

Indoor Unit		MSZ-LN18VG2	MSZ-LN25VG2	MSZ-LN35VG2	MSZ-LN50VG2	MSZ-LN60VG2		
Outdoor Unit		for Multi connection	MUZ-LN25VG2	MUZ-LN35VG2	MUZ-LN50VG2	MUZ-LN60VG2		
Refrigerant		R32	R32	R32	R32	R32		
Power Supply		Source Outdoor (V/Phase/Hz)	Outdoor Power supply 230/Single/50	Outdoor Power supply 230/Single/50	Outdoor Power supply 230/Single/50	Outdoor Power supply 230/Single/50		
Cooling	Design load	kW	-	2.5	3.5	5.0	6.1	
	Annual electricity consumption ^(*)	kWh/a	-	83	129	205	285	
	SEER		-	10.5	9.5	8.5	7.5	
	Capacity	Energy efficiency class		-	A+++	A+++	A+++	A++
		Rated	kW	-	2.5	3.5	5.0	6.1
		Min-Max	kW	-	1.0-3.5	0.8-4.0	1.0-6.0	1.4-6.9
	SHF			-	0.97	0.9	0.77	0.75
	Total Input	Rated	kW	-	0.485	0.820	1.380	1.790
	EER			-	5.15	4.27	3.62	3.41
		EEL Rank		-	A	A	A	A
Heating (Average Season)	Design load	kW	-	3.0(-10°C)	3.6(-10°C)	4.5(-10°C)	6.0(-10°C)	
	Declared Capacity	at reference design temperature	kW	-	3.0(-10°C)	3.6(-10°C)	4.5(-10°C)	6.0(-10°C)
		at bivalent temperature	kW	-	3.0(-10°C)	3.6(-10°C)	4.5(-10°C)	6.0(-10°C)
		at operation limit temperature	kW	-	2.5(-15°C)	3.2(-15°C)	4.2(-15°C)	6.0(-15°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 ^(*)	kWh/a	-	807	987	1369	1816	
	SCOP		-	5.2	5.1	4.6	4.6	
	Capacity	Energy efficiency class		-	A+++	A+++	A++	A++
		Rated	kW	-	3.2	4.0	6.0	6.8
		Min-Max	kW	-	0.7-5.4	0.9-6.3	1.0-8.2	1.8-9.3
Total Input	Rated	kW	-	0.600	0.820	1.480	1.810	
COP			-	5.33	4.88	4.05	3.76	
	EEL Rank		-	A	A	A	A	
Heating (Warmer Season)	Design load	kW	-	1.7(2°C)	2.0(2°C)	2.5(2°C)	3.3(2°C)	
	Declared Capacity	at reference design temperature	kW	-	1.7(2°C)	2.0(2°C)	2.5(2°C)	3.3(2°C)
		at bivalent temperature	kW	-	1.7(2°C)	2.0(2°C)	2.5(2°C)	3.3(2°C)
		at operation limit temperature	kW	-	2.5(-15°C)	3.2(-15°C)	4.2(-15°C)	6.0(-15°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 ^(*)	kWh/a	-	369	431	602	780	
	SCOP		-	6.4	6.5	5.8	5.9	
	Capacity	Energy efficiency class		-	A+++	A+++	A+++	A+++
		Rated	kW	-	7.1	9.9	13.9	15.2
	Operating Current (Max)		A	-	7.1	9.9	13.9	15.2
Indoor Unit	Input	Rated	kW	0.027	0.027	0.027	0.034	0.040
	Operating Current (Max)		A	0.3	0.3	0.3	0.4	0.4
	Dimensions	H x W x D	mm	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233
	Weight		kg	14.5(W)15.5(V,R,B)	14.5(W)15.5(V,R,B)	14.5(W)15.5(V,R,B)	15(W)16(V,R,B)	15(W)16(V,R,B)
	Air Volume (SLo-Lo-Mid-Hi-SHi ^{(*)2} (Dry/Wet))	Cooling	m ³ /min	4.7-5.9-7.1-9.2-12.4	4.7-5.9-7.1-9.2-12.4	4.7-5.9-7.1-9.2-13.0	5.7-7.6-8.8-10.6-13.9	7.1-8.8-10.6-12.7-15.7
		Heating	m ³ /min	4.5-6.6-7.5-11.0-13.9	4.5-6.6-7.5-11.0-13.9	4.5-6.6-7.5-11.0-13.9	5.4-6.4-8.5-10.7-15.7	6.6-9.5-11.5-13.6-15.7
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi ^{(*)2})	Cooling	dB(A)	19-23-29-36-42	19-23-29-36-42	19-24-29-36-43	27-31-35-39-46	29-37-41-45-49
		Heating	dB(A)	19-24-29-38-45	19-24-29-38-45	19-24-29-38-45	25-29-34-39-47	29-37-41-45-49
	Sound Level (PWL)	Cooling	dB(A)	58	58	59	60	65
	Outdoor Unit	Dimensions	H x W x D	mm	-	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285
Weight			kg	-	33	34	40	53
Air Volume		Cooling	m ³ /min	-	34.3	34.3	40	48.8
		Heating	m ³ /min	-	32.7	32.7	40.5	55.0
Sound Level (SPL)		Cooling	dB(A)	-	46	49	51	55
		Heating	dB(A)	-	49	50	54	55
Sound Level (PWL)		Cooling	dB(A)	-	60	61	64	65
Operating Current (Max)			A	-	6.8	9.6	13.5	14.8
Breaker Size			A	-	10	10	16	16
Ext.Piping		Diameter	Liquid/Gas	mm	-	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	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	-10 ~ +46	
	Heating	°C	-	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	

(*1) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(*2) SHi: Super High.

WALL-MOUNTED SPECIFICATIONS

Indoor Unit				MSZ-LN25VG2	MSZ-LN35VG2	MSZ-LN50VG2	
Outdoor Unit				MUZ-LN25VGHZ2	MUZ-LN35VGHZ2	MUZ-LN50VGHZ2	
Refrigerant				R32	R32	R32	
Power Supply				Outdoor Power supply	Outdoor Power supply	Outdoor Power supply	
Cooling				230/Single/50	230/Single/50	230/Single/50	
Cooling	Design load		kW	2.5	3.5	5.0	
	Annual electricity consumption ^(*)		kWh/a	83	130	230	
	SEER			10.5	9.4	7.6	
		Energy efficiency class		A+++	A+++	A++	
	Capacity	Rated		kW	2.5	3.5	5.0
		Min-Max		kW	0.8-3.5	0.8-4.0	1.4-5.8
	SHF			0.97	0.9	0.77	
	Total Input	Rated		kW	0.485	0.820	1.380
	EER			5.15	4.27	3.62	
		EEL Rank		A	A	A	
Heating (Average Season)	Design load		kW	3.2(-10°C)	4.0(-10°C)	6.0(-10°C)	
	Declared Capacity	at reference design temperature	kW	3.2(-10°C)	4.0(-10°C)	6.0(-10°C)	
		at bivalent temperature	kW	3.2(-10°C)	4.0(-10°C)	6.0(-10°C)	
		at operation limit temperature	kW	2.3(-25°C)	3.1(-25°C)	4.7(-25°C)	
	Back up heating capacity		kW	0.0(-10°C)	0.0(-10°C)	0.0(-10°C)	
	Annual electricity consumption ^(*)		kWh/a	861	1098	1826	
	SCOP			5.2	5.1	4.6	
		Energy efficiency class		A+++	A+++	A++	
	Capacity	Rated		kW	3.2	4.0	6.0
		Min-Max		kW	0.8-6.3	0.9-6.6	1.8-8.7
Total Input	Rated		kW	0.600	0.820	1.480	
COP			5.33	4.88	4.05		
	EEL Rank		A	A	A		
Heating (Warmer Season)	Design load		kW	1.8(2°C)	2.2(2°C)	3.3(2°C)	
	Declared Capacity	at reference design temperature	kW	1.8(2°C)	2.2(2°C)	3.3(2°C)	
		at bivalent temperature	kW	1.8(2°C)	2.2(2°C)	3.3(2°C)	
		at operation limit temperature	kW	2.3(-25°C)	3.1(-25°C)	4.7(-25°C)	
	Back up heating capacity		kW	0.0(2°C)	0.0(2°C)	0.0(2°C)	
	Annual electricity consumption ^(*)		kWh/a	382	467	767	
	SCOP			6.6	6.5	5.9	
		Energy efficiency class		A+++	A+++	A+++	
	Operating Current (Max)		A	9.9	10.5	15.2	
	Indoor Unit	Input	Rated	kW	0.027	0.027	0.034
Operating Current (Max)			A	0.3	0.3	0.4	
Dimensions		H x W x D	mm	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233	
Weight			kg	14.5(W)15.5(V,R,B)	14.5(W)15.5(V,R,B)	15(W)16(V,R,B)	
Air Volume (SLo-Lo-Mid-Hi-SHi ^(*) (Dry/Wet))		Cooling	m ³ /min	4.7-5.9-7.1-9.2-12.4	4.7-5.9-7.1-9.2-13.0	5.7-7.6-8.9-10.6-13.9	
		Heating	m ³ /min	4.5-6.6-7.5-11.0-13.9	4.5-6.6-7.5-11.0-13.9	5.4-6.4-8.5-10.7-15.7	
Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi ^(*))		Cooling	dB(A)	19-23-29-36-42	19-24-29-36-43	27-31-35-39-46	
		Heating	dB(A)	19-24-29-38-45	19-24-29-38-45	25-29-34-39-47	
Sound Level (PWL)		Cooling	dB(A)	58	59	60	
Outdoor Unit		Dimensions	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330
	Weight		kg	34	36	53	
	Air Volume	Cooling	m ³ /min	34.3	34.3	48.8	
		Heating	m ³ /min	32.7	32.7	55.0	
	Sound Level (SPL)	Cooling	dB(A)	46	49	51	
		Heating	dB(A)	49	50	54	
	Sound Level (PWL)	Cooling	dB(A)	60	61	64	
	Operating Current (Max)		A	9.6	9.6	14.8	
	Breaker Size		A	10	12	16	
	Ext.Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Max.Length		Out-In	m	20	20	30	
Max.Height		Out-In	m	12	12	15	
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46		
	Heating	°C	-25 ~ +24	-25 ~ +24	-25 ~ +24		

(*1) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(*2) SHi: Super High.

SPECIFICATIONS

WALL-MOUNTED