

Indoor Unit				MSZ-SF42VE3	MSZ-SF42VE3	MSZ-SF50VE3	MSZ-SF50VE3	
Outdoor Unit				MUZ-SF42VE	MUZ-SF42VEH	MUZ-SF50VE	MUZ-SF50VEH	
Refrigerant				R410A (*1)	R410A (*1)	R410A (*1)	R410A (*1)	
Power Supply	Source			Outdoor Power supply	Outdoor Power supply	Outdoor Power supply	Outdoor Power supply	
	Outdoor (V/Phase/Hz)			230V/Single/50Hz	230V/Single/50Hz	230V/Single/50Hz	230V/Single/50Hz	
Cooling	Capacity	Rated	kW	4.2	4.2	5.0	5.0	
		Min. - Max.	kW	0.8 - 4.5	0.8 - 4.5	1.4 - 5.4	1.4 - 5.4	
	SHF			0.72	0.72	0.7	0.7	
	Total Input	Rated	kW	1.340	1.340	1.660	1.660	
	EER			3.13	3.13	3.01	3.01	
	EEL Rank			B	B	B	B	
	Design load		kW	4.2	4.2	5.0	5.0	
	Annual electricity consumption (*2)			196	196	246	246	
	SEER			7.5	7.5	7.2	7.2	
	Energy efficiency class			A++	A++	A++	A++	
Heating	Capacity	Rated	kW	5.4	5.4	5.8	5.8	
		Min. - Max.	kW	1.3 - 6.0	1.3 - 6.0	1.4 - 7.3	1.4 - 7.3	
	Total Input	Rated	kW	1.580	1.580	1.700	1.700	
	COP			3.42	3.42	3.41	3.41	
	EEL Rank			B	B	B	B	
	Design load		kW	3.8(-10°C)	3.8(-10°C)	4.2(-10°C)	4.2(-10°C)	
	Declared Capacity	at reference design temperature	kW	3.8(-10°C)	3.8(-10°C)	4.2(-10°C)	4.2(-10°C)	
		at bivalent temperature	kW	3.8(-10°C)	3.8(-10°C)	4.2(-10°C)	4.2(-10°C)	
		at operation limit temperature	kW	3.4(-15°C)	2.2(-20°C)	3.4(-15°C)	2.3(-20°C)	
	Back up heating capacity			0.0(-10°C)	0.0(-10°C)	0.0(-10°C)	0.0(-10°C)	
	Annual electricity consumption (*2)			1215	1242	1351	1380	
	SCOP			4.4	4.3	4.4	4.3	
	Energy efficiency class			A+	A+	A+	A+	
	Operating Current (Max.)			A	9.5	9.5	12.3	12.3
	Indoor Unit	Input	Rated	kW	0.027	0.027	0.035	0.035
Operating Current (Max.)			A	0.3	0.3	0.3		
Dimensions			H x W x D	299 x 798 x 195	299 x 798 x 195	299 x 798 x 195		
Weight			kg	10	10	10		
Air Volume (Silent-Lo-Mid-Hi-SHi (*3) (Dry/Wet))		Cooling	m ³ /min.	4.7 - 5.8 - 6.7 - 7.9 - 9.1	4.7 - 5.8 - 6.7 - 7.9 - 9.1	5.1 - 6.2 - 7.0 - 8.2 - 9.9	5.1 - 6.2 - 7.0 - 8.2 - 9.9	
		Heating	m ³ /min.	4.7 - 5.8 - 7.2 - 9.1 - 11.4	4.7 - 5.8 - 7.2 - 9.1 - 11.4	5.1 - 6.4 - 8.0 - 9.8 - 12.0	5.1 - 6.4 - 8.0 - 9.8 - 12.0	
Sound Level (SPL) (Silent-Lo-Mid-Hi-SHi (*3))		Cooling	dB(A)	26 (*4) - 31 - 34 - 38 - 42	26 (*4) - 31 - 34 - 38 - 42	28 (*5) - 33 - 36 - 40 - 45	28 (*5) - 33 - 36 - 40 - 45	
		Heating	dB(A)	26 (*4) - 31 - 36 - 42 - 47	26 (*4) - 31 - 36 - 42 - 47	28 (*5) - 33 - 38 - 43 - 49	28 (*5) - 33 - 38 - 43 - 49	
Sound Level (PWL)			Cooling	dB(A)	57	57	58	
Outdoor Unit	Dimensions			H x W x D	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330	
	Weight			kg	35	35	55	
	Air Volume	Cooling	m ³ /min.	35.2	35.2	44.6	44.6	
		Heating	m ³ /min.	33.6	33.6	44.6	44.6	
	Sound Level (SPL)	Cooling	dB(A)	50	50	52	52	
		Heating	dB(A)	51	51	52	52	
	Sound Level (PWL)			Cooling	dB(A)	63	63	
	Operating Current (Max.)			A	9.2	9.2	12.0	
	Breaker Size			A	10	10	16	
	Ext.Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.7
Max.Length		Out-In	m	20	20	30	30	
Max.Height		Out-In	m	12	12	15	15	
Guaranteed Operating Range (Outdoor)			Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	
			Heating	°C	-15 ~ +24	-20 ~ +24	-15 ~ +24	-20 ~ +24

SPECIFICATIONS WALL-MOUNTED

(*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 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) 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.

(*4) SF42 For single use: only 26dB(A). For multi use (MXZ): 28dB(A)

(*5) SF50 For single use: only 28dB(A). For multi use (MXZ): 30dB(A)