

IONIC



**Active antibacterial sanitisation system with
negative ionisation and no ozone emissions**


brofer
making air better

ADVANTAGES:

- air side pressure drops close to zero;
- very low operating and maintenance costs;
- suitable for new systems;
- suitable for revamping existing systems;
- minimizes contamination and colonization of duct internal walls;
- suitable for installation on circular and rectangular ducts;
- suitable for installation inside air handling units;
- no ozone produced during operation;
- no danger when operating in the absence of ventilation.

Technical features

Power supply voltage	230VDC $\pm 5\%$
Maximum electrical absorption	3W
Output voltage	-8 ÷ -10kV DC
Output current	0,15mA
Output protection	Impedance 68M Ω
Ion emissions	>5,000,000 per cm ³ @ 100mm in static mode (during ventilation this is emitted into the air)
Maximum air flow rate	2000 m ³ /h (per single module) possibility to increase the air flow rate by mounting several modules in parallel
Effect of reducing the microbial, bacterial and viral load obtained on contact surfaces	

Negative ionizer test summary

DESCRIPTION

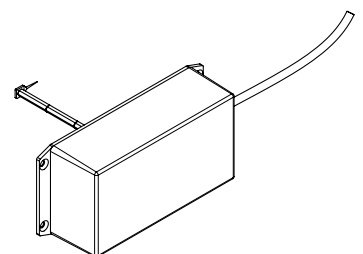
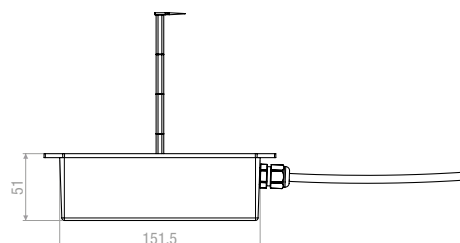
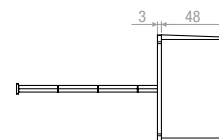
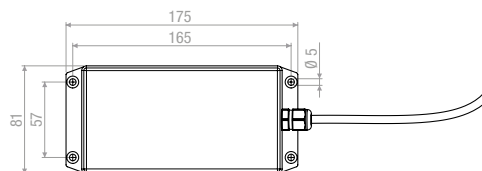
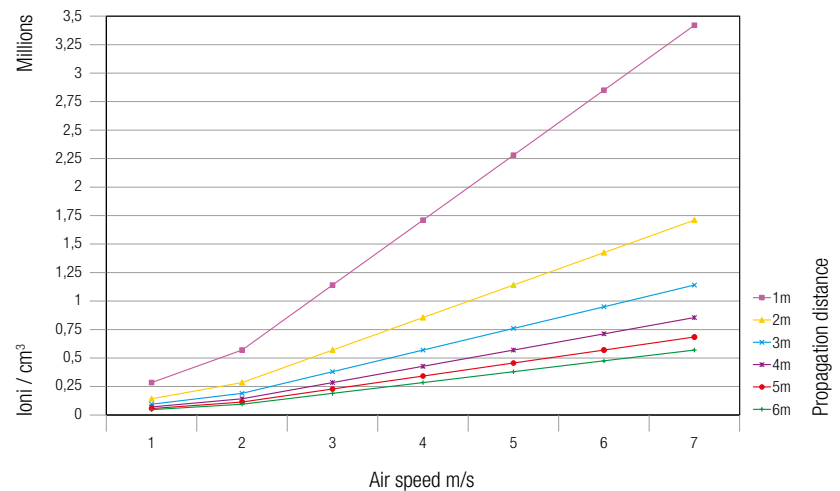
Tests performed on BCYE growth medium plates with cultures of Legionella pneumophila ATCC33152 strain to evaluate its effect on growth.

CONCLUSIONS

The results of both tests demonstrate that the instrument effectively produces a significant reduction in the initial CFU level. Specifically, after 2 hours of exposure, the decrease is 96% and after 4 hours this figure is 98.4%, which remains constant throughout the entire exposure period.



Ion emissions in the duct



UNIPD, ILH, ACCREDIA and ILAC-MRA certifications



ILH BERLIN
INSTITUT FÜR LUFTHYGIENE



Typical installation



DOMESTIC MCV UNIT



Models	Flow rate m ³ /h
RDCD25I	160
RDCD25SKI	180
RDCD25SKHI	250



Models	Flow rate m ³ /h
RDCD25SKCI	180
RDCD25SKHCI	250



Models	Flow rate m ³ /h
RDCD30SHI	227
RDCD50SHI	370



Models	Flow rate m ³ /h
RDCD40SKI	320
RDCD50SKI	450



Models	Flow rate m ³ /h
RDCD40SKCI	320
RDCD50SKCI	450



Models	Flow rate m ³ /h
RDCD300HCHI	300
RDCD300HCHI	300
RDCD500HCHI	500

DOMESTIC MCV PLENUM BOXES



Models
PVMCSH6I
PVMCSH10I



Model
PVMCMRI

AIR DUCTS



Code
PAVMC (Fixing plate)





We make technologies for better air

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