



**KADM Duct Mount Series**

### Introduction of Krystalair® UltraViolet (UVC) Air Treatment System

As the air conditioning system cycles on and off, the air conditioner gets damp, cold and warm. This wet, dark environment is a perfect breeding ground for mold, bacteria and viruses. Return air from air handling unit deposits mold spores and bacteria on the moist coil surfaces. **Krystalair® Ultraviolet (UVC) Air Treatment System** Short Wavelength UVC with 253.7nm has been proven effectively to deactivate airborne disease transmission and viruses.

#### Applications

Krystalair® Ultraviolet (UVC) Air Treatment System that illuminate cooling units with high-output (800mA) UVC energy that eliminates surface contaminants (mold, bacteria and other microbial biofilms) and reduce infectious airborne microbial contaminants, bringing improved IAQ to hotel/motel rooms, dormitories, offices, patient rooms, classrooms and other similar rooms.

**Krystalair® Ultraviolet (UVC) Air Treatment System** package high-output with ballasts (12,000 hours) into a convenient kit that delivers the best and longest-lasting UVC performance available. Independent tests show Krystalair® Ultraviolet (UVC) Air Treatment System deliver greater output than any other ultraviolet devices under HVAC operating conditions and the increased output of our lamps provide the most reliable germicidal performance and longest service life.

By installing Krystalair® Ultraviolet (UVC) Air Treatment System KADM Series, you can effectively control mold, bacteria and viruses growth inside duct or coil. It consists of UVC Lamp, long lifespan high output electronic driver and all necessary hardware components to slot into the duct including UV resistant cables, hour meter, ventilation fan. KADM slot-in design fits all common duct sizes.

### Benefits



- Continues cleaning of HVAC system, prevents Airborne transmission of bacteria and viruses.
- Improves Indoor Air Quality (IAQ) by reducing bacteria, viruses and mold.
- Reduces the risk of cold, flu, allergies and other illness due to bad indoor air quality.
- Non contact sterilization.
- Produces no ozone or other secondary contaminants.
- 12,000 hours warranty on lamps with only 20% decrease in output over the two years.
- Two (2) years warranty electronic driver.
- Perfect for healthcare, institutional offices and food production facilities.
- Water resistant & UV resistant secondary wiring.
- Shatterproof lamps for safety.



Workplace

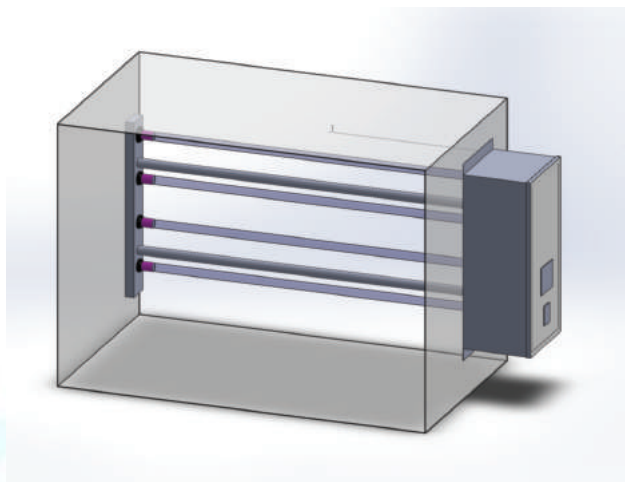


BEFORE

AFTER

Duct Mount

Proven effective in deactivating all airborne and surface microorganisms



3D View

## Application

- ▶ Health care
- ▶ Offices
- ▶ Hotels
- ▶ Industrial
- ▶ Factories
- ▶ Public Toilet
- ▶ Elderly Nursing Home
- ▶ Indoor Gathering
- ▶ Passenger Elevators
- ▶ Residential and other applications
- ▶ Hospitals
- ▶ Schools
- ▶ Clinics

## OPTIONAL ACCESSORIES



### Krystalair® Smart Intensity Meter

Krystalair® Smart Intensity Meter monitors lamp operation of one, two, or four lamp ultraviolet fixtures.



### Face Gear

Adjustable headgear and light-weight visor offers eye and face protection from UV Rays.



### Ultraviolet Test Meter

A sensitive, hand-held, ultraviolet meter that can be used to:

- Survey installations to ensure that the germicidal ultraviolet radiant exposure, of occupants within the treated area, is within acceptable limits.
- Check the intensity of aging ultraviolet lamps.

## ORDERING SPECIFICATIONS

Model	Voltage	Watt	Unit Dimension (mm)	Weight (kg)
KA-DM-4-18	1Ph/230V/50Hz	300W	185 (W) x 450 (H) x 200 + 480 (UV)	5.7
KA-DM-4-26	1Ph/230V/50Hz	300W	185 (W) x 450 (H) x 200 + 680 (UV)	6.8
KA-DM-4-39	1Ph/230V/50Hz	500W	370 (W) x 450 (H) x 200 + 1020 (UV)	7.5
KA-DM-4-61	1Ph/230V/50Hz	760W	370 (W) x 450 (H) x 200 + 1570 (UV)	8.5

