

AEIRO PURE C10

Pulsed and tunable bipolar ionization device with Wi-Fi control and auto-cleaning, designed for installation on ducts



STANDARD FEATURES

- Pulsed Ionization Output
- Tunable Ionization Output*
- WiFi controllable with subscription
- 2.4Ghz WiFi (Does not work with 5Ghz)
- Auto-cleaning system
- 20 carbon fiber brush ionization emitters
- Alarm "dry" contacts
- 3 year extended warranty is included with monitoring subscription

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 Pure C10 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 C10 is a self-cleaning, pulsed + tuneable bipolar ionization system designed for duct mounting.*

Its power supply accepts 24V AC/DC and the unit is designed for long life with no scheduled replacement parts.

Its design allows for installation close to indoor spaces. The unit is ideal for complex duct set-ups and zone systems that are downstream of a Variable Air Volume (VAV) box, which enables the C10 to deliver better ion density.

The industry first, tuneable bipolar ionization (TBPI) output allows the end user to control the ion polarity to better target contaminants of concern such as particles, pathogens, mold and odors. For users that desire a wide range of control, simply select General IAQ from the contaminant list.

If the unit is not connected to WiFi or the monitoring subscription is not purchased, the unit will operate in General IAQ mode with equal positive and negative timing and a fixed duration pulse between ion polarities. If power is lost, the unit will resume from the last commanded setting.

Input Voltage (Standard)	24VAC / DC
Input Voltage (Optional)	110-277VAC w/power supply
Power Consumption	<9 watts
Frequency	50/60 Hz
Total Ion Output	>4.0B ions/cc (combined)
Airflow Capacity	10,000 CFM (16,990m ³ /h)
Capacity in Tons	25
Temperature Range	-20 to 140F (-28.9 to 60C)
Humidity Range	0-95% RH (non-condensing)
Output Electrodes	10 carbon fiber electrodes per polarity
WiFi	2.4Ghz
Unit Dimensions (Dia x L)	7 x 13.5 in (175 x 337.5 mm)
Weight	2.0 lbs (0.91 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