



CLEAN AIR MAKES THE DIFFERENCE

medical applications



WHAT WILL YOU GET FROM CLEAN AIR

- > Less Nosocomial Infections
- > Less (MRSA, TBC, etc) outbreaks due to preventive isolation
- > Reduced stay in hospital and hygiene measurements
- > Protection of staff & employees

„Virobuster can provide a valuable contribution to reduce an infection significantly“

Dr. Ron Hendrix, Dutch NOS news, 26 Mai 2008



REASONS TO CHOOSE VIROBUSTER

> SUSTAINABLE

Lasting reduction of micro organism in HVAV systems

> EFFICIENT

Eliminates more than 99 % of fungi, spores, bacteria and viruses

> EASY APPLICATION

Modular and « Plug & play » solution

> ECOLOGICAL

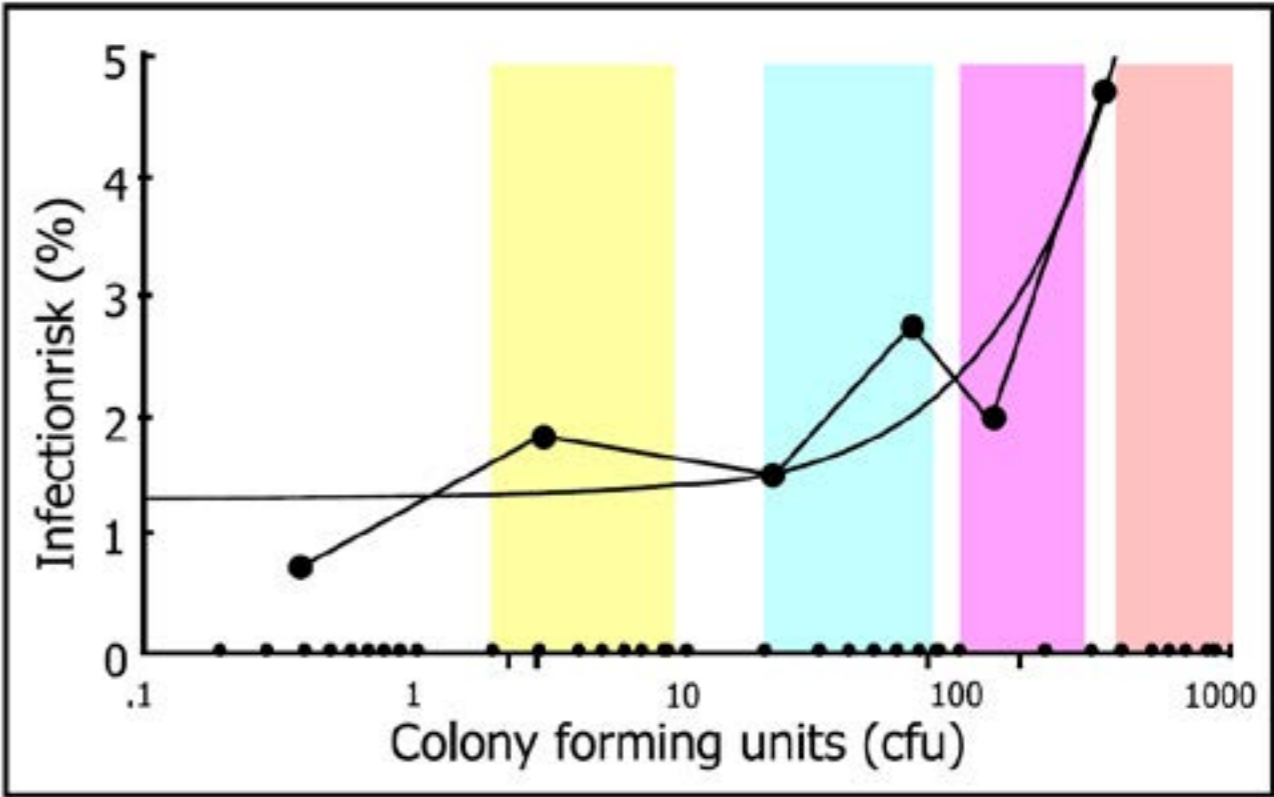
No use of chemicals, no organic waste, no ozone production

> ECONOMIC BENEFIT

No need for customized manufacture and upgrading existing HVAC systems



“The air is the only thing left dirty, and these opportunities give us a chance to also optimalize these last aspects also”
Dr. Marc Eijsink, - Dutch NOS news, 26 Mai 2008



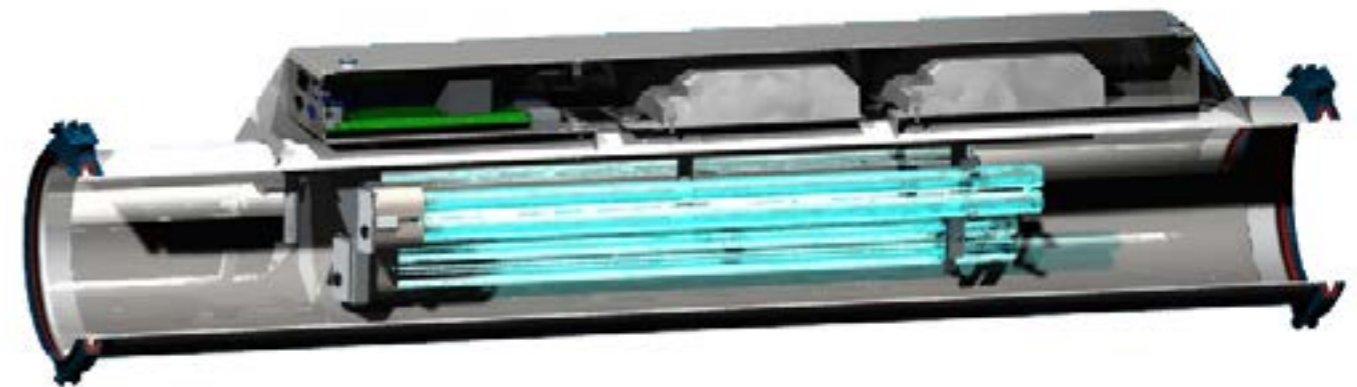


*STOP the micro organism reproduction
NEUTRALIZES their damage potential*



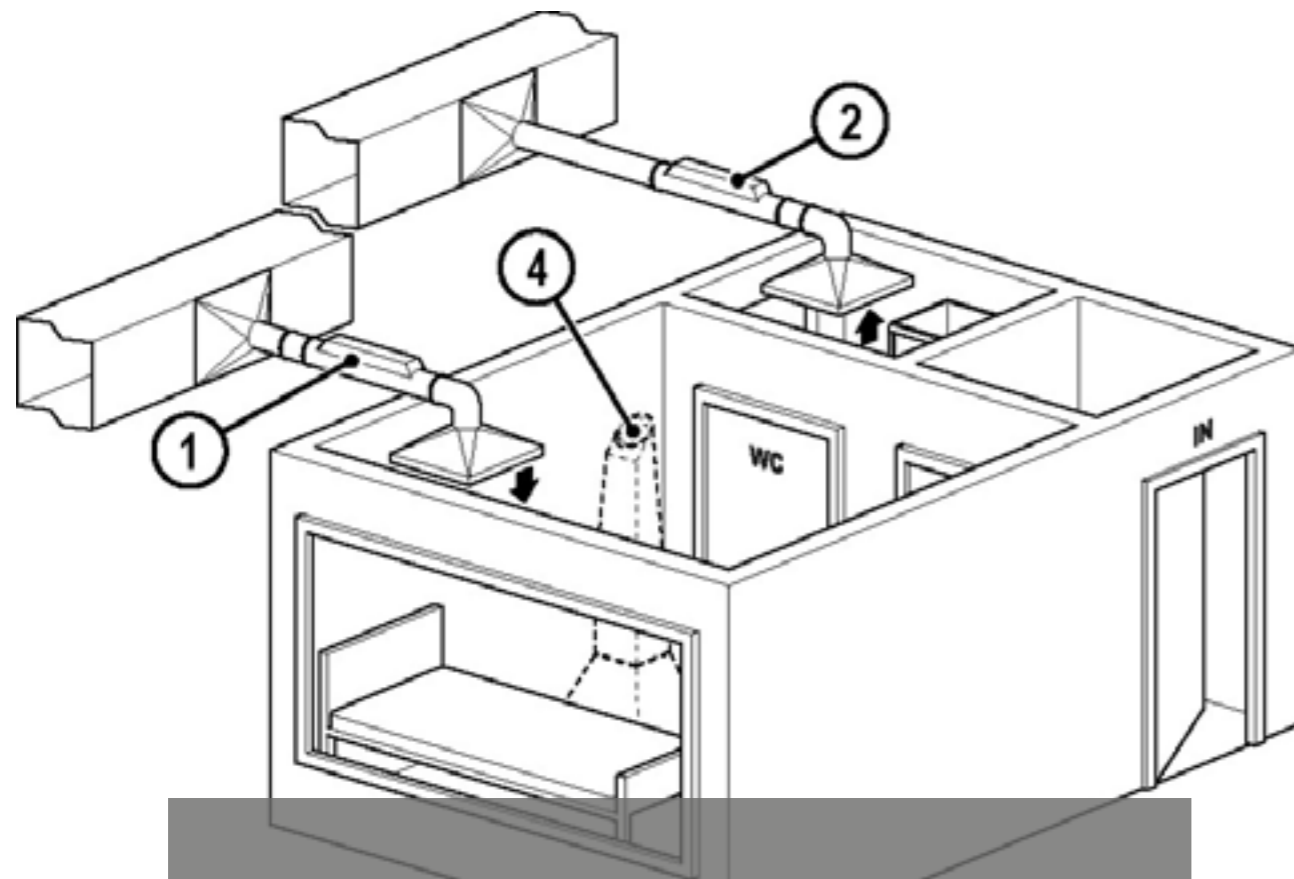
HOW DOES IT WORK

- > DNA is blocked by UVC (254nm)
- > Cell division of micro organism is prevented
- > An infection is prevented



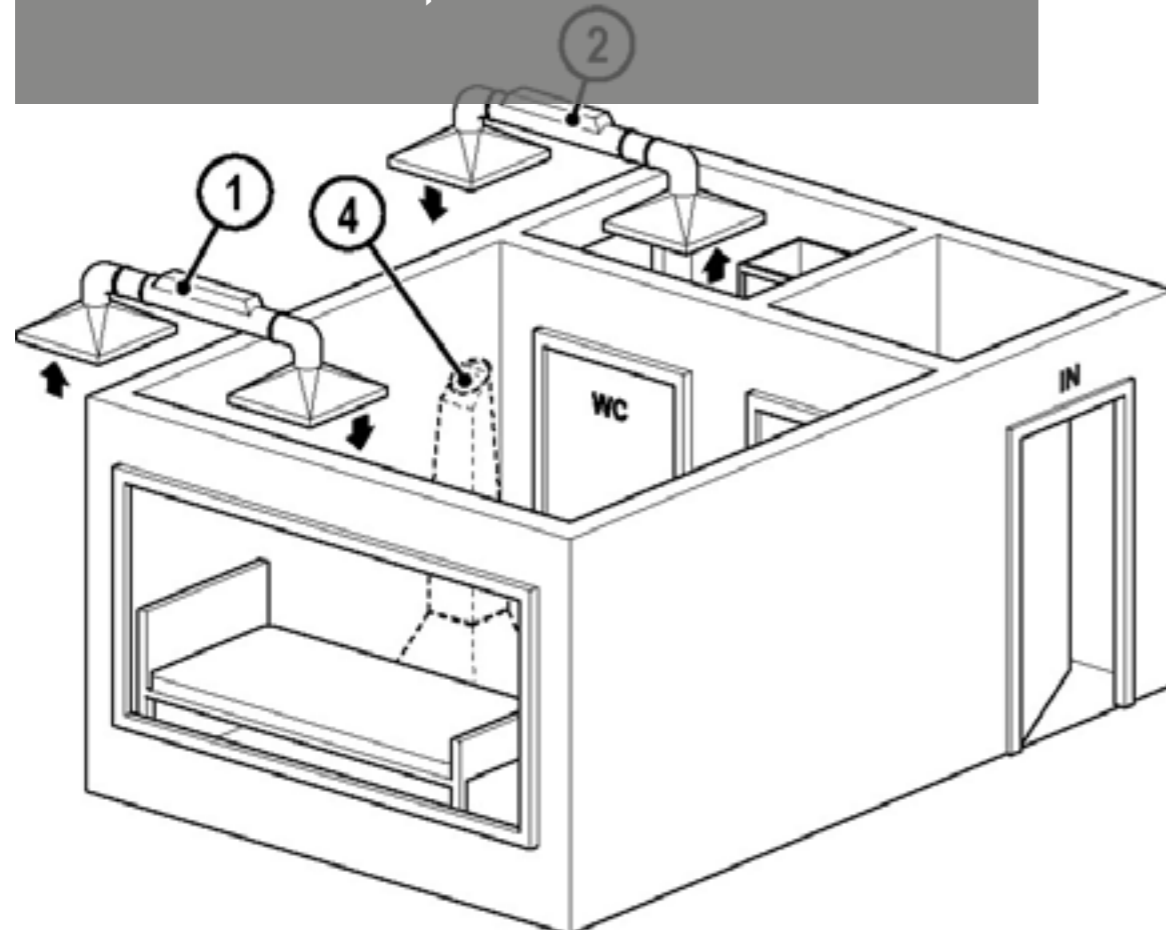
USE IN PRACTICE

MEDICAL SOLUTION



“VIROBUSTER® has taken the lead in research and development in air sterilisation technologies”

Dr. Kowalski, - UVGI Handbook 2009



VIROBUSTER® proofed its application in all health care spaces. A short overview

Operation room

VIROBUSTER® can be a good alternative to HEPA filtered air if the technical equipment for any reason whatsoever not allow conventional HEPA. Or when there is no HVAC installation at all !

Intensive Care

the individual capabilities of a VIROBUSTER® application, are ideally suited for an intensive care by integration in an HVAC or just mobile for more patient security needs.

Isolation room

The fact that a VIROBUSTER® solution can be used “on demand” for both maximum patients - as well as environmental protection (individually or together), means big energy and maintenance savings compared to conventional solutions.

Treatment room

For minor procedures with an increased risk it is good to know that the hospital has a mobile VIROBUSTER® available. The placement of a Steribase 300 Plus one hour before and during treatment provides maximum safety.

Patient room

in some cases it may also be very helpful for patients rooms to provide improved air quality, thinking of new born, burn wound, (bone marrow) transplant and chemotherapy patients.

Waiting rooms

Waiting rooms are usually a hotbed for pathogenic microorganisms with increased infection risk



VIROBUSTER® is a Born Global Firm™

Dr. Paula Englis, - "Born Global Firms" 2011

CASES



The University Clinic in Dortmund requested a space to be transferred into an heart catheterization treatment room. Implementation of classical HEPA was due to lack of space not possible.

ACHIEVED ADVANTAGES:

- > Technical implementation advantages
- > Same biological result
- > Less VOC based staff complaints



VIROBUSTER® installed in several spaces additional safety measurements by means of clean air inlet (new born mother-child rooms) and clean air outlet (MRSA contaminated dialysis patients)

ACHIEVED ADVANTAGES:

- > Safety for patients and staff
- > Improved outbreak control
- > Clean air request on-demand



“Buildings become more and more isolated, resulting in air related problems. UVGI is an upcoming technology dealing with this”

Prof. Andre Doree



CASES



This laboratorium takes care of hospital patient samples. The sampling and breeding of possible pathogenes should be done under High-Care conditions. An Steritube Plus installation provides clean air into the laboratory where the samples are treated.

ACHIEVED ADVANTAGES:

- > Less or no cross-contamination
- > Improved breeding result
- > Less waist

medisch centrum alkmaar

The Medical Centre in Alkmaar requested a room which should be prepared for isolation and quarantine patients. The possibility of bi-directional flow provided the use of a Steritube as an independent system which even provided with its own fan enough positive or negative pressure.

ACHIEVED ADVANTAGES:

- > Both isolation and quarantine in one system
- > Independent and self controlling HVAC System
- > Safe concept and low running costs

ABOUT THE COMPANY

Virobuster International GmbH

Virobuster have been confirmed to be very effective and practical in the medical market

Many scientific publications, recommendation letters and press articles have been published which makes the Virobuster UVPE the first worldwide Evidence Based UV Technology.

The company established cooperation's with several partners in all interesting market segments to meet the worldwide request.

- > Scientific proven
- > Worldwide accepted
- > Standard product



FROM MEDICAL TO INDUSTRY

The reduction of fungi, bacteria and viruses does have a significant impact on the air quality and would be beneficial for several segments:

Processing a product under clean air circumstances prevents a biological false start, meaning a much longer shelf life remains. With other words: Clean air can make the difference in shelf life.

FROM MICRO ORGANISM TO EMISSION REDUCTION

Virobuster developed next to micro organism reduction, also a technology to reduce emissions like odours.

We call it the Odourtube !

info@odourtube.com • www.odourtube.com



"OUR AIM
Innovations for higher product quality VIROBUSTER® UVPE technology enables air quality to be improved significantly without the use of additives, with a level of efficiency that is unparalleled and using a method that is not only compatible with existing hygiene measures but also free of emissions and safe for humans, animals and the environment."



Medical Applications



VIROBUSTER® INTERNATIONAL GmbH

Köhlershohner Straße 60 • DE-53578 Windhagen
Tel +49-(0)2224-818 780 • Fax +49-(0)224-818 500
info@virobuster.com • www.virobuster.com

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