

# DC<sup>2</sup>

**PureAir  
Filtration**

Data Center



**Keep electronics safe from corrosive pollutants—while improving indoor air quality**

### Capture harmful gases in your data center

The PureAir DC2 recirculates the air in the data center. As the air passed through PureAir's gas adsorbent media, harmful corrosive gases are captured and permanently bound. Purified air is sent out the top of the CM2 where it is used to cool servers without harming electrical components.

### Long-ranging, easy protection

The DC2 has low energy consumption and noise, and installation is a snap in your existing server cabinets. The DC2 is modular, so two units can fit inside cabinets. Each unit provides protection for up to 5000 square feet (approximately 500 M2). Airflow is variable, controllable up to 1000 cfm (1700 CMH), and differential pressure gauges indicate filter changes for easy maintenance.

## DC<sup>2</sup> Specifications

### Features

- MERV 7 (G4) Dust Prefilter
- 4 cubic feet (113 liters) of PureAir gas adsorbent media filled in low pressure holding frames
- MERV 14 (F8) Dust Final Filter
- Available with 110-230V and 50/60 V options
- Differential pressure gauges to indicate dust filter changes
- Low energy consumption - 0.7 kW
- Low noise
- Each unit provide protection for up to 5000 square feet (approx 500 M2)
- Variable control of airflow up to 1000 cfm (1700 CMH)
- Low EMF brushless AC blower motor

### Installation

- Easy to install – Installs in less than an hour in existing server cabinets
- Hidden inside existing server cabinets
- Modular – two units can fit in each server cabinet



### Complete the protection—pair with the CM2

The DC2 also works in tandem with the PureAir CM2 air quality monitor, which provides the needed verification that ANSI/ISA air quality standards are being met. Together, the DC2 and the CM2 ensure your data center assets are protected and will provide the most reliable service.

### Leading the Industry with the DC2

The following customers have implemented PureAir's proven technology to ensure the highest level of environmental protection for their critical hardware:

- Barclays Bank
- Farmers Insurance
- Google
- Hewlett Packard
- HSBC Bank
- Innodata

### Test Coupons for Lab Analysis

PureAir offers Corrosion Classification Coupons, which measure the air quality in your data center to ANSI/ISA standards. The test coupon is placed in the Data Center for 30 days and returned to PureAir to be analyzed by our certified laboratory technicians. If you are unsure if you have an environment that is harmful to your hardware, this should be your first step. Note that the coupon only measures corrosive gases and is not meant to verify Indoor Air Quality levels for Data Center personnel.



PureAir Filtration specializes in custom design solutions for a wide range of vapor phase air purification and contaminant control applications. PureAir Filtration designs and builds complete systems to meet the demands of ANSI/ISA S-71 environmental standard for protecting electronics.