6.2	6.2	6.5	6.5
	Energy efficiency class		A++	A++	A++	A++
	Capacity	kW	2.5	3.4	4.2	5.0
Heating	Design load	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)
	Declared Capacity	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)
	Back up heating capacity	kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)
	Annual electricity consumption ⁽²⁾	kWh/a	614	781	928	1224
	SCOP ⁽⁴⁾		4.3	4.3	4.3	4.3
Operating Current (Max)	Input	kW	0.020	0.028	0.032	0.039
	Operating Current(Max)	A	0.2	0.27	0.3	0.36
	Dimensions	H*W*D	280-838-228	280-838-228	280-838-228	280-838-228
	Weight	kg	8.5	8.5	9	9
	Air Volume	m³/min	3.6 - 5.4 - 7.2 - 9.7	3.6 - 5.6 - 7.8 - 11.7	6.0 - 8.7 - 10.8 - 13.1	6.4 - 9.2 - 11.2 - 13.1
Indoor Unit	Sound Level (SPL)	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	24 - 34 - 39 - 45	28 - 36 - 40 - 45
	Sound Level (PWL)	dB(A)	57	60	60	60
	Dimensions	H*W*D	538-699-249	538-699-249	550-800-285	550-800-285
	Weight	kg	23	24	34	40
	Air Volume	m³/min	30.3	32.2	30.4	30.4
Outdoor Unit	Sound Level (SPL)	dB(A)	50	51	50	50
	Sound Level (PWL)	dB(A)	63	64	64	64
	Operating Current (Max)	A	4.8	6.4	8.2	9.6
	Breaker Size	A	10	10	12	16
	Diameter	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
Ext. Piping	Max.Length	m	20	20	20	30
	Max.Height	m	12	12	12	15
	Guaranteed Operating Range (Outdoor)	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
(2) The GWP of R32 is 675 in the IPCC 4th Assessment Report.
(3) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
(4) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No 626/2011. The temperature conditions for calculating SCOP are based on "Average Season".
(5) Please see page 53-55 for heating (warmer season) specifications.