



# SHOP SMART. SHOP VALUE

## SHOP *differently*



| 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               |  |
|                                      | 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              |  |
| Piping                               | Breaker Size                    | A                        | 10              |                        |                        |                        |                        | 16                     |  |
|                                      | 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.

# 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:

- 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.