

AEIRO PURE DUCTLESS

Compact pulsed bipolar ionization device designed for installation inside ductless mini split air handlers.



STANDARD FEATURES

- Pulsed Ionization Output
- Carbon fiber brush ionization emitters
- Hook & Loop backed for easy mounting
- 4 predrilled mounting holes for zip ties or screws
- Only 12VDC between power supply and ionizing electrode
- Low profile to fit most ductless units
- Power & ion polarity indication lights

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 Ductless and a carbon filter may 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 Ductless is a low profile ionization device designed for easy installation in ductless mini split 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 Ductless device will clean up old cooling coils and help keep new coils clean.

For installation flexibility, the Aeiro Pure Ductless includes integral mounting holes at each corner for sheet metal screw attachment, or zip ties where practical. The back side of the ionizer electrode is provided with hook and loop tape for easy mounting and removal for ductless maintenance. Unlike other ionizers designed for ductless units in the market, Aeiro's ductless unit only requires 12VDC wiring (provided by Aeiro) between the power supply and the ionizer. There's no external high voltage wiring making the device easier and safer to install.

Input Voltage (Standard)	110 to 277VAC
Input Voltage (Optional)	NA
Power Consumption	<5 watts
Frequency	50/60 Hz
Total Ion Output	>3.2B ions/cc (combined)
Airflow Capacity	6,000 CFM (10,194m ³ /h)
Capacity in Tons	0-15
Temperature Range	0 to 140F (-18 to 60C)
Humidity Range	5-95% RH (non-condensing)
Output Electrodes	Carbon Fiber Brushes
WiFi	NA
Unit Dimensions (WxHxD)	18 x 1 x 1 in (450 x 25 x 25mm)
Weight	1.0 lbs (0.45 kg)
Electric Approvals	ETL, CAN/CSA
Compliance and Certification	RoHS, UL 867, UL 2998 Compliant, CARB*, Prop 65*

*Expected by Q4 2026