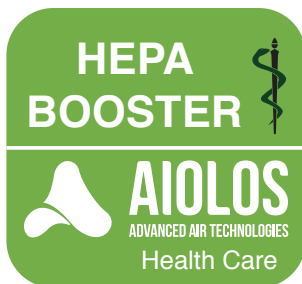


Place your trust in  
AiolosAir® Technology



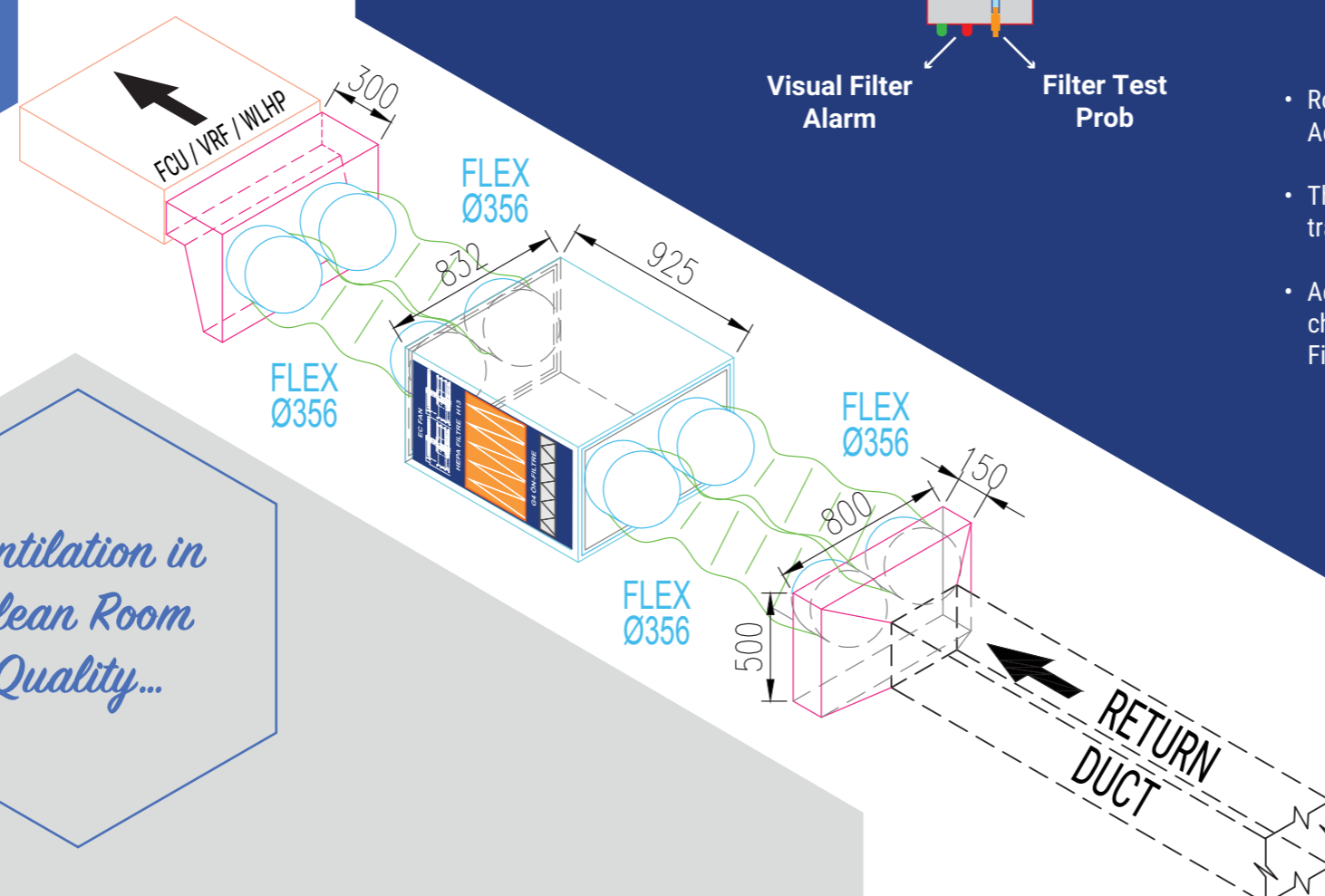
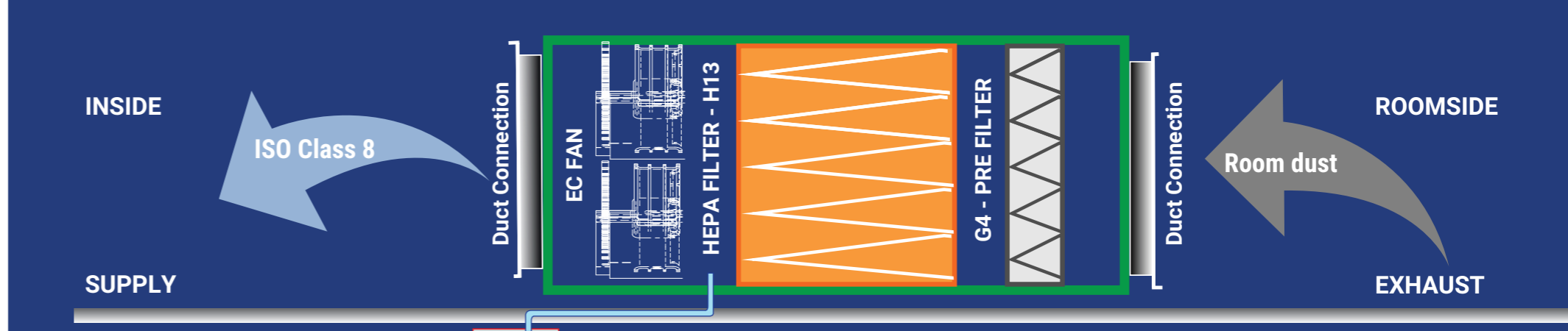
*Ventilation in  
clean room quality...*

**HepaBooster**

HEPA Filter Unit for Ducted  
Indoor A/C Units



**HepaBooster**



*Ventilation in Clean Room Quality...*

- Room dust is contaminated with Aerosols Bacterias and Viruses are bundelt on Aerosols. Aerosols are bundelt with dust.
- The ventilator compensates the pressure drop of the filter The fresh filtered air is transferred to the fan coil. 99,95 % dust free treated air is rejected to the Room
- Aerosols  $\geq 0,3\mu\text{m}$  are stored at the HEPA Filter A filter warning indicates a necessary change  
Filter changings only with authorized staff

## The Filter Principle

Depending on the impact of the Covid 19 pandemic in all public spaces, such as shopping malls, restaurants, offices, hotel rooms, etc. anywhere in the world, we have developed a first aid filter unit.

AiolosAir HepaBooster concept is developed especially depending of the recommendation of "ASHRAE Position Document on Infectious Aerosols" Excerpt from the recommendation:

- > Non-healthcare buildings should have a plan for an emergency response. The following modifications to building HVAC system operation should be considered:
  - > Increase outdoor air ventilation (disable demand- MERV controlled ventilation and open outdoor air dampers to 100% as indoor and outdoor conditions permit).
  - > Improve central air and other HVAC filtration to -13 (ASHRAE 2017b) or the highest level achievable.
  - > Add portable room air cleaners with HEPA or high-MERV filters with due consideration to the clean air delivery rate (AHAM 2015).

## HepaBooster Advantages at a Glance

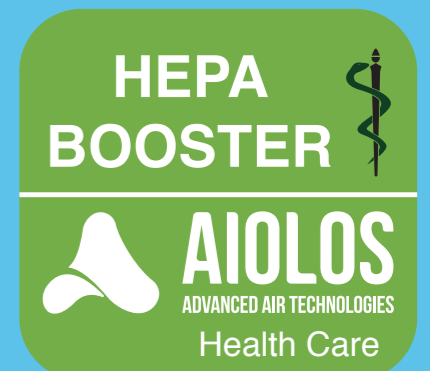
- Clean Room Filter quality
- Up to 99,95% Filter efficiency, aerosols  $\geq 0,3\mu\text{m}$
- Plug&Play assembled in the factory
- Low purchase and installation cost
- Easy filter maintenance (only with authorized staff)
- Filter test prob and visual filter alarm

## The Simple Principle Behind HepaBooster Air Treatment Ventilation

Now you are able to upgrade your decentralised fan coil unit or split system, which works in a recirculation function, with a highly efficient fine dust filter, normally used in operating theatres or clean rooms. The permanently recirculated room air is additionally passed through an ePM 1.0 filter. The degree of separation is over 99.95% for the finest aerosols.

The AiolosAir® HepaBooster is a compact ventilation system with highly efficient Filter technology and follow close to ASHRAE recommendation.

With authorized stuff it is easy to install depending of the complete assembling factory



## HepaBooster Technical Specification

Type	BT-450	BT-900	BT-1000	BT-2000	BT-3000
Air Volume	470 m3/h	940 m3/h	1000 m3/h	2000 m3/h	3000 m3/h
Number of Fans	1	1	1	2	3
Filter	G4 (ISO Coarse) + HEPA 13 (>0,3µm %99,95)				
Installed Motor Power	170 Watt	170 Watt	170 Watt	340 Watt	510 Watt
Power Supply	1~200-240V 50/60Hz				
Current Draw @ max. Op.	1,75 Amp	1,75 Amp	1,75 Amp	3,5 Amp	5,25 Amp
Control Signal	0-10 V				
Control Power Supply	24 VAC				
Dimensions (WxDxH)	385x925x346 mm	775x925x346 mm	527x925x532 mm	832x925x532 mm	1290x925x532 mm



**AIOLOS**  
ADVANCED AIR TECHNOLOGIES

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