

D-VAC 2020



Protobal Air Purifier

The **CX1000 Portable Air Purifier** is the only portable air purifier designed to deal with all facets of air purification: particle removal, chemical neutralization, and living organism abatement. CX air purifiers incorporate patented Photo-Catalytic Oxidation technology. This patented technology uses UVC light to activate a highly reactive catalyst. This process converts toxic compounds into benign constituents such as water and carbon dioxide. As technology has advanced, so have building construction standards. Today's modern, airtight, and energy efficient structures are often found to be plagued by poor indoor air quality (IAQ). Improve the IAQ in your home, your daycare, your workshop, or your office with a CX Air Purifier.



In-Duct Air Purifier

The **CX3000GS Ducted Air Purifier** is rated for use at standard ambient air temperatures and designed to operate with any air-conditioning or heating system, up to five tons in size. The whole house CX3000GS ducted air purifier works in conjunction with an HVAC system and provides up to 3,000 square feet of complete air purification. Using patented technology, the CX3000GS air purifier incorporates Photo-Catalytic Oxidation that uses UVC light to activate a highly reactive catalyst. This process converts toxic compounds into benign constituents such as water and carbon dioxide.



Room Ventilation Unit

ECO-FLO Energy Recovery Ventilator (ERV) is the all-in-one ventilation solution for new construction and renovation projects. This compact unit is capable of exhausting stale indoor air and supplying fresh filtered air from outside. The ERV core extracts thermal energy from the exhausted air and uses it to either pre-heat or pre-cool the incoming supply air (depending on the season). The ECO-FLO Energy Recovery Ventilator has the added benefit of indoor humidity control, making it ideal for use in both living and working environments.



Air Quality Monitors

The **AZ-AIR4, Air Quality Sensor** uses an advanced MEMS metal oxide semiconductor sensor to detect poor air quality. The sensor reacts quickly to detect a broad range of VOCs such as smoke, cooking odors, bio-effluence, outdoor pollutants and from human activities. The sensor captures all VOC emissions that are completely invisible to CO2 sensors. Extensive studies and research have shown that there is direct correlation between CO2 levels and VOC levels and the Air Quality Sensor has been calibrated to provide a "CO2-equivalent" ppm measurement value, thereby achieving full compatibility to existing HVAC CO2 ventilation standards. CO, NO & CO2 detectors also available.



HVAC Manufacturer's Representative



200B Verdi St. Farmingdale, NY 11735
516 256-3131 sales@dvachvac.com

D-VAC 2020



HEPA By-Pass Air Cleaner



Compact ERV



Revolutionizing home air cleaning, our **TFP3000-HEPA** combines two particle capture technologies to ensure clean, healthy air throughout your home. It allows air to circulate freely without putting any extra load on your air distribution system. The TFP removes 99.97% of health-threatening particles from the air in your home. Contains one replaceable TFP collector and one replaceable HEPA filter. Easily removable cores for cleaning and replacement. Filters spores and pollen.

METRO 120ERV-ECM Residential Energy Recovery Ventilator (ERV) is designed for high-rise buildings & town homes, our most compact unit to date, the Metro Series features an ECM motor that quietly introduces a supply of fresh outdoor air into each suite with up to 130 CFM airflow; addressing the quality of occupant air, reducing the building's environmental impacts and placing minimal load on the HVAC system.

SLIM HEIGHT OF 9.75" Discreetly installs in any bulk head and drop ceiling maximizing the in-suite area. **DESIGNED FOR ACCESSIBILITY** With a hinged door and sliding panel, the motor & electronics are easily removable for maintenance. **UNIQUELY ENERGY EFFICIENT** The ECM motor uses the equivalent electricity of one led light bulb when operating on low. Units available with standard motors and HRV configurations.

Commercial Energy Recovery Ventilators (ERVs) and Heat Recovery Ventilators (HRV) are the best choice for ventilating your building. These units are designed to provide fresh air into the building while exhausting an equal amount of stale air to the outside. Energy including moisture is transferred between the airstreams (ERV only) reducing the loads on the heating and cooling equipment while delivering the air comfortably and quietly into the space. Ranges from 100 to 2500 CFM



The **CA-1000T** maintains constant output voltage to the cell for maximum efficiency. With other cleaners the voltage to the cell drops as it collects and efficiency decreases dramatically. The unit uses less air turbulence than flush mount units making it quieter and yielding it higher capacity.

Low profile design requires only 8 1/2 inches above the T-Bar and will fit applications that others may not. Only 4 inches extend below the T-Bar ceiling. 100% TESTED, Each air cleaner is individually tested and operated.

COMMON APPLICATIONS • The removal of poor quality air in bars, lounges, restaurants, bowling alleys, welding shops, kitchens, club rooms, offices, computer rooms and a variety of other applications.



HVAC Manufacturer's Representative



200B Verdi St. Farmingdale, NY 11735
516 256-3131 sales@dvachvac.com