



230V



Vision Inverter Series

Serie Vision Inverter

MODEL / MODELO: MWVIT_S / MRVIT_AS SPECIFICATIONS / ESPECIFICACIONES

| Model | | MWVIT09S/MRVIT09AS | MWVIT12S/MRVIT12AS | MWVIT18S/MRVIT18AS | MWVIT24S/MRVIT24AS | |
|-------------------------------|------------------------------|---------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| Power supply | V-Hz-Ph | 208-230V-60Hz-1ph | 208-230V-60Hz-1ph | 208-230V-60Hz-1ph | 208-230V-60Hz-1ph | |
| Cooling | Capacity | Btu/h | 9000 | 12000 | 17000 | 22000 |
| | Input | W | 780 | 1131 | 1655 | 1983 |
| | Rated current | A | 6.78 | 9.83 | 14.39 | 17.25 |
| | SEER | Btu/w | 18 | 17 | 17 | 18 |
| MINIMUM CIRCUIT AMPACITY | A | 7 | 7 | 11 | 16 | |
| MAX.FUSE | A | 15 | 15 | 15 | 25 | |
| Compressor | Type | | ROTARY | ROTARY | ROTARY | ROTARY |
| | Brand | | GMCC | GMCC | GMCC | GMCC |
| | Thermal protector position | | INTERNAL | INTERNAL | / | EXTERNAL |
| | Refrigerant oil/oil charge | ml | ESTER OIL VG74/370 | ESTER OIL VG74/370 | ESTER OIL VG74/450 | POE(VG74)/670 |
| Indoor air flow (Hi/Mi/Lo) | m3/h - CFM | 444/363/277 - 754/617/470 | 530/422/340 - 900/717/578 | 781/624/507 - 1327/1061/862 | 915/688/443 - 1554/1169/753 | |
| Indoor noise level (Hi/Mi/Lo) | dB(A) | 35.5/29.5/25 | 35.5/30.5/25 | 42.5/37/32.5 | 45/40/33 | |
| Indoor unit | Dimension (W*D*H) | mm / inch | 897*312*158 / 35.31*12.28*6.22 | 897*312*158 / 35.31*12.28*6.22 | 1004*350*178 / 39.53*13.78*7.01 | 1130*368*195 / 44.49*14.49*7.68 |
| | Packing (W*D*H) | mm / inch | 985*385*260 / 38.78*15.16*10.24 | 985*385*260 / 38.78*15.16*10.24 | 1095*425*290 / 43.11*16.73*11.42 | 1215*455*315 / 47.83*17.91*12.40 |
| | Net/Gross weight | Kg - lbs | 9.5/13 - 20.9/28.7 | 10/13.5 - 22/29.8 | 13.5/17.5 - 29.8/38.6 | 16/21.5 - 35.3/47.4 |
| Outdoor noise level | dB(A) | 51.5 | 51.5 | 55.5 | 57 | |
| Outdoor unit | Dimension(W*D*H) | mm / inch | 770x300x555 / 30.31x11.81x21.85 | 770x300x555 / 30.31x11.81x21.85 | 800x333x554 / 31.50x13.11x21.81 | 845x363x702 / 33.27x14.29x27.64 |
| | Packing (W*D*H) | mm / inch | 900x345x585 / 35.43x13.58x23.03 | 900x345x585 / 35.43x13.58x23.03 | 920x390x615 / 36.22x15.35x24.21 | 965x395x755 / 38.00x15.55x29.72 |
| | Net/Gross weight | Kg - lbs | 24.5/27 - 54/59.5 | 24.5/27 - 54/59.5 | 31.5/34 - 69.5/75 | 40/43.5 - 88/96 |
| Refrigerant type (R-410A) | oz | 17 | 20.8 | 33.6 | 42.4 | |
| Refrigerant precharge | ft | 25 | 25 | 25 | 25 | |
| Additional charge for each ft | oz | 0.161 | 0.161 | 0.161 | 0.161 | |
| Design pressure | MP (PSIG) | 4.2/1.5 (550/340) | 4.2/1.5 (550/340) | 4.2/1.5 (550/340) | 4.2/1.5 (550/340) | |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ6.35/Φ9.52 (1/4"/3/8") | Φ6.35/Φ12.7 (1/4"/1/2") | Φ6.35/Φ12.7 (1/4"/1/2") | Φ9.52/Φ15.9 (3/8"/5/8") |
| | Max. refrigerant pipe length | m - ft | 25 - 82 | 25 - 82 | 30 - 98 | 30 - 98 |
| | Max. difference in level | m - ft | 10 - 33 | 10 - 33 | 20 - 66 | 20 - 66 |
| Operation temperature | Indoor | °C / °F | 17~32 / 62~90 | 17~32 / 62~90 | 17~32 / 62~90 | 17~32 / 62~90 |
| | Outdoor | °C / °F | -15~50 / 5~122 | -15~50 / 5~122 | -15~50 / 5~122 | -15~50 / 5~122 |
| Application area | m2 / sq.ft | 12-17.6 / 129-189 | 16-23.4 / 172-252 | 23.3-34.2 / 251-368 | 30.6-44.9 / 330-484 | |