

MSZ-HR SERIES



Indoor Unit

R32



MSZ-HR25/35/42/50VF(K)



MSZ-HR60/71VF(K)

Outdoor Unit



MUZ-HR25VF



MUZ-HR35VF

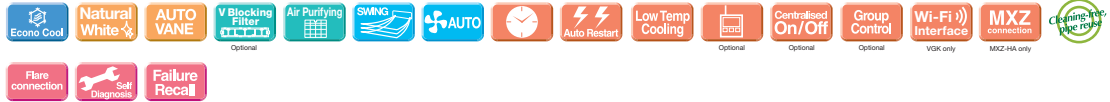


MUZ-HR42/50VF



MUZ-HR60/71VF

Remote Controller



Type		Inverter Heat Pump					
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	Source	Outdoor Power supply					
	Outdoor (V / Phase / Hz)	230V/Single/50Hz					
Cooling	Design load	kW	2.5	3.4	4.2	5.0	6.1
	Annual electricity consumption ⁽²⁾	kWh/a	141	191	226	269	355
	SEER ⁽²⁾		6.2	6.2	6.5	6.5	7.0
	Energy efficiency class		A++	A++	A++	A++	A++
	Capacity						
Heating (Average Season) ⁽³⁾	Rated	kW	2.5	3.4	4.2	5.0	6.1
	Min-Max	kW	0.5-2.9	0.9-3.4	1.1-4.6	1.3-5.0	1.7-7.1
	Total Input	kW	0.800	1.210	1.340	2.050	1.810
	Design load	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)	4.6 (-10°C)
	Declared Capacity						
Heating (Average Season) ⁽³⁾	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)
	at bivalent temperature	kW	1.9 (-10°C)	2.4 (-10°C)	2.9 (-10°C)	3.8 (-10°C)	4.6 (-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)
	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)
	Annual electricity consumption ⁽²⁾	kWh/a	614	781	928	1224	1755
Operating Current (Max)	SCOP ⁽²⁾		4.3	4.3	4.3	4.3	4.3
	Energy efficiency class		A+	A+	A+	A+	A+
	Rated	kW	3.15	3.6	4.7	5.4	6.8
	Capacity						
	Min-Max	kW	0.7-3.5	0.9-3.7	0.9-5.4	1.4-6.5	1.5-9.0
Indoor Unit	Total Input	kW	0.850	0.975	1.300	1.550	1.810
	Operating Current (Max)	A	5.0	6.7	8.5	10.0	14.1
	Input	kW	0.020	0.028	0.032	0.039	0.055
	Operating Current (Max)	A	0.2	0.27	0.3	0.36	0.5
	Dimensions	H*W*D	280-838-228	280-838-228	280-838-228	280-838-228	305-923-262
Outdoor Unit	Weight	kg	8.5	8.5	9	9	12.5
	Air Volume						
	Cooling	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	10.4 - 12.6 - 15.4 - 19.6
	Heating	m³/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
	Sound Level (SPL)						
Outdoor Unit	Cooling	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	24 - 34 - 39 - 45	28 - 36 - 40 - 45	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
	Sound Level (PWL)						
	Cooling	dB(A)	57	60	60	60	65
	Heating	dB(A)	57	60	60	60	65
Ext. Piping	Dimensions	H*W*D	538-699-249	538-699-249	550-800-285	550-800-285	714-800-285
	Weight	kg	23	22	32.5	34	40
	Air Volume						
	Cooling	m³/min	30.3	32.2	30.4	30.4	42.8
	Heating	m³/min	30.3	32.2	32.7	32.7	48.3
Guaranteed Operating Range (Outdoor)	Sound Level (SPL)						
	Cooling	dB(A)	50	51	50	50	53
	Heating	dB(A)	50	51	51	51	57
	Sound Level (PWL)						
	Cooling	dB(A)	63	64	64	64	66
Guaranteed Operating Range (Outdoor)	Operating Current (Max)	A	4.8	6.4	8.2	9.6	13.6
	Breaker Size	A	10	10	10	12	16
	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max.Length	Out-In	m	20	20	20	30
	Max.Height	Out-In	m	12	12	12	15
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24

(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.
The GWP of R32 is 675 in the IPCC 4th Assessment Report.
(2) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
(3) SH: Super High
(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 57-59 for heating (warmer season) specifications.