

# MSZ-HR SERIES



## Indoor Unit

R32



MSZ-HR25/35/42/50VF



MSZ-HR60/71VF

## Outdoor Unit



MUZ-HR25VF



MUZ-HR35VF

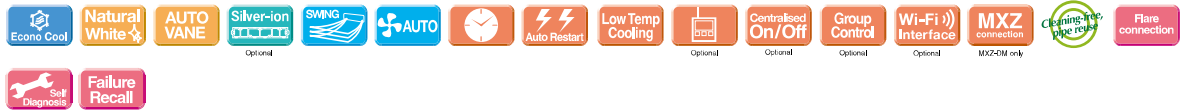


MUZ-HR42/50VF



MUZ-HR60/71VF

## Remote Controller



Type	Inverter Heat Pump								
Indoor Unit	MSZ-HR25VF	MSZ-HR35VF	MSZ-HR42VF	MSZ-HR50VF	MSZ-HR60VF	MSZ-HR71VF			
Outdoor Unit	MUZ-HR25VF	MUZ-HR35VF	MUZ-HR42VF	MUZ-HR50VF	MUZ-HR60VF	MUZ-HR71VF			
Refrigerant	R32 <sup>(1)</sup>								
Power Source	Outdoor Power supply								
Supply	Outdoor (V / Phase / Hz)								
							230V/Single/50Hz		
Cooling	Design load	kW	2.5	3.4	4.2	5.0	6.1	7.1	
	Annual electricity consumption <sup>(2)</sup>	kWh/a	141	191	226	269	296	355	
	SEER <sup>(4)</sup>		6.2	6.2	6.5	6.5	7.2	7.0	
	Capacity	Energy efficiency class		A++	A++	A++	A++	A++	A++
		Rated	kW	2.5	3.4	4.2	5.0	6.1	7.1
Total Input	Min-Max	kW	0.5-2.9	0.9-3.4	1.1-4.6	1.3-5.0	1.7-7.1	1.8-7.3	
	Rated	kW	0.800	1.210	1.340	2.050	1.810	2.330	
Heating (Average Season) <sup>(5)</sup>	Design load	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)	
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
		at bivalent temperature	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
		at operation limit temperature	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
	Back up heating capacity	kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	
Annual electricity consumption <sup>(2)</sup>	kWh/a	614	781	928	1224	1430	1755		
SCOP <sup>(4)</sup>	Energy efficiency class		A+	A+	A+	A+	A+	A+	
	Rated	kW	3.15	3.6	4.7	5.4	6.8	8.1	
Capacity	Min-Max	kW	0.7-3.5	0.9-3.7	0.9-5.4	1.4-6.5	1.5-8.5	1.5-9.0	
	Rated	kW	0.850	0.975	1.300	1.550	1.810	2.440	
Operating Current (Max)	Input	A	5.0	6.7	8.5	10.0	14.1	14.1	
	Rated	kW	0.020	0.028	0.032	0.039	0.055	0.055	
Operating Current(Max)	Input		A	0.2	0.27	0.3	0.36	0.5	
	Dimensions	H*W*D	mm	280-838-228	280-838-228	280-838-228	280-838-228	305-923-262	305-923-262
Indoor Unit	Weight	kg	8.5	8.5	9	9	12.5	12.5	
	Air Volume (Lo-Mid-Hi-SH <sup>(3)</sup> /Dry/Wet)	Cooling	m <sup>3</sup> /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	10.4 - 12.6 - 15.4 - 19.6	10.4 - 12.6 - 15.4 - 19.6
		Heating	m <sup>3</sup> /min	3.3 - 5.4 - 7.4 - 10.1	3.3 - 5.4 - 7.4 - 10.5	5.6 - 7.9 - 10.8 - 13.4	6.1 - 8.3 - 11.2 - 14.5	10.7 - 13.1 - 16.7 - 19.6	10.7 - 13.1 - 16.7 - 19.6
	Sound Level (SPL) (Lo-Mid-Hi-SH <sup>(3)</sup> )	Cooling	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	24 - 34 - 39 - 45	26 - 36 - 40 - 45	33 - 38 - 44 - 50	33 - 38 - 44 - 50
		Heating	dB(A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44	24 - 32 - 40 - 46	27 - 34 - 41 - 47	33 - 38 - 44 - 50	33 - 38 - 44 - 50
Sound Level (PWL)	Cooling	dB(A)	57	60	60	60	65	65	
Outdoor Unit	Dimensions	H*W*D	mm	538-699-249	538-699-249	550-800-285	550-800-285	714-800-285	714-800-285
	Weight	kg	23	24	34	35	40	40	
	Air Volume	Cooling	m <sup>3</sup> /min	30.3	32.2	30.4	30.4	42.8	42.8
		Heating	m <sup>3</sup> /min	30.3	32.2	32.7	32.7	48.3	48.3
	Sound Level (SPL)	Cooling	dB(A)	50	51	50	50	53	53
Heating		dB(A)	50	51	51	51	57	57	
Sound Level (PWL)	Cooling	dB(A)	63	64	64	64	66	66	
Operating Current (Max)	Input		A	4.8	6.4	8.2	9.6	13.6	13.6
	Breaker Size		A	10	10	10	12	16	16
Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7
	Max.Length	Out-In	m	20	20	20	20	30	30
	Max.Height	Out-In	m	12	12	12	12	15	15
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	

<sup>(1)</sup> 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 CO<sub>2</sub> 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.

<sup>(2)</sup> Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

<sup>(3)</sup> SHI: Super High

<sup>(4)</sup> 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".

<sup>(5)</sup> Please see page 51-52 for heating (warmer season) specifications.