SAFEGUARD THE AIR OF YOUR BUILDING WITH UVGI TECHNOLOGY!

UVHeal SafeAir
Ultra-Violet (UVC) Air Disinfection for Central Air Conditioning
EVERYONE DESERVES TO BREATHE FREE!

www.uvhealsafeair.com
THE COMPANY

We are a leading manufacturer of UV systems in India and are widely recognized across various business verticals all around the globe. As a company, we have an experience of with delivering products known for their innovation and utility. Being a leading manufacturer of UV systems in India, we have been experimenting with the ultra-violet disinfection system to ensure safe indoor air. With this aim in mind, we have recently launched UVHeal™ SafeAir - an ultramodern 'UVGI-Based Air Disinfectant' for central air conditioning systems to

HELP INDIA BREATHE FREE!

THE BRAND

Technology plays a huge role in all our products, and we have been consistently working towards developing a product that helps minimize the spread of airborne diseases from a single host to several people; especially in confined spaces. We realized that the most effective method for the airborne viruses and bacteria to multiply was through the centralized AC systems. That's when we came up with the idea to develop UVHeal™ SafeAir - an air disinfectant for air right at the AHU level. We believe that our product has the potential to save scores of people from the danger of deadly viruses and bacterial infections.

Ankit Sharma,
Director, Airific Systems Pvt. Ltd
UVHeal™ SafeAir is a comprehensive solution to provide cleaner and germ-free indoor air. The simple installation process in existing and new ducts ascertains that there is no downtime. The team of dedicated Airific experts has dug deep and designed a product that enhances air quality so that you can Breathe Free! All the models of UVHeal™ SafeAir are modular in design and can be customized to meet clients’ needs. These are energy-efficient products and can be controlled easily through the mobile app or BMS integration.

### FEATURES AND BENEFITS

<table>
<thead>
<tr>
<th>CUSTOMISABLE</th>
<th>EASY CONTROL</th>
<th>CORROSION RESISTANT BODY</th>
<th>SIMPLE SETUP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced simulation tools which allow us to design customized systems. Easy configuration as per system requirements.</td>
<td>System performance information and control through the mobile app or BMS integration. Built-in safety with automated shutdown control.</td>
<td>Corrosion resistant Aluminium and stainless steel.</td>
<td>Certified installers with provision to install the system quickly in existing/new ducts with literally no downtime.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SAFETY</th>
<th>RELIABILITY</th>
<th>ENERGY EFFICIENT</th>
<th>REAL TIME ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple &amp; inexpensive process with no chemical usage for disinfection. If properly installed, no possibility of UV exposure.</td>
<td>A non-intrusive, central solution that is useful on its own or in combination with filtration done at the AHU level.</td>
<td>Requirement based UV Dosage which allows our clients to save up to 30%* on power consumption.</td>
<td>Systems are equipped with required sensors to show real-time analysis for inactivation rate of various pathogens.</td>
</tr>
</tbody>
</table>
We follow standard guidelines for doing real-time analysis through sensors and software. We determine the intensity provided by the system installed on a real-time basis. For testing the efficiency and intensity of the system, we produce Heat maps and intensity graphs for various types of viruses, bacteria, fungi and mold. After evaluating the result, we create an average kill rate percent for these pathogens for the entire area and display this on a web-based application. This web-based application is hosted onto our server, and the client is given access to it through the cloud. Please check the attached report for more details.

### Below values are designed at 850 FPM

<table>
<thead>
<tr>
<th>Pathogens</th>
<th>Inactivation Rate Across Duct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coronavirus</td>
<td>99.9%</td>
</tr>
<tr>
<td>Serratia Marcescens</td>
<td>99.9%</td>
</tr>
<tr>
<td>Escherichia Coli</td>
<td>99.9%</td>
</tr>
<tr>
<td>Staphylococcus Aureus</td>
<td>99.9%</td>
</tr>
<tr>
<td>Streptococcus Pyogenes</td>
<td>99.9%</td>
</tr>
<tr>
<td>Pseudomonas Aeruginosa</td>
<td>99.9%</td>
</tr>
<tr>
<td>Legionella Pneumophilia</td>
<td>98.9%</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>99.7%</td>
</tr>
<tr>
<td>Vaccinia (Poxvirus)</td>
<td>99.8%</td>
</tr>
<tr>
<td>Coxsackievirus</td>
<td>99.7%</td>
</tr>
<tr>
<td>Influenza A Virus</td>
<td>99.8%</td>
</tr>
</tbody>
</table>

**HOW DO WE ENSURE 99.9% SAFE INDOOR AIR?**
HOW UV HEAL WORKS?

1. **MERV FILTER**
   Captures larger particles >0.3 μm

2. **UVHEAL™ SAFEAIR**
   UV Heal SafeAir Ultra-Violet (UVC) - Air Disinfection for Central Air Conditioning

3. **99.9% AIR DISINFECTION**
   When the air passes through UVGI, the air released at the vents is virus free.

4. **RETURN AIR DUCTS**
   Return air ducts draw air out of each room through a separate air vent and convey it back to the central unit to be reheated or cooled.

5. **REAL TIME MONITORING**
   Real-time monitoring via Web based application which shows inactivation for various pathogens

OUR SERVICES

- Professional & Skilled Service Engineers
- Design & Installation as per ASHRAE Standards
- Customized Solutions as per site requirements
- PAN India Availability
THE MODELS

All UVHEAL™ SAFEAIR models are modular in design. Moreover, our experts have developed a simulation tool through which they can design your system as per your specific requirements.

We select the perfect model with appropriate size and number of lamps after determining the UV dosage required to meet your disinfection needs.

UVHeal™ SafeAir UVH-LD/SD-1-###-230

UVHeal™ SafeAir UVH-LD/SD-2-###-230

UVHeal™ SafeAir UVH-LD/SD-3-###-230

UVHeal™ SafeAir UVH-LD/SD-4-###-230

UVHeal™ SafeAir UVH-LD/SD-5-###-230

UVHeal™ SafeAir UVH-LD/SD-6-###-230
WE OFFER SOLUTIONS FOR:

- Shopping Malls
- Corporate Offices
- Hotels
- Airports
- Schools & Colleges
- Restaurants
- Hospitals
- Theatres

OUR Esteemed Customers:

- Walmart
- airtel
- Harman
- Comcast
- SOCIAL
- Alpha
- Triveni
- TRIVIKRAM
- SAAB
- TSI
- IMPRESARIO
- Bagrry’s
- advant
- umlaut