

CX-AIRE IN-DUCT AIR PURIFIER

With the power of UVGI (ultraviolet germicidal irradiation) light, CX-Aire in-duct air purifier effectively neutralizes harmful airborne viruses, bacteria, mold and fungi. The UVC light purifies the indoor air as it circulates through the treatment zone within the 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.

FEATURES & BENEFITS

- Compact design easily installs in an HVAC duct system
- Effectively neutralizes viruses, bacteria, mold, & fungi
- Irradiates AC coil of toxic organics and biofilm
- High-intensity, energy efficient UVC germicidal lamp
- Install in supply duct, return plenum or above AC coil
- Continuous operation
- Ozone free
- Pre-wired 120V power cord
- Built-in safety switch
- 2-year lamp efficiency; simple twist-and-lock replacement
- Limited 10-year warranty



MODEL	IN-DUCT DIM. (in.)	SIZING (tons)	VOLTAGE (V)	UV RANGE (n.m.)	LAMP (watts)	LAMP INTENSITY ($\mu\text{W}/\text{cm}^2@1\text{m}$)
CX-Aire	16	1.5-5.0	120	254	30	62

Where to position the CX-Aire

Indoor air in a typical HVAC system will recirculate 75-150 times a day. A CX-Aire installed in a supply or return duct will provide cumulative exposure that effectively controls airborne contaminants. The UVC light neutralizes airborne viruses, bacteria, and mold that circulate through the treatment zone in the ductwork.

An AC coil is often located in moist, dark places where mold and toxic biofilm can easily breed. During an HVAC system cycle, mold and toxic biofilm are released into the air because of an unhealthy buildup on the AC coil. When a CX-Aire is installed near the AC coil, the UVC light cleanses the coils and prevents that unhealthy buildup from reforming. This allows an AC system to run efficiently, which consequently reduces energy and maintenance costs and extends the life of the equipment.

Double the germ fighting power by locating a CX-Aire in a return or supply duct and a second CX-Aire above an AC coil.

