

Model Name	Indoor Unit			MSZ-AP25VGD2 MSZ-AP25VGKD2	MSZ-AP35VGD2 MSZ-AP35VGKD2	MSZ-AP42VGD2 MSZ-AP42VGKD2		
	Outdoor Unit			MUZ-AP25VG2 MUZ-AP25VGD2	MUZ-AP35VG2 MUZ-AP35VGD2	MUZ-AP42VG2 MUZ-AP42VGD2		
Power Supply				Source	Outdoor power supply	Outdoor power supply	Outdoor power supply	
	Outdoor			V	230	230	230	
				Phase	Single	Single	Single	
				Hz	50/60	50/60	50/60	
	Indoor			V	230	230	230	
				Phase	Single	Single	Single	
Hz				50/60	50/60	50/60		
Refrigerant				R32	R32	R32		
Cooling	Capacity	Rated	kW	2.5	3.5	4.2		
		Max.	kW	3.6	4.1	4.8		
		Min.	kW	1.1	1.1	0.9		
	SHF	Rated		0.99	0.86	0.79		
	Total Input	Rated	kW	0.50	0.87	1.19		
	EER				5.00	4.02	3.53	
	AEER			4.97	4.01	3.52		
				New Star rating	Hot and Humid	6.0	5.0	4.0
					Mixed	5.5	4.5	4.0
		Cold	6.0	5.0	4.0			
	AEER (Part-load %)				-	-	-	
	Heating	Capacity	Rated	kW	3.2	3.7	5.4	
Max.			kW	5.0	5.1	6.0		
Min.			kW	1.3	1.3	1.3		
Total Input		Rated	kW	0.67	0.82	1.43		
COP					4.78	4.51	3.78	
ACOP			4.75	4.49	3.77			
			New Star rating	Hot and Humid	3.5	4.0	3.5	
				Mixed	3.0	3.5	2.5	
		Cold	3.0	3.0	2.0			
ACOP (Part-load %)				-	-	-		
Operating Current (Max.)			A	7.1	7.1	10.0		
Indoor Unit		Input	Cooling	Rated	W	23	29	
	Heating		Rated	W	19	26	33	
	Operating Current (Max.)			A	0.23	0.28	0.31	
	Dimensions	Unit	Height	mm	299	299	299	
			Width	mm	798	798	798	
			Depth	mm	219	219	219	
	Weight	Unit	kg	10.5	10.5	10.5		
	Air Volume Cooling (Quiet-Low-Med.-High-Super High)			m³/h	294-354-426-522-738	294-354-426-522-804	324-390-462-558-804	
	Air Volume Heating (Quiet-Low-Med.-High-Super High)			m³/h	294-354-438-534-684	294-354-438-534-774	318-366-462-564-840	
	Sound Level (SPL) Cooling (Quiet-Low-Med.-High-Super High)			dB(A)	19-24-31-38-44	19-24-31-38-45	26-29-35-40-46	
	Sound Level (SPL) Heating (Quiet-Low-Med.-High-Super High)			dB(A)	18-25-31-38-42	19-25-31-38-45	26-29-35-40-46	
	Outdoor Unit	Dimensions		Height	mm	550	550	550
				Width	mm	800	800	800
				Depth	mm	285	285	285
Weight			kg	34(VG)/35(VGD)	34(VG)/35(VGD)	35(VG)/36(VGD)		
Air Volume		Cooling	Rated (Low-Med.-High)	m³/h	955-2,096-2,096	935-2,056-2,056	909-2,056-2,056	
		Heating	Rated (Low-Med.-High)	m³/h	1,384-1,719-2,002	1,358-1,686-1,963	1,358-1,686-1,963	
Sound Level (SPL)		Cooling	Rated	dB(A)	46	50	51	
		Heating	Rated	dB(A)	49	50	52	
Sound Level (PWL)		Cooling	Rated	dB(A)	59	64	65	
		Heating	Rated	dB(A)	-	-	-	
Operating Current (Max.)			A	6.8	6.8	9.6		
Breaker Size			A	10	10	10		
Ext.Piping	Diameter	Liquid	mm	6.35	6.35	6.35		
		Gas	mm	9.52	9.52	9.52		
	Max.Length	Out-In	m	20	20	20		
	Max.Height	Out-In	m	12	12	12		
		Below Indoor	m	12	12	12		
Guaranteed Operating Range	Outdoor	Cooling ^(*)	Upper Limit,	°C	+46	+46		
			Lower Limit,	°C	-10	-10		
		Heating	Upper Limit,	°C	+24	+24		
			Lower Limit,	°C	-15	-15		

(*) Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit			MSZ-AP50VGD2	MSZ-AP60VGD2	MSZ-AP71VGD2	MSZ-AP80VGD2		
				MSZ-AP50VGKD2	MSZ-AP60VGKD2	MSZ-AP71VGKD2	MSZ-AP80VGKD2		
	Outdoor Unit			MUZ-AP50VG2	MUZ-AP60VG2	MUZ-AP71VG2	MUZ-AP80VG2		
				MUZ-AP50VGD2	MUZ-AP60VGD2	MUZ-AP71VGD2	MUZ-AP80VGD2		
Power Supply	Source			Outdoor power supply	Outdoor power supply	Outdoor power supply	Outdoor power supply		
	Outdoor	V		230	230	230	230		
		Phase		Single	Single	Single	Single		
		Hz		50/60	50/60	50/60	50/60		
	Indoor	V		230	230	230	230		
		Phase		Single	Single	Single	Single		
Hz		50/60	50/60	50/60	50/60				
Refrigerant				R32	R32	R32	R32		
Cooling	Capacity	Rated	kW	5.0	6.0	7.1	7.8		
		Max.	kW	6.2	7.3	8.7	9.2		
		Min.	kW	1.4	1.4	2.0	2.0		
	SHF	Rated		0.77	0.83	0.77	0.77		
	Total Input	Rated	kW	1.32	1.59	2.01	2.36		
	EER			3.79	3.77	3.53	3.31		
	AEER			3.78	3.77	3.53	3.30		
		New Star rating	Hot and Humid	4.5	4.5	3.5	3.5		
			Mixed	4.0	4.0	3.0	3.0		
	Cold		4.5	4.5	3.5	3.5			
	AEER (Part-load %)			-	-	-	-		
	Heating	Capacity	Rated	kW	6.0	6.8	8.0	9.0	
Max.			kW	8.0	8.6	9.9	11.0		
Min.			kW	1.4	2.0	2.2	2.2		
Total Input		Rated	kW	1.62	1.65	2.09	2.55		
COP				3.70	4.12	3.83	3.53		
ACOP				3.70	4.11	3.82	3.52		
		New Star rating	Hot and Humid	3.5	3.0	3.0	3.0		
			Mixed	2.5	2.5	2.5	2.5		
Cold			2.0	2.5	2.0	2.0			
ACOP (Part-load %)				-	-	-	-		
Operating Current (Max.)			A	13.9	14.0	16.4	16.5		
Indoor Unit		Input	Cooling	Rated	W	43	41	42	55
	Heating		Rated	W	43	49	45	45	
	Operating Current (Max.)			A	0.39	0.43	0.40	0.47	
	Dimensions	Unit	Height	mm	299	325	325	325	
			Width	mm	798	1,100	1,100	1,100	
			Depth	mm	219	257	257	257	
	Weight	Unit		kg	10.5	16	17	17	
	Air Volume Cooling (Quiet-Low-Med.-High-Super High)			m³/h	360-432-504-600-930	564-660-792-960-1,134	576-690-792-918-1,116	576-690-792-918-1,232	
	Air Volume Heating (Quiet-Low-Med.-High-Super High)			m³/h	336-390-492-600-966	648-804-924-1,044-1,218	612-690-792-918-1,152	612-690-792-918-1,152	
	Sound Level (SPL) Cooling (Quiet-Low-Med.-High-Super High)			dB(A)	28-33-39-44-49	29-37-41-45-48	30-37-41-45-49	30-37-41-45-53	
	Sound Level (SPL) Heating (Quiet-Low-Med.-High-Super High)			dB(A)	28-33-38-43-48	30-37-41-45-48	30-37-41-45-51	30-37-41-45-51	
	Outdoor Unit	Dimensions		Height	mm	714	714	880	880
				Width	mm	800	800	840	840
				Depth	mm	285	285	330	330
Weight			kg	40(VG2)/41(VGD2)	40(VG2)/41(VGD2)	53	53		
Air Volume		Cooling	Rated (Low-Med.-High)	m³/h	1,326-2430-2430	1,326-2,748-3,126	1,500-3,912-3,912	1,500-3,912-3,912	
		Heating	Rated (Low-Med.-High)	m³/h	1,704-2,238-2,430	1,704-2,244-3,126	2,784-3,462-3,462	2,784-3,462-3,462	
Sound Level (SPL)		Cooling	Rated	dB(A)	54	56	56	56	
		Heating	Rated	dB(A)	56	57	55	55	
Sound Level (PWL)		Cooling	Rated	dB(A)	69	69	69	69	
		Heating	Rated	dB(A)	-	-	-	-	
Ext.Piping	Operating Current (Max.)		A	13.5	13.5	16.0	16.0		
	Breaker Size		A	16	16	20	20		
	Diameter	Liquid	mm	6.35	6.35	6.35	6.35		
		Gas	mm	12.70	12.70	12.70	12.70		
	Max.Length	Out-In	m	20	30	30	30		
	Max.Height	Out-In	m	12	15	15	15		
		Below Indoor	m	12	15	15	15		
Guaranteed Operating Range	Outdoor	Cooling(*)	Upper Limit.	°C	+46	+46	+46		
			Lower Limit.	°C	-10	-10	-10		
		Heating	Upper Limit.	°C	+24	+24	+24		
			Lower Limit.	°C	-15	-15	-15		

(*) Optional air protection guide is required where ambient temperature is lower than -5°C.