

# Smart Air Conditioner with Wi-Fi

- 301325** AC VIVION ON/OFF 12,000 BTU -V1
- 301326** AC VIVION ON/OFF 18,000 BTU -V1
- 301327** AC VIVION ON/OFF 24,000 BTU -V1

## Technical datasheet



Smart Home

## 1 Description:

VIVION air conditioners deliver greater comfort, performance and savings.

Their advanced functions bring a significant improvement to both heating and cooling. The range of models lets you choose the one that best fits your space and capacity requirements.

## 2 Technical Specifications:

| Model                                  |
|----------------------------------------|
| Smart air conditioning unit with Wi-Fi |
| 12,000 BTU, 18,000 BTU and 24,000 BTU. |

| Technical specifications         |                      |                         |                         |                         |
|----------------------------------|----------------------|-------------------------|-------------------------|-------------------------|
|                                  |                      | 12,000 BTU              | 18,000 BTU              | 24,000 BTU              |
| Voltage / Frequency              | V / Hz               | 220 ~ 240 / 50          |                         |                         |
| Design pressure (suction)        | MPa                  | 1.15                    |                         |                         |
| Design pressure (discharge)      | MPa                  | 4.15                    |                         |                         |
| Cooling capacity                 | BTU/h                | 12,000                  | 18,000                  | 24,000                  |
| Heating capacity                 | BTU/h                | 12,500                  | 18,500                  | 24,500                  |
| Rated power (cooling)            | W                    | 1,234                   | 1,851                   | 2,164                   |
| Rated power (heating)            | W                    | 1,127                   | 1,663                   | 1,927                   |
| Energy Efficiency Ratio (EER)    | W/W                  | 2.85                    | 2.85                    | —                       |
| Coefficient of Performance (COP) | W/W                  | 3.25                    | 3.26                    | —                       |
| Air circulation (indoor)         | m³/h                 | 550                     | 820                     |                         |
| Noise (indoor / outdoor)         | dB(A)                | 42 / 50                 | 44 / 52                 | 44 / 55                 |
| Refrigerant charge (R410A)       | kg                   | 0.61                    | 1.0                     | 1.2                     |
| Indoor unit dimensions           | mm<br>(L / H / D)    | 805                     | 910                     | 910                     |
|                                  |                      | 270                     | 295                     | 295                     |
|                                  |                      | 197                     | 220                     | 225                     |
| Outdoor unit dimensions          | mm<br>(L / H / D)    | 660                     | 780                     | 820                     |
|                                  |                      | 530                     | 560                     | 635                     |
|                                  |                      | 250                     | 270                     | 310                     |
| Weight: Indoor / Outdoor unit    | kg                   | 7 / 24                  | 10 / 35                 | 10 / 37                 |
| Copper pipe size, 3 m length     | Diameter<br>(inches) | Low: 3/8"<br>High: 1/4" | Low: 1/2"<br>High: 1/4" | Low: 1/2"<br>High: 1/4" |

Refrigerante  
R410A  
Modelo estándar  
Modelo estándar

Más eficiente

Menos eficiente

CONSUMO DE ENERGÍA MENOR (JWS)  
CON CAPACIDAD DE 1 TON POR H.

25.9

23.7

CAPACIDAD (JWS)  
(BTU/H)

3.2

3.7

POTENCIA NOMINAL (JWS)

1.2

NÚMERO UNIT 1110

aplicativo

El consumo de energía disminuye  
al utilizar el modo de refrigeración  
por convección.

La etiqueta A++ indica un rendimiento  
energético superior.

UTS&A

Energía

Refrigerante  
R410A  
Modelo estándar  
Modelo estándar

Más eficiente

Menos eficiente

CONSUMO DE ENERGÍA MENOR (JWS)  
CON CAPACIDAD DE 1 TON POR H.

39.3

34.9

CAPACIDAD (JWS)  
(BTU/H)

5.3

5.8

POTENCIA NOMINAL (JWS)

1.9

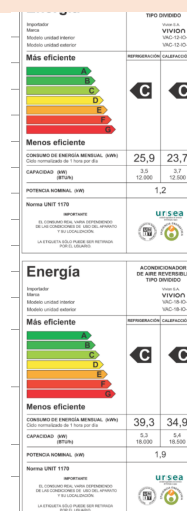
NÚMERO UNIT 1110

aplicativo

El consumo de energía disminuye  
al utilizar el modo de refrigeración  
por convección.

La etiqueta A++ indica un rendimiento  
energético superior.

UTS&A



### 3 Benefits:

**Anti-mould technology:** When the unit is switched off, small water droplets tend to remain inside the indoor unit. After shut-off, the fan keeps running for 3 minutes to dry the evaporator and the fan, preventing mould from forming inside the unit.

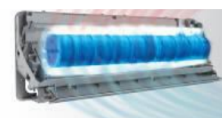
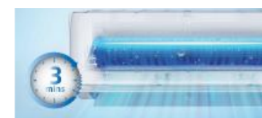
**Turbo mode:** With this function the air conditioner maximises its cooling and heating output, making the room cool down or warm up faster and reach the desired temperature in less time.

**Sleep mode:** In sleep mode the indoor unit lowers the fan speed and turns off the display so that light and noise do not interfere with the user's rest, creating the ideal climate for a good night's sleep.

**Anti cold-air function:** When heating mode is selected, before the evaporator reaches the target temperature the fan runs at low speed and the louvres are set to an angle that keeps cold air from reaching the users directly.

**I Feel function:** The remote control has a built-in temperature sensor. When this function is enabled, the air conditioner adjusts its operation to regulate the room temperature around the remote control.

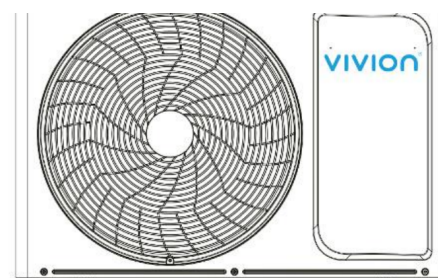
**Wi-Fi module:** Unit ready to be controlled in a smart-home environment through the VIVION App. Available on the App Store and Google Play.



### 4 Installation:



Indoor unit



Outdoor unit

### 5 Applications

Residential, commercial, office and institutional spaces.