

AEIRO PURE MINI

Compact pulsed and tunable* bipolar ionization device with Wi-Fi* control and auto-cleaning, designed for installation inside air handlers.



STANDARD FEATURES

- Pulsed Ionization Output
- Tunable Ionization Output*
- WiFi controllable with subscription
- 2.4Ghz WiFi (Does not work with 5Ghz)
- External WiFi antenna
- Auto-cleaning system
- Carbon fiber brush ionization emitters
- Alarm "dry" contacts
- Magnets included for easy mounting

ENERGY SAVINGS

The ASHRAE 62.1 Indoor Air Quality Procedure allows the reduction of outside air when the indoor air is cleaned and recirculated. The Aeiro Mini and a carbon filter can be used in conjunction with the IAQP and outside air may be reduced by up to 75%, subject to building pressurization. Contact Aeiro for application support.

PRODUCT DESCRIPTION

The Aeiro Pure Mini is a compact, auto-cleaning ionization device designed for easy installation in HVAC systems and other tight mechanical spaces.

The unit comes standard with Aeiro's pulsed ionization output, which alternates ion polarity with a factory-set pulse delay to help prevent opposite-polarity ions from canceling each other before entering the occupied space.

The Aeiro Pure Mini includes an integrated 2.4 GHz Wi-Fi module, allowing the ionization output to be tuned through Aeiro's R100 App to target selected indoor air contaminants. An active subscription is required to maintain remote connectivity, monitoring, and control. When Wi-Fi is not connected, the device automatically operates in factory-preset General IAQ Mode with equal positive and negative output times and a fixed pulse delay between cycles.

For installation flexibility, the Aeiro Pure Mini includes integral mounting tabs for sheet metal screw attachment, along with included rare-earth magnets for magnetic mounting where appropriate. Aeiro uses only USA-based servers for connected device operation.

Input Voltage (Standard)	12-24VAC / DC
Input Voltage (Optional)	110-277VAC w/power supply
Power Consumption	<10 watts
Frequency	50/60 Hz
Total Ion Output	>400M ions/cc (combined)
Airflow Capacity	3,600 CFM (6,116m ³ /h)
Capacity in Tons	9
Temperature Range	0 to 140F (-18 to 60C)
Humidity Range	5-95% RH (non-condensing)
Output Electrodes	Carbon Fiber Brushes
WiFi	2.4Ghz
Unit Dimensions (WxHxD)	4 x 2.3 x 0.95 in (100 x 58 x 24mm)
Weight	1.5 lbs (0.68 kg)
Electric Approvals	ETL, CAN/CSA
Compliance and Certification	FCC, RoHS, UL 867, UL 2998 Compliant, CARB**, Prop 65**

*Tunable control requires a paid subscription

**Expected by Q4 2026