

Indoor Unit			MSZ-HR25VF	MSZ-HR35VF	MSZ-HR42VF	MSZ-HR50VF			
Outdoor Unit			MUZ-HR25VF	MUZ-HR35VF	MUZ-HR42VF	MUZ-HR50VF			
Refrigerant			R32 <sup>(*)</sup>						
Power Supply			Outdoor Power supply						
Source			230V/Single/50Hz	230V/Single/50Hz	230V/Single/50Hz	230V/Single/50Hz			
Cooling	Design load	kW	2.5	3.4	4.2	5.0			
	Annual electricity consumption <sup>(*)</sup>	kWh/a	141	191	226	269			
	SEER		6.2	6.2	6.5	6.5			
	Energy efficiency class			A++	A++	A++	A++		
	Capacity	Rated	kW	2.5	3.4	4.2	5.0		
		Min-Max	kW	0.5-2.9	0.9-3.4	1.1-4.6	1.3-5.0		
	Total Input	Rated	kW	0.800	1.210	1.340	2.050		
		EER		3.13	2.81	3.13	2.44		
	EEL Rank			B	C	B	D or less		
	Heating (Average Season)	Design load	kW	1.9(-10°C)	2.4(-10°C)	2.9(-10°C)	3.8(-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)		
		at bivalent temperature	kW	1.9(-10°C)	2.4(-10°C)	2.9(-10°C)	3.8(-10°C)		
		at operation limit temperature	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 <sup>(*)</sup>		kWh/a	614	781	928	1224			
SCOP			4.3	4.3	4.3	4.3			
Energy efficiency class			A+	A+	A+	A+			
Capacity		Rated	kW	3.15	3.6	4.7	5.4		
		Min-Max	kW	0.7-3.5	0.9-3.7	0.9-5.4	1.4-6.5		
Total Input		Rated	kW	0.850	0.975	1.300	1.550		
		COP		3.71	3.69	3.62	3.48		
EEL Rank			A	A	A	B			
Heating (Warmer Season)	Design load	kW	1.1(2°C)	1.3(2°C)	1.6(2°C)	2.1(2°C)			
	Declared Capacity	at reference design temperature	kW	1.1(2°C)	1.3(2°C)	1.6(2°C)	2.1(2°C)		
		at bivalent temperature	kW	1.1(2°C)	1.3(2°C)	1.6(2°C)	2.1(2°C)		
		at operation limit temperature	kW	1.9(-10°C)	2.4(-10°C)	2.9(-10°C)	3.8(-10°C)		
	Back up heating capacity	kW	0.0(2°C)	0.0(2°C)	0.0(2°C)	0.0(2°C)			
	Annual electricity consumption <sup>(*)</sup>	kWh/a	289	344	427	558			
	SCOP		5.3	5.2	5.2	5.2			
	Energy efficiency class			A+++	A+++	A+++	A+++		
	Capacity	Rated	kW	3.2	3.6	4.7	5.4		
		Min-Max	kW	0.7-3.5	0.9-3.7	0.9-5.4	1.4-6.5		
	Total Input	Rated	kW	0.850	0.975	1.300	1.550		
		COP		3.71	3.69	3.62	3.48		
	EEL Rank			A	A	A	B		
Operating Current(Max)			A	5.0	6.7	8.5	10.0		
Indoor Unit	Input	Rated	kW	0.020	0.028	0.032	0.039		
	Operating Current(Max)		A	0.2	0.27	0.3	0.36		
	Dimensions		H x W x D	mm	280 x 838 x 228	280 x 838 x 228	280 x 838 x 228	280 x 838 x 228	
	Weight		kg	8.5	8.5	9	9		
	Air Volume	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		
		(Lo-Mid-Hi-Shi <sup>(*)</sup> )(Dry/Wet)	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		
	Sound Level (SPL)	Cooling	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	24 - 34 - 39 - 45	28 - 36 - 40 - 45		
		(Lo-Mid-Hi-Shi <sup>(*)</sup> )	dB(A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44	24 - 32 - 40 - 46	27 - 34 - 41 - 47		
	Sound Level (PWL)	Cooling	dB(A)	57	60	60	60		
	Outdoor Unit			Dimensions	H x W x D	mm	538 x 699 x 249	538 x 699 x 249	550 x 800 x 285
Outdoor Unit	Weight		kg	23	24	34	35		
	Air Volume	Cooling	m <sup>3</sup> /min	30.3	32.2	30.4	30.4		
		Heating	m <sup>3</sup> /min	30.3	32.2	32.7	32.7		
	Sound Level (SPL)	Cooling	dB(A)	50	51	50	50		
		Heating	dB(A)	50	51	51	51		
	Sound Level (PWL)	Cooling	dB(A)	63	64	64	64		
	Operating Current(Max)		A	4.8	6.4	8.2	9.6		
	Breaker Size		A	10	10	10	12		
	Ext.Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52	
		Max.Length	Out-In	m	20	20	20	20	
Max.Height		Out-In	m	12	12	12	12		
Guaranteed Operating Range(Outdoor)			Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
			Heating	°C	-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 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 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.

(\*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) SHi: Super High.