MSZ-AP Series (Wall Mounted)								
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
	AEER			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:

1. 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.
2. 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.

Product Specifications



MSZ-AP Series (Wall Mounted)						
Indoor Unit				MSZ-AP60VG(D*)	MSZ-AP71VG(D*)	MSZ-AP80VG(D*)
Outdoor Unit				MUZ-AP60VG(D*)	MUZ-AP71VG(D*)	MUZ-AP80VG(D*)
Refrigerant				R32		
Cooling	Capacity [Rated]		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]		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
	Star Rating			3.0	2.5	2.0
	Running Current [Rated]		A	7.10	8.80	10.80
	Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dB(A)	29 - 37 - 41 - 45 - 48	30 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 53
		Out [PWL]	dB(A)	55 (69)	56 (69)	
	Air Volume (In) [Quiet-SHi]		L/S	156 - 315	160 - 310	160 - 343
Heating	Capacity [Rated]		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]		kW	1.67	2.09	2.55
	Total Input [Min-Max]		kW	0.30 - 2.60	0.42 - 3.25	0.42 - 3.65
	COP			4.07	3.83	3.53
	ACOP			4.06	3.82	3.53
	Star Rating			3.5	3.0	2.5
	Running Current [Rated]		A	7.40	9.10	11.30
	Sound Pressure Level	In [Quiet-SHi]	dB(A)	29 - 37 - 41 - 45 - 48	30 - 37 - 41 - 45 - 51	
		Out [PWL]	dB(A)	57 (69)	55 (69)	
	Air Volume (In) [Quiet-SHi]		L/S	180 - 338	133 - 320	
Indoor Unit	Input [Rated] (Cooling/Heating)		W	45/49	42/45	55/45
	Dimensions [HxWxD]		mm	325 x 1100 x 257		
	Weight		kg	16.0	17.0	
Outdoor Unit	Dimensions [HxWxD]		mm	714 x 800 x 285	880 x 840 x 330	
	Weight		kg	40.0/41.0	55.0	
	Breaker Size		A	16	20	
Piping	Diameter [Gas/Liquid]		mm	ø12.70/ø6.35		
	Max. Length/Height		m	30/15		
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ 46		
		Heating	°C	-15 ~ 24		
Refrigerant Amount [Pre-Charged]			kg	1.0		1.5

Notes:

1. 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.
2. 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.