

## Ar Condicionado Série Eco

**Tropikal TK-12 | Tropikal TK-18 | Tropikal TK-24**



**TK-12**

**299 €**

Montagem: + 300 €

**Com montagem: 599 €**

**TK-18**

**489 €**

Montagem: + 370 €

**Com montagem: 859 €**

**TK-24**

**599 €**

Montagem: + 439 €

**Com montagem: 1.038 €**





## Características técnicas

| Series                                                   |                                                |                   |                | M PLUS Series      | M PLUS Series      | M PLUS Series      |
|----------------------------------------------------------|------------------------------------------------|-------------------|----------------|--------------------|--------------------|--------------------|
| Model                                                    |                                                |                   |                | Tropikal TK-12     | Tropikal TK-18     | Tropikal TK-24     |
| Tvne                                                     |                                                |                   |                | INVERTER           | INVERTER           | INVERTER           |
| Items                                                    |                                                |                   | Unit           | Heating Pump       | Heating Pump       | Heating Pump       |
| Nameplate<br>Parameter                                   | Rated Capacity                                 | Cooling           | W              | 3500(1000~4100)    | 5200(1500~5900)    | 7100(2400~7900)    |
|                                                          |                                                | Heating           | W              | 3600(1000~4400)    | 5300(1600~6000)    | 7320(2400~8200)    |
|                                                          | Rated Power Consumption                        | Cooling           | W              | 1085               | 1605               | 2180               |
|                                                          |                                                | Heating           | W              | 970                | 1415               | 1950               |
|                                                          | Rated Running Current                          | Cooling           | A              | 5.2                | 7.7                | 10.4               |
|                                                          |                                                | Heating           | A              | 4.6                | 6.8                | 9.3                |
|                                                          | Max.Input Power                                |                   | W              | 1600               | 2400               | 3400               |
|                                                          | Max.Input Current                              |                   | A              | 9.1                | 11.2               | 15.9               |
|                                                          | EER Cooling: Btu/h.W or WIW                    |                   | SEER           | A++<br>6.80        | A++<br>6.60        | A++<br>6.50        |
|                                                          | COP Heating                                    |                   | sCOP           | A+/A+++<br>4.2/5.3 | A+/A+++<br>4.2/5.1 | A+/A+++<br>4.2/5.1 |
|                                                          | Power supply source                            |                   | VIPh/Hz        | 220~240V-1-50Hz    | 220~240V-1-50Hz    | 220~240V-1-50Hz    |
|                                                          | Refrigerant                                    |                   | type           | R32                | R32                | R32                |
|                                                          | Refrigerant Charged                            |                   | gL             | 480g/675/0.324tonn | 810g/675/0.547tonn | 1000g/675/0.675ton |
|                                                          | Max.Discharge Pressure                         |                   | Mpa            | 4.2                | 4.2                | 4.2                |
|                                                          | Max.Suction Pressure                           |                   | Mpa            | 1.2                | 1.2                | 1.2                |
|                                                          | Air Flow Volume                                |                   | m3/h           | 370/430/520/580/65 | 610/700/780/870/90 | 630/820/990/1100/1 |
|                                                          | Noise level[+1-3dB]                            |                   | dB(A)          | 20/24/27/31/35     | 24/28/33/37/42     | 26/32/35/39/45     |
|                                                          | Noise level[+1-3dB]                            |                   | dB( A)         | 49                 | 50                 | 52                 |
|                                                          | Indoor unit weight(Net)                        |                   | Kg             | 8.5                | 11                 | 14                 |
|                                                          | Outdoor unit weight(Net)                       |                   | Kg             | 20                 | 25                 | 32                 |
|                                                          | Indoorunit weight(Gross)                       |                   | Kg             | 10.5               | 13                 | 16                 |
|                                                          | Outdoor unit weight(Gross)                     |                   | Kg             | 22                 | 27                 | 35                 |
| Indoor unit<br>configurati<br>on                         | Fan<br>system                                  | Fan               | Type           | cross-flow fan     | cross-flow fan     | Cross-flow fan     |
|                                                          |                                                |                   | Material       | AS                 | AS                 | AS                 |
|                                                          | Fan motor                                      | Type              | AC/DC          | AC                 | AC                 | AC                 |
|                                                          |                                                |                   |                |                    |                    |                    |
| Outdoor<br>unit<br>configurati<br>on                     | Dimensio<br>n                                  | Net Dimension     |                | mm                 | 825*290*200        | 940*320*230        |
|                                                          |                                                | Packing Dimension |                | mm                 | 880*350*270        | 985*375*315        |
|                                                          | Stop Valve                                     |                   | Liquid Valve   | Inch               | 1/4"               | 1/4"               |
|                                                          |                                                |                   | Gas Valve      | Inch               | 3/8"               | 5/8"               |
|                                                          | Compres<br>sor<br>Paramete<br>r                | Drive mode        |                | AC/DC              | DC                 | DC                 |
|                                                          |                                                | type              |                |                    | ROTARY             | ROTARY             |
|                                                          |                                                | Brand             |                |                    | GMCC-TOSHIBA       | GMCC-TOSHIBA       |
|                                                          | Fan<br>system                                  | Fan               | Blade Material |                    | AS                 | AS                 |
|                                                          |                                                | Fan motor         | Type           | AC/DC              | DC                 | DC                 |
|                                                          |                                                | Power             | Type           |                    | Outdoor            | Outdoor            |
|                                                          |                                                | Throttling gear   |                |                    | Capillary          | Capillary          |
|                                                          | Dimensio<br>n                                  | Net Dimension     |                | mm                 | 738*246*462        | 788*300*540        |
| Packing Dimension(Width<br>xDepthxHeight)TillValve cover |                                                | mm                | 775*315*515    | 825*380*590        |                    |                    |
| Container Loading Qty(CBU)40'HC                          |                                                |                   |                | 320                | 220                | 170                |
| Common<br>parameters                                     | Max pipe length                                |                   | m              | 25m                | 30m                | 35m                |
|                                                          | Max height difference                          |                   | m              | 10m                | 15m                | 20m                |
|                                                          | Standard pipe lenqth(no additional refrigerant |                   | m              | 3m                 | 3m                 | 3m                 |
|                                                          | Ambient temperature(cooling)                   |                   | ℃              | +16~+52            | +16~+52            | +16~+52            |
|                                                          | Ambient temperature(heating)                   |                   | ℃              | -15~+24            | -15~+24            | -15~+24            |
|                                                          | Operation temperature                          |                   | ℃              | 16-32℃             | 16-32℃             | 16-32℃             |
|                                                          | Ambient Temperature                            |                   | ℃              | -15-52℃            | -15-52℃            | -15-52℃            |
|                                                          | Degree of protection(IN)(OUT)(IPX0 etc)        |                   |                | IPX0/IPX4          | IPX0/IPX4          | IPX0/IPX4          |
| Class of electric protection(IN)/(OUT)/(I/II etc)        |                                                |                   | I/             | I/                 | I/                 |                    |