

D-VAC 2021



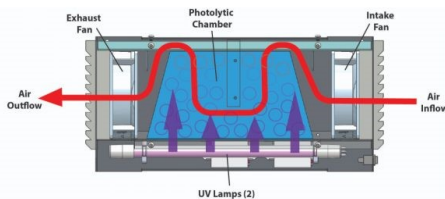
Room Ventilation ERV

AZ-FLO Energy Recovery Ventilators (ERV) are 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 AZ-FLO Energy Recovery Ventilator has the added benefit of indoor humidity control, making it ideal for use in both living and working environments.



Home Ventilation ERV

AZ-120ERV-F provides whole house ventilation designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air. **Performance—128 CFM @ .3 SP** Fast and easy mounting. Automatic recirculation damper for pressure neutral frost protection. No drain needed (enthalpy core). Units are equipped with supply and exhaust centrifugal fans with forward curved blades and build-in thermal overheating protection with automatic restart. The electric motors and impellers are dynamically balanced. **Other sizes available ranging from 56 to 223 CFM @ .3 SP**



Germ-Bacteria Purifier

GermZone 100's patented photolytic chamber contains several hundred tubular units, which are made from a unique material which allows UV rays to pass, but not germs. The germs get trapped long enough for the UV to kill. The GermZone system increases UV kill power up to 100X over UV alone. **This design, which is used in critical hospital disinfection systems, is the ONLY technology directly tested against airborne SARS CoV-2 virus, as well as bacteria, spores and other viruses.** Units can be mounted on a high wall and plugged into standard outlets,



Air Quality Monitors

The **AZ-AIR4, Air Quality Monitors** 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 & indoor pollutants. **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. **AirZoe has complete integrated air control systems solutions.**



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Portable Air Purifier



In-Duct Air Purifier



UVC & UVGI Air Purifiers

The **CX1000 Portable Air Purifier** is a 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.

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.

CX-Pro combines three powerful purification forces into the CX-Pro whole house air purifier that is ozone free. The high-intensity UVC germicidal lamp neutralizes viruses, bacteria and mold. The patented design uses a Photocatalytic Oxidation (PCO) process to neutralize odors and toxic VOCs into benign constituents and an activated carbon adsorption media to trap odors and toxic chemicals. In as little as two hours, the CX-Pro neutralizes 93.6% of airborne germs and 80% of odors and VOCs.

With the power of UVGI (ultraviolet germicidal irradiation) light, **CX-Aire** in-duct air purifier effectively neutralizes harmful airborne viruses, bacteria, mold and fungi. UVC light purifies the indoor air as it circulates through the treatment zone within an HVAC duct system. The compact design of the CX-Aire easily installs in an existing HVAC duct system and conveniently utilizes a pre-wired 120V power cord.



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