

Specifications

Note:

- Rating Conditions (AS/NZS 3823)
Cooling — Indoor: 27°C DB, 19°C WB Outdoor: 35°C DB
Heating — Indoor: 20°C DB Outdoor: 7°C DB, 6°C WB
Refrigerant piping length (one way): 5 m
- Guaranteed operating range: see specifications table
- Dry function will not work when the room temperature is below 13°C

MSZ-YV Wall mounted Inverter Heat Pump model (R410A)

| TYPE | Wall-mounted | | | | | | | |
|---------------------------|-----------------------|-------------|-------------|--------------|--------------|--------------|--------------|---------|
| | Inverter | | | | | | | |
| | Heat Pump | | | | | | | |
| MODEL NAME | MSZ-A09YV | MSZ-A12YV | MSZ-A18YV | MSZ-A24YV | MSZ-A26YV | MSZ-A30YV | | |
| INDOOR UNIT | MSZ-A09YV | MSZ-A12YV | MSZ-A18YV | MSZ-A24YV | MSZ-A26YV | MSZ-A30YV | | |
| OUTDOOR UNIT | MUZ-A09YV | MUZ-A12YV | MUZ-A18YV | MUZ-A24YV | MUZ-A26YV | MUZ-A30YV | | |
| COOL | Capacity[kW] | 2.5 | 3.5 | 5.0 | 6.0 | 7.1 | 8.0 | |
| | Min-Max | 0.9-3.2 | 1.0 - 4.1 | 0.9 - 5.9 | 0.9 - 6.7 | 0.9 - 8.3 | 0.9 - 8.8 | |
| | Input[kW] | 0.67 | 1.09 | 1.56 | 1.99 | 2.44 | 3.26 | |
| | Min-Max | 0.19 - 0.96 | 0.26 - 1.35 | 0.4 - 2.16 | 0.4 - 2.35 | 0.5 - 3.25 | 0.5 - 4.05 | |
| | EER | 3.73 | 3.21 | 3.21 | 3.02 | 2.91 | 2.45 | |
| | Star rating | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 2.5 | |
| | SPL [dB(A)] | IN (Lo/Hi) | 21 / 37 | 22 / 39 | 31 / 43 | 32 / 48 | 33 / 48 | 33 / 48 |
| | OUT | 46 | 47 | 53 | 53 | 53 | 53 | |
| | Rated current [A] | (In/Out) | 3.3 | 5.0 | 6.92 | 8.83 | 10.83 | 14.46 |
| | Max current [A] | | 7.0 | 9.5 | 16 | 16 | 16 | 16 |
| Air volume (High) [L/s] | IN | 140 | 175 | 237 | 287 | 287 | 287 | |
| | OUT | 528 | 528 | 817 | 817 | 817 | 817 | |
| HEAT | Capacity[kW] | 3.2 | 4.0 | 5.9 | 6.8 | 8.1 | 9.0 | |
| | Min-Max | 0.9 - 5.0 | 0.9 - 6.0 | 0.9 - 7.8 | 0.9 - 8.1 | 0.9 - 9.6 | 0.9 - 11.0 | |
| | Input[kW] | 0.84 | 1.08 | 1.73 | 2.05 | 2.65 | 3.25 | |
| | Min-Max | 0.20 - 1.50 | 0.22 - 1.94 | 0.4 - 2.6 | 0.4 - 2.8 | 0.5 - 3.2 | 0.5 - 3.9 | |
| | EER | 3.81 | 3.70 | 3.41 | 3.32 | 3.06 | 2.77 | |
| | Star rating | 6.0 | 5.5 | 4.5 | 4.0 | 3.5 | 2.5 | |
| | SPL [dB(A)] | IN (Lo/Hi) | 21 / 38 | 22 / 38 | 31 / 43 | 32 / 48 | 33 / 48 | 33 / 48 |
| | OUT | 46 | 48 | 55 | 55 | 55 | 55 | |
| | Rated current [A] | (In/Out) | 3.9 | 5.0 | 7.68 | 9.09 | 11.76 | 14.42 |
| | Max current [A] | | 7.5 | 9.5 | 16 | 16 | 16 | 16 |
| Air volume (High) [L/s] | IN | 157 | 178 | 237 | 287 | 287 | 287 | |
| | OUT | 528 | 528 | 817 | 817 | 817 | 817 | |
| IN-DOOR | Dimension (H*W*D)[mm] | 278*815*244 | 278*815*244 | 325*1100*258 | 325*1100*258 | 325*1100*258 | 325*1100*258 | |
| | Weight [kg] | 9 | 10 | 16 | 16 | 16 | 16 | |
| OUT-DOOR | Dimension (H*W*D)[mm] | 550*800*285 | 550*800*285 | 850*840*330 | 850*840*330 | 850*840*330 | 850*840*330 | |
| | Weight [kg] | 33 | 34 | 53 | 53 | 58 | 58 | |
| | PWL [dB(A)] | 59 | 61 | 68 | 68 | 68 | 68 | |
| EXT.PIPE | Diameter (Liquid/Gas) | 6.35 / 9.52 | 6.35 / 9.52 | 6.35 / 12.7 | 6.35 / 15.88 | 9.52 / 15.88 | 9.52 / 15.88 | |
| | Max.Length/Height [m] | 20 / 12 | 20 / 12 | 30 / 15 | 30 / 15 | 30 / 15 | 30 / 15 | |
| | Chargeless [m] | 7 | 7 | 7 | 7 | 7 | 7 | |
| OPERATION RANGE (outdoor) | COOL [C°] | -10 / +46 | -10 / +46 | -10 / +43 | -10 / +43 | -10 / +43 | -10 / +43 | |
| | HEAT [C°] | -10 / +24 | -10 / +24 | -10 / +24 | -10 / +24 | -10 / +24 | -10 / +24 | |

MSH-YV/WV Wall mounted Fixed speed Heat Pump model (R410A)

| TYPE | Wall-mounted | | | | | | | |
|--------------------------|-------------------------|-------------|-------------|-------------|--------------|--------------|--------------|---------|
| | Fix speed | | | | | | | |
| | Heat Pump | | | | | | | |
| MODEL NAME | MSH-A07YV | MSH-A09YV | MSH-A12YV | MSH-A18WV | MSH-A24WV | MSH-A26WV | MSH-A30WV | |
| INDOOR UNIT | MSC-A07YV | MSC-A09YV | MSC-A12YV | MSH-A18WV | MSH-A24WV | MSH-A26WV | MSH-A30WV | |
| OUTDOOR UNIT | MUH-A07YV | MUH-A09YV | MUH-A12YV | MUH-A18WV | MUH-A24WV | MUH-A26WV | MUH-A30WV | |
| COOL | Capacity[kW] | 2.3 | 2.55 | 3.5 | 5.1 | 6.3 | 7.2 | 8.5 |
| | Input[kW] | 0.775 | 0.835 | 1.09 | 1.75 | 2.42 | 2.68 | 3.32 |
| | EER | 2.97 | 3.05 | 3.21 | 2.91 | 2.60 | 2.69 | 2.56 |
| | Star rating | 4.0 | 4.5 | 5.0 | 4.0 | 3.0 | 3.0 | 2.5 |
| | SPL [dB(A)] | IN (Lo/Hi) | 25 / 36 | 25 / 36 | 26 / 40 | 34 / 42 | 34 / 45 | 37 / 47 |
| | OUT | 47 | 49 | 49 | 52 | 53 | 55 | 55 |
| | Rated current [A] | | 3.44 | 3.67 | 4.84 | 8.09 | 10.74 | 11.89 |
| | Max current [A] | | 5 | 5.5 | 7.5 | 11 | 15.5 | 20.5 |
| | Air volume (High) [L/s] | IN | 132 | 132 | 162 | 213 | 213 | 267 |
| | | OUT | 468 | 475 | 475 | 610 | 767 | 817 |
| HEAT | Capacity[kW] | 2.5 | 3.0 | 3.8 | 5.3 | 7.2 | 8.0 | 9.6 |
| | Input[kW] | 0.69 | 0.82 | 1.03 | 1.60 | 2.48 | 2.72 | 3.46 |
| | EER | 3.62 | 3.66 | 3.69 | 3.31 | 2.90 | 2.94 | 2.77 |
| | Star rating | 5.0 | 5.5 | 5.5 | 4.0 | 3.0 | 3.0 | 2.5 |
| | SPL [dB(A)] | IN (Lo/Hi) | 25 / 36 | 25 / 39 | 26 / 39 | 34 / 42 | 34 / 45 | 37 / 47 |
| | OUT | 47 | 49 | 49 | 52 | 53 | 55 | 55 |
| | Rated current [A] | | 3.03 | 3.60 | 4.57 | 7.48 | 11.10 | 12.07 |
| | Max current [A] | | 5 | 5.5 | 7.5 | 11 | 15.5 | 20.5 |
| | Air volume (High) [L/s] | IN | 142 | 163 | 168 | 213 | 213 | 267 |
| | | OUT | 468 | 475 | 475 | 610 | 767 | 817 |
| IN-DOOR | Dimension (H*W*D)[mm] | 278*815*244 | 278*815*244 | 278*815*244 | 325*1100*227 | 325*1100*227 | 325*1100*227 | |
| | Weight [kg] | 9 | 9 | 10 | 16 | 16 | 16 | |
| OUT-DOOR | Dimension (H*W*D)[mm] | 540*780*255 | 540*780*255 | 540*780*255 | 605*850*290 | 850*840*330 | 850*840*330 | |
| | Weight [kg] | 35 | 38 | 40 | 47 | 74 | 77 | |
| | PWL [dB(A)] | 60 | 62 | 62 | 65 | 66 | 68 | |
| EXT.PIPE | Diameter (Liquid/Gas) | 6.35 / 9.52 | 6.35 / 9.52 | 6.35 / 12.7 | 6.35 / 12.7 | 6.35 / 15.88 | 9.52 / 15.88 | |
| | Max.Length/Height [m] | 20 / 10 | 20 / 10 | 25 / 10 | 25 / 10 | 25 / 10 | 30 / 15 | |
| | Chargeless [m] | 7 | 7 | 7 | 7 | 7 | 7 | |
| OPERATION RANGE(outdoor) | COOL [C°] | +21 / +43 | +21 / +43 | +21 / +43 | +21 / +43 | +21 / +43 | +21 / +43 | |
| | HEAT [C°] | -10 / +24 | -10 / +24 | -10 / +24 | -10 / +24 | -10 / +24 | -10 / +24 | |

MS-YV/WV Wall mounted Fixed speed Cooling only model (R410A)

| TYPE | Wall-mounted | | | | | | |
|--------------------------|-------------------------|-------------|-------------|-------------|--------------|--------------|---------|
| | Fix speed | | | | | | |
| | Cooling only | | | | | | |
| MODEL NAME | MS-A07YV | MS-A09YV | MS-A12YV | MS-A18WV | MS-A24WV | MS-A30WV | |
| INDOOR UNIT | MSC-A07YV | MSC-A09YV | MSC-A12YV | MSH-A18WV | MSH-A24WV | MSH-A30WV | |
| OUTDOOR UNIT | MU-A07YV | MU-A09YV | MU-A12YV | MU-A18WV | MU-A24WV | MU-A30WV | |
| COOL | Capacity[kW] | 2.3 | 2.55 | 3.5 | 5.1 | 6.5 | 8.5 |
| | Input[kW] | 0.765 | 0.835 | 1.18 | 1.75 | 2.48 | 3.26 |
| | EER | 3.01 | 3.05 | 2.97 | 2.91 | 2.62 | 2.61 |
| | Star rating | 4.0 | 4.5 | 4.0 | 4.0 | 3.0 | 3.0 |
| | SPL [dB(A)] | IN (Lo/Hi) | 25 / 36 | 25 / 36 | 26 / 40 | 34 / 42 | 37 / 45 |
| | OUT | 45 | 45 | 49 | 52 | 53 | 55 |
| | Rated current [A] | | 3.39 | 3.67 | 5.29 | 7.93 | 11.12 |
| | Max current [A] | | 5 | 5 | 7.5 | 11 | 16 |
| | Air volume (High) [L/s] | IN | 132 | 132 | 162 | 213 | 213 |
| | | OUT | 468 | 468 | 532 | 610 | 645 |
| IN-DOOR | Dimension (H*W*D)[mm] | 278*815*244 | 278*815*244 | 278*815*244 | 325*1100*227 | 325*1100*277 | |
| | Weight [kg] | 9 | 9 | 10 | 16 | 16 | |
| OUT-DOOR | Dimension (H*W*D)[mm] | 540*780*255 | 540*780*255 | 540*780*255 | 605*850*290 | 605*850*290 | |
| | Weight [kg] | 34 | 36 | 36 | 44 | 60 | |
| | PWL [dB(A)] | 58 | 58 | 62 | 65 | 66 | |
| EXT.PIPE | Diameter (Liquid/Gas) | 6.35 / 9.52 | 6.35 / 9.52 | 6.35 / 12.7 | 6.35 / 12.7 | 6.35 / 15.88 | |
| | Max.Length/Height [m] | 20 / 10 | 20 / 10 | 25 / 10 | 25 / 10 | 25 / 10 | |
| | Chargeless [m] | 7 | 7 | 7 | 7 | 7 | |
| OPERATION RANGE(outdoor) | COOL [C°] | +21 / +43 | +21 / +43 | +21 / +43 | +21 / +43 | +21 / +43 | |
| | | | | | | | |