



<b>MSZ-AP Series (Wall Mounted)</b>									
Indoor Unit			MSZ-AP20VG	MSZ-AP25VG(D*)	MSZ-AP35VG(D*)	MSZ-AP42VG(D*)	MSZ-AP50VG(D*)		
Outdoor Unit			MUZ-AP20VG	MUZ-AP25VG(D*)	MUZ-AP35VG(D*)	MUZ-AP42VG(D*)	MUZ-AP50VG(D*)		
Refrigerant			R32						
Cooling	Capacity [Rated]	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]	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		
	AEEER		4.31	4.97	4.01	3.52	3.78		
	Star Rating		3.5	5.5	3.5	2.5	3.0		
	Running Current [Rated]	A	2.60		4.10	5.30	5.90		
	Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dB(A)	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]	dB(A)	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]	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]	kW	0.60	0.67	0.81	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	4.57	3.78	3.70		
	ACOP		4.14	4.75	4.55	3.77	3.70		
	Star Rating		3.0	5.0	4.5	3.0	3.0		
	Running Current [Rated]	A	3.20	3.30	3.80	6.30	7.10		
	Sound Pressure Level	In [Quiet-SHi]	dB(A)	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]	dB(A)	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		
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					
	Weight	kg	8.2	10.5					
Outdoor Unit	Dimensions [HxWxD]	mm	550 x 800 x 285				714 x 800 x 285		
	Weight	kg	31.0	34.0/35.0		35.0/36.0	40.0/41.0		
	Breaker Size	A	10				16		
Piping	Diameter [Gas/Liquid]	mm	ø9.52/ø6.35				ø12.70/ø6.35		
	Max. Length/Height	m	20/12						
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 - 46						
	Heating	°C	-15 - 24						
Refrigerant Amount [Pre-Charged]		kg	0.55	0.70		1.00			

**Notes:**

- Nominal conditions cooling: EAT 27°CDB/19°CWB, Ambient 35°CDB. Rated conditions cooling: EAT 24°CDB/17°CWB, Ambient 35°CDB. Nominal conditions heating: EAT 20°CDB/15°CWB, Ambient 7°CDB/6°CWB.
- Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc. (D\*) represents DRED enabled model. This is only available in QLD.

**Rating Conditions:**

Cooling: Indoor 27°C, D.B./19°C, W.B.  
Outdoor 35°C, D.B./24°C, W.B.  
Heating: Indoor 20°C, D.B./15°C, W.B.  
Outdoor 7°C, D.B./6°C, W.B.