

DIGICOM

INVERTER AIR CONDITIONER SPECIFICATIONS

| Model | | DG-1210IV/MD | DG-1810IV/MD | DG-2410IV/MD |
|-------------------------------------|--------------------------------|---------------------------------|------------------------|------------------------|
| TON | | 1 TON | 1.5 TON | 2 TON |
| Power supply | | V,Hz,Ph 220-240V- 50Hz, 1Ph | 220-240V,50Hz, 1Ph | 220-240V,50Hz, 1Ph |
| Cooling | Capacity | Btu/h 12000 | 18000 | 24000 |
| | Input | W 1100 | 1650 | 2190 |
| | Rated current | A 4.8A | 7.5 | 9.5 |
| | EER | W/W 3.21 | 3.20 | 3.21 |
| Heating | Capacity | Btu/h 12000 | 18000 | 24000 |
| | Input | W 1050 | 1460 | 2060 |
| | Rated current | A 4.8A | 6.5 | 9.0 |
| | COP | W/W 3.33 | 3.61 | 3.41 |
| Max. input consumption | | W 2050 | 2300 | 2500 |
| Max. current | | A 9.5 | 12 | 11.5 |
| Compressor | Model | ASN98D22UFZ | ASN140D21UFZ | ATF235D22UMT |
| | Type | ROTARY | ROTARY | ROTARY |
| | Brand | GMCC | GMCC | GMCC |
| | Input | W 748 | 1085W | 1970 |
| | Rated current(RLA) | A 5.35 | 7.58A | 6.95 |
| | Refrigerant oil/oil charge | ml Ester Oil VG74 370ml | ESTER OIL VG74/440 | ESTER OIL VG74/670 |
| Indoor fan motor | Model | YKFG-20-4-5 | ZKFP-30-8-3 | YKFG-45-4-22 |
| | Input | W 45 | / | 72 |
| | Capacitor | uF 1.5 | / | 3.0 |
| | Speed(Hi/Mi/Lo) | r/min | / | 1200/950/750 |
| Indoor coil | a.Number of rows | 2 | 2 | 2 |
| | b.Tube pitch(a)x row pitch(b) | mm 21x13.37 | 21x13.37 | 21x13.37 |
| | c.Fin spacing | mm 1.3 | 1.2 | 1.3 |
| | d.Fin type (code) | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium |
| | e.Tube outside dia.and type | mm Φ7,innergroove tube | Φ7,innergroove tube | Φ7,innergroove tube |
| | f.Coil length x height x width | mm 605x294x26.74 | 750x336x26.74 | 820x336x26.74 |
| | g.Number of circuits | 2 | 4 | 4 |
| Indoor air flow (Hi/Mi/Lo) | | m3/h | 801/608/502 | |
| Indoor noise level (Hi/Mi/Lo) | | dB(A) 41/33/25 | 47.2/-/32 | 48/41/33 |
| Indoor unit | Dimension(W*D*H) | mm 802x189x297 | 965x215x319 | 1080x226x335 |
| | Packing (W*D*H) | mm 875x285x375 | 1045X305X405 | 1155x415x315 |
| | Net/Gross weight | Kg 8.8/11.2 | 11.6/14.8 | 12/15 |
| Outdoor fan motor | Model | YKT-32-6-203L | YKT-32-6-203L | YKT-57-6-200L |
| | Input | W 72.5 | 72.5/67 | 106/85 |
| | Capacitor | uF 2.5 | 2.5UF/450V | 3.0 |
| | Speed | r/min 860 / - / - | 850/770 | 900/-/780 |
| Outdoor coil | a.Number of rows | 1 | 2 | 2 |
| | b.Tube pitch(a)x row pitch(b) | mm 21x13.37 | 21x13.37 | 21x13.37 |
| | c.Fin spacing | mm 1.4 | 1.2 | 1.4 |
| | d.Fin type (code) | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium |
| | e.Tube outside dia.and type | mm Φ7,innergroove tube | Φ7,innergroove tube | Φ7,innergroove tube |
| | f.Coil length x height x width | mm 755x504x13.37 | 860x504x26.74 | 760x651x26.74 |
| | g.Number of circuits | 2 | 4 | 6 |
| Outdoor noise level | | dB(A) 54 | 55.3 | 58 |
| Outdoor unit | Dimension(W*D*H) | mm 770x300x555 | 800x333x554 | 845x363x702 |
| | Packing (W*D*H) | mm 900x345x585 | 920x390x615 | 965x395x765 |
| | Net/Gross weight | Kg 26.6/29 | 35.5/38.3 | |
| Refrigerant type | | g R410A/760 | R410A/1400 | R410A/1650 |
| Design pressure | | MPa 4.2/1.5 | 4.2/1.5 | 4.2/1.5 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) 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 25 | 30 | 30 |
| | Max. difference in level | m 10 | 20 | 20 |
| Connection wiring | | 4x1.5(Optional) | 4x2.5(Optional) | 4x1.5(Optional) |
| Plug type | | 3x1.5 / BSR | 3x2.5 / - | 3x2.5 |
| Thermostat type | | Remote Control | Remote Control | Remote Control |
| Operation temperature | | ℃ 17-30 | 17-30 | 17-30 |
| Room temperature | Indoor(cooling/ heating) | ℃ 17-32/0-30 | 17-32/0-30 | 17-32/0-30 |
| | Outdoor(cooling/heating) | ℃ 0-50/-15-30 | 0-50/-15-30 | 0-50/-15-30 |
| Application area (Cooling Standard) | | m2 16-23 | 24-35 | 28-41 |