

# Improving indoor air quality

roomfresh  
system



Cleanair  
SYSTEMS

**PHILIPS**  
UV Lighting  
Specialist Project Dealer



Members of the  
United States  
Green Building Council

[www.cleanairthailand.com](http://www.cleanairthailand.com)

# How does the system work?

Specially designed Philips UVC emitters are placed inside the plenum of the fan coil unit by removal of the grille at the front.

Installation takes only approximately 30-45 minutes per room.

Once installed, the system can be set to turn on/off relative to guest comfort. If possible, Clean Air recommend the system is turned on for as long as possible during the hours of daylight.

Once the system begins to function, all mold spore and foul-smelling bacteria are quickly 'burnt' off the surface of the fan coil...returning the air conditioning equipment to function at its design specification.

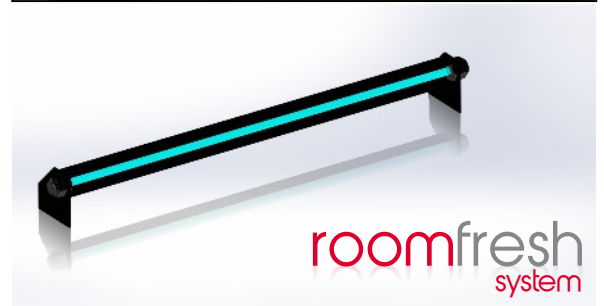
The RoomFresh system is a **PERMANENT** solution to the problem of moldy, damp-smelling rooms that cannot be fixed by the masking of odours with fragrances and gels.

Especially effective in resort hotels, at which guests often leave windows and doors open and the air conditioning on at the same time.

Cost to operate the system is about the same as a standard 40W light bulb. The Philips UVC emitters are guaranteed for 6-months and have a lifetime of 8,000 hours. If operated as per recommended usage the emitters will run for approximately 3.5 years before requiring replacement.



UVC energy 'burns' all foul-smelling odours off the fan coil unit, supplying clean, fresh-smelling air



## PHILIPS

### A healthier environment with Philips UV lights

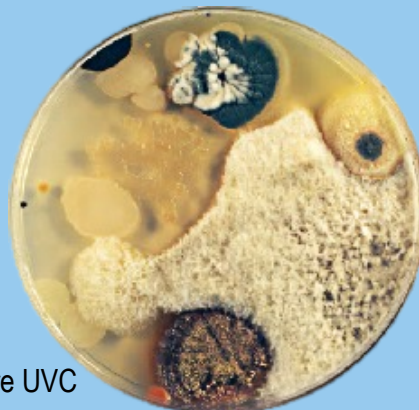
## How effective is UV-C against mold?

Recent testing of the systems efficiency was conducted at an international food processing plant.

The result was a 90%+ reduction in fungal and mold growth on the surface of the coil in only 30 days from installation of the system.

Testament to the power and efficiency of UV-C light!

Before UVC



After UVC

