



MSZ-AP Series (Wall Mounted)								
Indoor Unit		MSZ-AP20VGD-A1	MSZ-AP25VGD2-A1	MSZ-AP35VGD2-A1	MSZ-AP42VGD2-A1	MSZ-AP50VGD2-A1		
Outdoor Unit		MUZ-AP20 VG-A1*4	MUZ-AP25 VG(D*)2-A1	MUZ-AP35 VG(D*)2-A1	MUZ-AP42 VG(D*)2-A1	MUZ-AP50 VG(D*)2-A1		
Refrigerant		R32						
Cooling	Capacity [Rated] ^{*1}	kW	2.00	2.50	3.50	4.20	5.00	
	Capacity [Min-Max]	kW	0.60 - 2.70	1.10 - 3.60	1.10 - 4.10	0.90 - 4.80	1.40 - 6.20	
	Total Input [Rated] ^{*1}	kW	0.46	0.50	0.87	1.19	1.32	
	Total Input [Min-Max]	kW	0.23 - 1.16	0.21 - 0.99	0.21 - 1.18	0.15 - 1.90	0.30 - 2.23	
	EER		4.35	5.00	4.02	3.53	3.79	
	AEER		4.31	4.97	4.01	3.52	3.78	
	TCSPF (Residential)	Hot		5.50	7.85	6.61	5.79	6.05
		Average		5.15	7.31	6.14	5.53	5.69
		Cold		5.29	7.61	6.60	5.90	6.10
	ZERL (Residential) Star Rating ^{*2}	Hot		3.5	6.0	5.0	4.0	4.5
		Average		3.5	5.5	4.5	4.0	4.0
		Cold		3.5	6.0	5.0	4.0	4.5
	Running Current [Rated] ^{*3}	A	2.60	2.60	4.10	5.30	5.90	
Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dBA	21 - 26 - 30 - 35 - 42	19 - 24 - 31 - 38 - 44	19 - 24 - 31 - 38 - 45	26 - 29 - 35 - 40 - 46	28 - 33 - 39 - 44 - 49	
	Out (PWL)	dBA	47 (59)	46 (59)	50 (64)	51 (65)	54 (69)	
Air Volume (In) [Quiet-SHi]	L/s	58 - 115	82 - 205	82 - 223	90 - 223	100 - 258		
Heating	Capacity [Rated] ^{*1}	kW	2.50	3.20	3.70	5.40	6.00	
	Capacity [Min-Max]	kW	0.50 - 3.50	1.30 - 5.00	1.30 - 5.10	1.30 - 6.00	1.40 - 8.00	
	Total Input [Rated] ^{*1,5}	kW	0.60	0.67	0.82	1.43	1.62	
	Total Input [Min-Max]	kW	0.25 - 1.20	0.35 - 1.40	0.35 - 1.42	0.26 - 1.90	0.30 - 3.00	
	COP		4.17	4.78	4.51	3.78	3.70	
	ACOP		4.14	4.75	4.49	3.77	3.70	
	HSPF (Residential)	Hot		4.61	5.48	5.65	5.05	5.35
		Average		4.28	4.99	5.01	4.35	4.38
		Cold		3.94	4.59	4.51	3.88	3.90
	ZERL (Residential) Star Rating ^{*2}	Hot		3.0	3.5	4.0	3.5	3.5
		Average		2.5	3.0	3.5	2.5	2.5
		Cold		2.0	3.0	3.0	2.0	2.0
	Running Current [Rated] ^{*3}	A	3.20	3.30	3.80	6.30	7.10	
Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dBA	21 - 26 - 30 - 35 - 42	18 - 25 - 31 - 38 - 42	19 - 25 - 31 - 38 - 45	26 - 29 - 35 - 40 - 46	28 - 33 - 38 - 43 - 48	
	Out (PWL)	dBA	48 (61)	49 (59)	50 (64)	52 (65)	56 (69)	
Air Volume (In) [Quiet-SHi]	L/s	62 - 122	82 - 190	82 - 215	88 - 233	93 - 268		
Max. Running Current	A	7.1	7.0	7.1	9.9	14.0		
Indoor Unit	Input [Rated] (Cooling/Heating)	W	19/19	23/19	29/26	29/33	43/43	
	Dimensions [HxWxD]	mm	250 x 760 x 178	299 x 798 x 219	299 x 798 x 219	299 x 798 x 219	299 x 798 x 219	
	Weight	kg	8.2	10.5	10.5	10.5	10.5	
Outdoor Unit	Dimensions [HxWxD]	mm	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	
	Weight	kg	31.0	34.0 (VG)/35.0(VGD)	34.0 (VG)/35.0(VGD)	35.0(VG)/36.0(VGD)	40.0(VG)/41.0(VGD)	
	Breaker Size	A	10	10	10	10	16	
Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.70	
	Max. Length/Height	m	20/12	20/12	20/12	20/12	20/12	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	
Refrigerant Amount [Pre-Charged]	kg	0.55	0.70	0.70	0.70	1.00		

Notes:

*1 The Capacity (rated), Total Input (rated) and Running Current (rated) are determined under conditions T1 (cooling) or H1 (heating) of AS/NZS 3823.1.1

Cooling: Indoor 27°CDB/19°CWB, Outdoor 35°CDB/24°CWB

Heating: Indoor 20°CDB/15°CWB, Outdoor 7°CDB/6°CWB

*2 ZERL (Residential) refers to 'Zoned Energy Rating Label' residential star rating based on GEMS 2019 Determination.

*3 Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructural sizing, etc.

*4 MUZ-AP20VG only (not available with DRED capability).

*5 VGD model with DRED capability available in QLD and SA only.



MUZ-AP20VG-A1*4
MUZ-AP25/35/42VG(D*)2-A1



MUZ-AP50VG(D*)2-A1