

INVERTER Air Conditioner with Wi-Fi

Technical datasheet



- 301064** AC VIVION Stratos 9,000 BTU Inverter-DC, Class A
- 300123** AC VIVION Stratos 12,000 BTU Inverter-DC, Class A
- 300124** AC VIVION Stratos 18,000 BTU Inverter-DC, Class A
- 300125** AC VIVION Stratos 24,000 BTU Inverter-DC, Class A

1 Description:

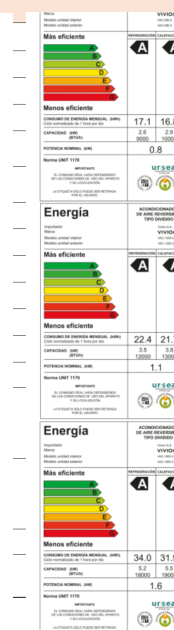
Units with INVERTER technology deliver greater comfort, performance and savings.

By modulating their cooling capacity, they hold the room temperature far more precisely than ON/OFF systems, gradually reducing output as they approach the desired temperature and then maintaining it.

2 Technical Specifications:

Model	
Inverter-DC air conditioning unit with Wi-Fi	
9,000 BTU, 12,000 BTU, 18,000 BTU and 24,000 BTU.	
Class A	

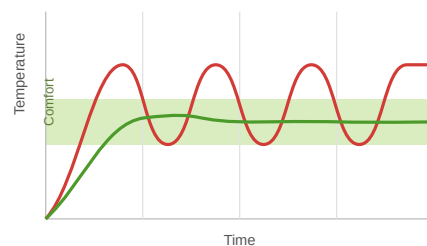
Technical specifications					
Model		9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Voltage / Frequency	V / Hz	220 ~ 240 / 50			
Design pressure (suction)	MPa	1.15			
Design pressure (discharge)	MPa	4.15			
Cooling capacity	BTU/h	2,250 ~ 10,000	2,250 ~ 13,000	5,550 ~ 18,800	3,800 ~ 28,000
Heating capacity	BTU/h	2,250 ~ 10,500	2,250 ~ 13,500	5,550 ~ 19,800	4,700 ~ 25,500
Rated power (cooling)	W	812	1,090	2,318	2,500
Rated power (heating)	W	803	1,050	2,304	2,400
Energy Efficiency Ratio (EER)	—	3.7	3.23	3.22	—
Coefficient of Performance (COP)	—	3.7	3.63	3.42	—
Air circulation (indoor)	m³/h	500	550	850	1,200
Noise (indoor / outdoor)	dB(A)	40 / 50	42 / 52	44 / 53	49 / 57
Refrigerant charge (R410A)	kg	0.61	0.8	1.27	1.85
Indoor unit dimensions	mm (L / D / H)	690	800	908	908
		196	200	223	223
		270	270	295	295
Outdoor unit dimensions	mm (L / W / H)	660	720	780	819
		250	250	270	309
		530	530	560	638
Weight: Indoor / Outdoor unit	kg	9 / 30	10 / 33	13 / 37	16 / 52
Copper pipe size, 3 m length	Diameter (inches)	Low: 3/8" High: 1/4"	Low: 3/8" High: 1/4"	Low: 1/2" High: 1/4"	Low: 5/8" High: 1/4"
Interconnecting cable, indoor–outdoor	no. × mm²	4 × 1.0	4 × 1.0	4 × 1.5	4 × 2.5



3 **Benefits:**

Inverter technology: An inverter regulates the voltage, current and frequency of a device. It is an energy-conversion circuit. On its own that may not sound like much, but it can mean **major savings** on your electricity bill.

A conventional climate system that needs to cool a room to a set temperature (e.g. 24 °C) does so by continuously repeating on/off cycles. An **Inverter** unit brings the room to that temperature faster—and without running all those cycles. In the chart, the red line represents the room temperature with a conventional system and the green line that of an **Inverter** unit.



UVC technology: UVC is a function that, through a 3rd-generation UVC LED lamp with a 30° working angle and a 30,000-hour service life, destroys the DNA of bacteria with an effectiveness of up to 99.2%, creating better air quality.



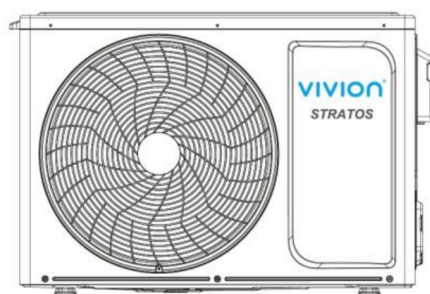
Wi-Fi module: Unit ready to be controlled in a smart-home environment through the VIVION App. Available on the App Store and Google Play.



4 **Installation:**



Indoor unit



Outdoor unit

5 **Applications**

Residential, commercial, office and institutional spaces.