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## MODEL-36™

ULTRAVIOLET C-BAND GERMICIDAL PRODUCT  
FOR LIGHT COMMERCIAL HEATING VENTILATION  
AIR CONDITION (HVAC) SYSTEM APPLICATIONS

**Use the V Model-36 to improve indoor air quality by destroying HVAC surface and airborne microbes where they grow and circulate. The Model-36 is ideal where compact size, application simplicity and external duct or HVAC system mounting is needed.**

VALUABLE BENEFITS  
FROM THE LEADER IN THE  
APPLICATION OF UV

### Model-36 Efficiency & Safety

- Bi-axial lamp design provides superior coverage, output and performance where space is limited
- Longer lasting bulb that provides over 9000 hours of use (i.e. approximately one year when used full time)
- Fixture includes LED readout that demonstrates lamp and power supply function
- Built-in safety features to reduce possibility of accidental exposure to UV
- In HVAC evaporator coil irradiation applications, the Model-36 pays for itself through energy and maintenance savings in as little as one year
- One-year warranty on both the fixture and the lamp

### Model-36 Indoor Air Quality Benefits

- Helps to reduce airborne microorganisms including cold, flu and other viruses
- Helps to kill mold spores, which can cause chronic sinus infections and allergic reactions
- Effective in killing bacteria, including most harmful species
- Does not produce ozone, harmful gases, fumes or other contaminants
- May help reduce certain unwanted HVAC system smells by controlling the buildup of odor causing molds and mildew

### Model-36 Application & Installation

- Installs quickly, easily and safely into light commercial HVAC systems
- Compact size allows easy installation into most light commercial air conditioning ductwork or central air systems
- Annual lamp change-out in minutes using quarter-turn lock-in knob
- Fixtures are listed as UL/C-UL under Category Code ABQK (Accessories, Air Duct Mounted), UL Standards: 153, 1598 and 1995 respectively

ALTRU-V



**Model-36 Controls Allergens**

## APPLICATION

The Altru-V Model-36 is designed for the control of microbiological allergens and pathogens that may be found in light commercial HVAC applications. It can be installed quickly and is an economical way to provide highly effective germicidal 254 nanometer\* wavelength energy on internal surface areas of the HVAC system where mold, mildew, fungus or potentially harmful micro-organisms may live and breed.

The Model-36 uses proven technology. The benefits of 254 nanometer technology has been shown to substantially reduce HVAC energy costs (often paying for itself in less than one year). In addition, significant reductions of system mold, mildew, fungus and other potentially harmful organisms have been also been recognized.

The Model-36 is virtually maintenance free\*\* and uses less energy than a standard 40 watt light bulb. The heart of the system consists of a special environmentally friendly 254 nanometer wavelength lamp which is designed to operate 24 hours a day and costs just pennies to run.

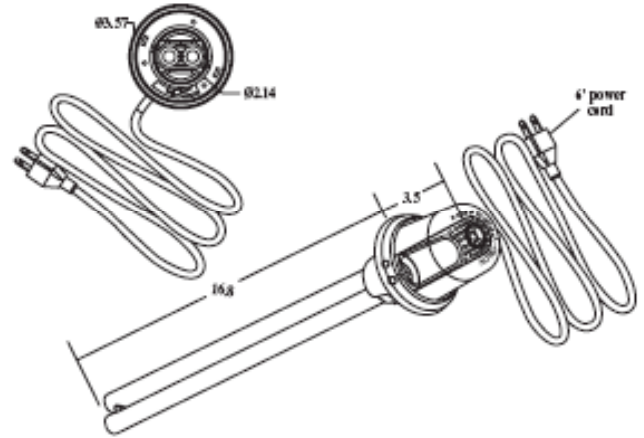
\* 254 nanometer light energy (found in the UV-C wavelength) has been used for years in commercial, industrial and medical facilities to effectively kill or neutralize many harmful microorganisms.

\*\* The 254 nanometer lamp should be replaced annually to maintain system effectiveness. Replacement lamps are readily available, inexpensive and can be replaced in just a couple of minutes.

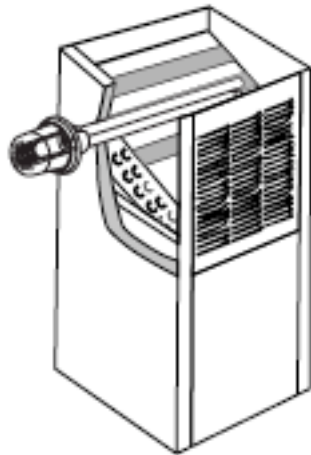
**Model-36** can be installed easily onto most all manufacturer's coil boxes or ductwork in either vertical, horizontal or counter-flow applications, and is installed from outside so there is no need to open or compromise the equipment. The installation consists of making one hole for the lamp, screwing the mounting bracket onto the plenum or duct wall, inserting the lamp and just plug it in! The lamp can be safely replaced in minutes using the exclusive quarter-turn lock-in knob.

**Independent Testing:** The Model-36 system has been independently tested to verify conformance to UL/C-UL per Category Code ABQK (Accessories, Air Duct Mounted) and UL Standards: 153, 1598 & 1995 respectively.

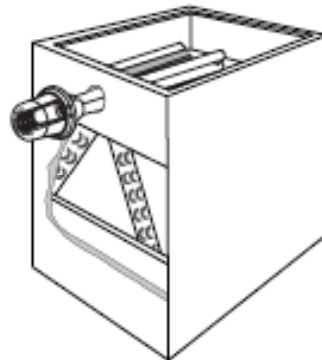
The health aspects associated with the use of this product and its ability to aid in the disinfection of environmental air have not been investigated by UL.



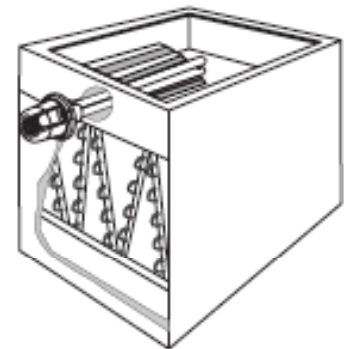
**Coil**



Typical Slab Coil



Typical "A" Coil



Typical Wedge Coil

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