



MUZ-AP20VGD2-A1
MUZ-AP25/35/42VGD2-A2



MUZ-AP50VGD2-A2

MSZ-AP Series (Wall Mounted)						
Indoor Unit			MSZ-AP20VGD2-A1	MSZ-AP25VGKD2-A2	MSZ-AP35VGKD2-A2	MSZ-AP42VGKD2-A2
Outdoor Unit			MUZ-AP20VGD2-A1	MUZ-AP25VGD2-A2	MUZ-AP35VGD2-A2	MUZ-AP42VGD2-A2
Refrigerant			R32			
Cooling	Capacity [Rated]* ¹	kW	2.00	2.50	3.50	4.20
	Capacity [Min-Max]	kW	0.60 - 2.70	1.10 - 3.60	1.10 - 4.10	0.90 - 4.80
	Total Input [Rated]* ¹	kW	0.46	0.50	0.87	1.19
	Total Input [Min-Max]	kW	0.23 - 1.16	0.21 - 0.99	0.21 - 1.18	0.15 - 1.90
	EER		4.35	5.00	4.02	3.53
	AEER		4.31	4.97	4.01	3.52
	TCSPF (Residential)	Hot	6.31	7.85	6.64	5.79
		Average	5.93	7.31	6.18	5.53
		Cold	6.11	7.61	6.64	5.90
	ZERL (Residential) Star Rating* ²	Hot	4.5	6.0	5.0	4.0
		Average	4.0	5.5	4.5	4.0
		Cold	4.5	6.0	5.0	4.0
	Running Current [Rated]* ³	A	2.60	2.60	4.10	5.30
	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
		Out (PWL)	dBA	47 (59)	46 (59)	50 (64)
Heating	Air Volume (In) [Quiet-SHI]	L/s	58 - 115	82 - 205	82 - 223	90 - 223
	Capacity [Rated]* ¹	kW	2.50	3.20	3.70	5.40
	Capacity [Min-Max]	kW	0.50 - 3.50	1.30 - 5.00	1.30 - 5.10	1.30 - 6.00
	Total Input [Rated]* ^{1, 5}	kW	0.60	0.67	0.82	1.43
	Total Input [Min-Max]	kW	0.25 - 1.20	0.35 - 1.40	0.35 - 1.42	0.26 - 1.90
	COP		4.17	4.78	4.51	3.78
	ACOP		4.14	4.75	4.49	3.77
	HSPF (Residential)	Hot	4.61	5.48	5.65	5.05
		Average	4.28	4.99	5.01	4.35
		Cold	3.94	4.59	4.51	3.88
	ZERL (Residential) Star Rating* ²	Hot	3.0	3.5	4.0	3.5
		Average	2.5	3.0	3.5	2.5
		Cold	2.0	3.0	3.0	2.0
	Running Current [Rated]* ³	A	3.20	3.30	3.80	6.30
	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
		Out (PWL)	dBA	48 (61)	49 (59)	50 (64)
Max. Running Current	Air Volume (In) [Quiet-SHI]	L/s	62 - 122	82 - 190	82 - 215	88 - 233
		A	7.1	7.1	7.1	10.0
	Input [Rated] (Cooling/Heating)	W	19/19	23/19	29/26	29/33
						43/43
Indoor Unit	Dimensions [HxWxD]	mm	250 x 760 x 178	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
	Dimensions [HxWxD]	mm	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285
Outdoor Unit	Weight	kg	31.0	34.0 (VG)/35.0(VGD)	34.0 (VG)/35.0(VGD)	35.0(VG)/36.0(VGD)
	Breaker Size	A	10	10	10	16
	Dimensions [HxWxD]	mm	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285
Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø9.52
	Max. Length/Height	m	20/12	20/12	20/12	20/12
	Max. Length/Height	m	20/12	20/12	20/12	20/12
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant Amount [Pre-Charged]			kg	0.55	0.70	0.70

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

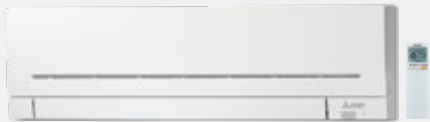
Cooling: Indoor 27°CDB/19°CWB, Outdoor 35°CDB/24°CWB

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.

SPECIFICATIONS



MSZ-AP Series (Wall Mounted)						
Indoor Unit			MSZ-AP60VGKD2-A2	MSZ-AP71VGKD2-A2	MSZ-AP80VGKD2-A2	
Outdoor Unit			MUZ-AP60VGD2-A2	MUZ-AP71VGD2-A2	MUZ-AP80VGD2-A2	
Refrigerant			R32			
Cooling	Capacity [Rated]* ¹		kW	6.00	7.10	7.80
	Capacity [Min-Max]		kW	1.40 - 7.30	2.00 - 8.70	2.00 - 9.20
	Total Input [Rated]* ¹		kW	1.59	2.01	2.36
	Total Input [Min-Max]		kW	0.24 - 2.35	0.43 - 3.03	0.43 - 3.20
	EER			3.77	3.53	3.31
	AEER			3.77	3.53	3.30
	TCSPF (Residential)		Hot	6.04	5.04	5.00
			Average	5.8	4.81	4.77
			Cold	6.16	5.08	5.08
	ZERL (Residential) Star Rating* ²		Hot	4.5	3.5	3.5
			Average	4.0	3.0	3.0
			Cold	4.5	3.5	3.5
	Running Current [Rated]* ³		A	7.10	8.80	10.80
	Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dBA	29 - 37 - 41 - 45 - 48		30 - 37 - 41 - 45 - 49
Out (PWL)		dBA	56 (69)		56 (69)	56 (69)
Air Volume (In) [Quiet-SHi]		L/s	157 - 315		160 - 310	160 - 342
Heating	Capacity [Rated]* ¹		kW	6.80	8.00	9.00
	Capacity [Min-Max]		kW	2.00 - 8.60	2.20 - 9.90	2.20 - 11.00
	Total Input [Rated]* ¹		kW	1.65	2.09	2.55
	Total Input [Min-Max]		kW	0.30 - 2.60	0.42 - 3.25	0.42 - 3.65
	COP			4.12	3.83	3.53
	ACOP			4.11	3.82	3.53
	HSPF (Residential)		Hot	4.91	4.76	4.68
			Average	4.42	4.25	4.07
			Cold	4.01	3.76	3.54
	ZERL (Residential) Star Rating* ²		Hot	3.0	3.0	3.0
			Average	2.5	2.5	2.5
			Cold	2.5	2.0	2.0
	Running Current [Rated]* ³		A	7.40	9.10	11.30
	Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dBA	30 - 37 - 41 - 45 - 48		30 - 37 - 41 - 45 - 51
Out (PWL)		dBA	57 (69)		55 (69)	55 (69)
Air Volume (In) [Quiet-SHi]		L/s	180 - 338		170 - 320	170 - 320
Max. Running Current			A	14.0	16.4	16.5
Indoor Unit	Input [Rated] (Cooling/Heating)	W	41/45		42/45	55/45
	Dimensions [HxWxD]	mm	325 x 1100 x 257		325 x 1100 x 257	325 x 1100 x 257
	Weight	kg	16.0		17.0	17.0
Outdoor Unit	Dimensions [HxWxD]	mm	714 x 800 x 285		880 x 840 x 330	880 x 840 x 330
	Weight	kg	40.0(VG)/41.0(VGD)		53.0	53.0
	Breaker Size	A	16		20	20
Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø12.70		ø6.35/ø12.70	ø6.35/ø12.70
	Max. Length/Height	m	30/15		30/15	30/15
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ 46		-10 ~ 46
		Heating	°C	-15 ~ 24		-15 ~ 24
Refrigerant Amount [Pre-Charged]			kg	1.05	1.50	1.50

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

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