

PHENOMENAL AIRE

HIGH PERFORMANCE INDOOR AIR QUALITY TECHNOLOGY

SERIES

D18 PULSE

PRODUCT DATA SHEET

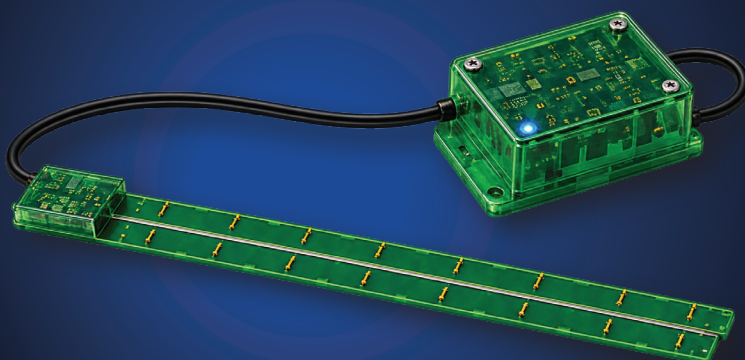


Low-profile Pulsed Ionization system
for ductless and compact HVAC applications

Pulsed output. Flexible installation. Built for tight spaces.

SERIES D18 PULSE UNIT

Ductless / compact-HVAC platform powered by AEIRO.



Low-profile design

18-inch electrode

Separate power module

CORE PERFORMANCE

1,600

CFM
AIRFLOW
CAPACITY

>150M

IONS/CC
COMBINED

<5W

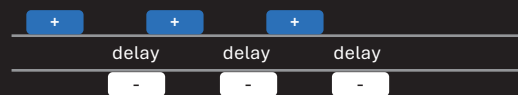
POWER
CONSUMPTION

12VDC

AT
ELECTRODE

PULSED

Pulsed ionization controls polarity and timing of ion generation to reduce immediate positive / negative ion recombination near the emitter.



Particles Mold VOC/Odor Static General IAQ

STANDARD FEATURES

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

TECHNICAL SPECIFICATIONS

Model:	Phenomenal Aire Series D18 Pulse
Airflow Capacity:	1,600 CFM (2,718 m3/h)
Capacity Rating:	0-4 tons
Total Ion Output:	>150M ions/cc combined
Temperature Range:	0 to 140°F (-18 to 60°C)
Humidity Range:	5-95% RH, non-condensing
Input Voltage:	110-277 VAC

Electrode Connection:	12 VDC
Frequency	50/60 Hz
Power Consumption:	<5 watts
Electrode Dimensions:	18 x 1 x 1 in. (450 x 25 x 25mm)
Compliance:	RoHS, UL 867, UL 2998 Compliant, CARB**, Prop 65**
Electrical Approvals:	ETL, CAN/CSA

** CARB / Prop 65 status pending AEIRO confirmation

APPLICATION PROFILE

Designed for ductless mini-split air handlers and other compact mechanical spaces where conventional duct-mounted devices may not fit.



DUCTLESS



MINI-SPLIT



TIGHT SPACE



INSTALLATION ADVANTAGE

The slim electrode is engineered for ductless mini-split air handlers and constrained mechanical spaces. The separate power module allows flexible placement while low-voltage wiring serves the electrode.



TARGETED HVAC APPLICATION

Purpose-built for ductless HVAC and compact systems requiring a low-profile ionization solution. Final placement and sizing are subject to application review.



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PAPD18REV09172027