



| 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] ^{*1,4} | 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] ^{*1,4} | 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 | |
| | ZERL Star Rating ^{*2} | | Hot | 3.5 | 5.5 | 5.0 | 4.0 | |
| | | | Average | 3.5 | 5.0 | 4.5 | 3.5 | 4.0 |
| | | | Cold | 3.5 | 5.5 | 5.0 | 4.0 | |
| | Running Current [Rated] ^{*3,4} | 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 | | |
| Capacity [Rated] ^{*1,5} | 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 | 0.81 | 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 | | |
| ZERL Star Rating ^{*2} | | Hot | 3.0 | 3.5 | | 3.0 | 3.5 | |
| | | Average | 2.5 | 3.0 | | 2.5 | | |
| | | Cold | 2.0 | 3.0 | 2.5 | 2.0 | | |
| | | Running Current [Rated] ^{*3,5} | 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 | | |
| 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 | | | | |
| | 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 [Liquid/Gas] | mm | ø6.35/ø9.52 | | | ø6.35/ø12.70 | | |
| | 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 Zoned Energy Rating Label - residential air conditioning 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 infrastructure sizing, etc.

Test conditions are based on AS/NZS3823.1.1.

Rating Conditions:

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



MUZ-AP20/25/35/42



MUZ-AP50

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] ^{*1,4} | 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] ^{*1,4} | 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 |
| | ZERL Star Rating ^{*2} | Hot | | 4.0 | 3.5 |
| | | Average | | 3.5 | 3.0 |
| | | Cold | | 4.0 | 3.5 |
| | Running Current [Rated] ^{*3,4} | 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) | 56 (69) |
| Air Volume (In) [Quiet-SHi] | L/S | 156 - 315 | 160 - 310 | 160 - 343 | |
| Heating | Capacity [Rated] ^{*1,5} | 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] ^{*1,5} | 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 |
| | ZERL Star Rating ^{*2} | Hot | | 3.0 | 2.5 |
| | | Average | | 2.5 | 2.0 |
| | | Cold | | 2.0 | 2.0 |
| | Running Current [Rated] ^{*3,5} | 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 | 30 - 37 - 41 - 45 - 51 |
| | Out [PWL] | dB(A) | 57 (69) | 55 (69) | 55 (69) |
| Air Volume (In) [Quiet-SHi] | L/S | 180 - 338 | 133 - 320 | 133 - 320 | |
| Input [Rated] (Cooling/Heating) | W | 45/49 | 42/45 | 55/45 | |
| Indoor Unit | 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 [Liquid/Gas] | mm | ø6.35/ø12.70 | | |
| | 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 Zoned Energy Rating Label - residential air conditioning 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 infrastructure sizing, etc.

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Rating Conditions:

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



MUZ-AP60



MUZ-AP71/80