DORMATEC
ENVIRONMENT SYSTEMS

CROSS-DRAUGHT EXTRACTION

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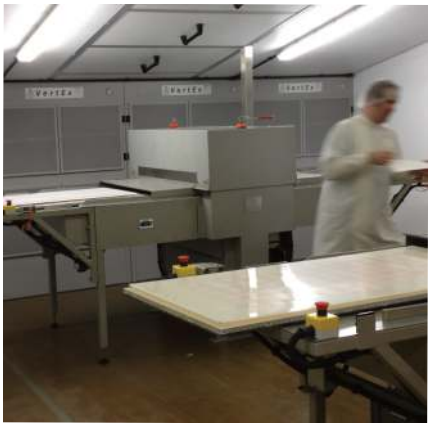
Why are Dust Extraction Systems Important?

Dust extraction systems are an essential part of your COSHH compliance. Finding an effective, demonstrable dust extraction system can be difficult but remains important because it can:



1

// PROTECT YOUR PEOPLE

Dust can cause health problems when inhaled. Dust inhalation could lead to a range of illnesses from occupational asthma through to various cancers, respiratory issues and heart-related diseases.

Dust can also be combustible. As a potential fire hazard, it could cause injury to your personnel.

2

// PROTECT YOUR PRODUCTS

Many finishing processes are affected by atmospheric dust. Maintaining a clean atmosphere is essential to good spraying, coating, etc.

Packaging in a dusty atmosphere means process dust is being shipped to your customers.

3

// HELP YOU SAVE MONEY

A healthy workforce is always a more productive workforce; less sick days mean a more effective business.

More importantly, the cost of failing to make a proper assessment under COSHH, and take steps to address issues, can be the most expensive mistake your business ever makes.

eco
Environmently Friendly

How the VertEx System works

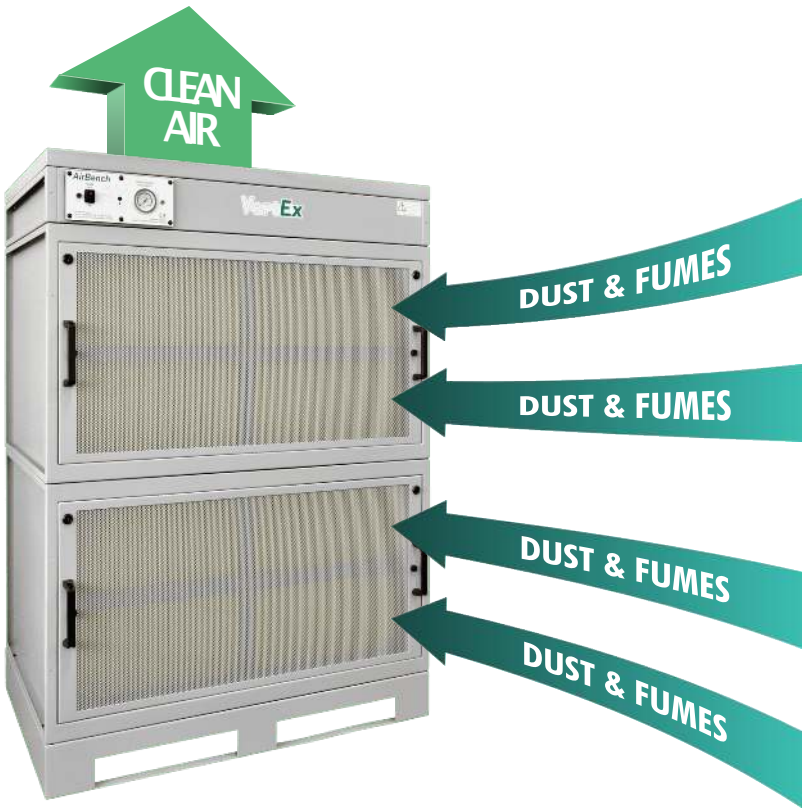
VertEx modular cross-draught systems are extracted walls – high air volume, low velocity extraction systems, providing a steady of air horizontally through your working area. VertEx base units can provide a simple face to work in front of while removing dust or fumes; through to a full dust containment booth.

All our products are built to order in our factory located in the East of England; all products are assembled from stock components allowing us to maintain short lead times. We provide solutions to specific problems using standard modular components and filtersets allowing rapid delivery.

// THE PROCESS

Captures Dust and Fumes

Quietly.
With no heat loss.



// SIMPLE AND EFFECTIVE

VertEx requires minimal operator intervention. The user does their job and VertEx solves their dust problem.

// QUIET

Typical noise levels of under 70 dBA across the range mean that VertEx does not introduce a requirement for hearing protection.

// QUICK INSTALLATION

Standard units require minimal assembly on site before setting into position and beginning work. Booths can be assembled in 2-3 hours from standard parts.

Book a Demonstration

Please call our to book a visit to our demonstration suite or an on-site assessment.

T: +31 (0) 229 54 24 85
E: info@dormatec.eu

// VERTEX - VA

MODULAR CROSS-DRAUGHT EXTRACTION

Some dust extraction applications are too large for an AirBench. For these applications we use VertEx, our modular cross-draught extraction system. VertEx draws large volumes of air sideways, past the operator, and into internal filters, returning clean air to the room. Multiple VertEx units can be installed together alongside our standard booth components to form a walk-in extracted booth.

Features and

- Modular cross-draught system
- Heavy Duty 2mm steel
- Fully welded and powder coated
- Wide range of filtration options
- High efficiency fans
- Ready for use on delivery, or combine to make a walk-in booth
- Powder coated

Available with a wide range of filters.

// VERTEX - VP

MODULAR CROSS-DRAUGHT EXTRACTION
WITH PULSE CLEAN FILTERS

While VertEx VA provides the best solution for large parts, VertEx VP adds a pulse-cleaned filter system for high dust volumes. In-built compressed-air powered filter cleaning makes these units ideal for stone masonry, welding, grinding, and similar applications where dust volumes overpower panel filter systems. Simply push a button to clean the filters and continue working.

Features and

- Modular cross-draught system
- Heavy Duty 2mm steel
- Fully welded and powder coated
- Wide range of filtration options
- High efficiency fans
- Easily reconfigured
- Ready for use on delivery, or combine to make a walk-in booth
- Pulse-clean filter system with optional final HEPA filter

Available with a wide range of filters.

CROSS DRAUGHT
MODULAR TECHNOLOGY
EC FAN TECHNOLOGY
DUST EXTRACTION
FUME EXTRACTION

DORMATEC
ENVIRONMENT SYSTEMS

// VERTEX BOOTH

WALK-IN DUST EXTRACTION BOOTH

Our VertEx modular extraction system forms the basis for a complete extraction booth. Combine multiple VertEx VA or VP units with our modular booth panelling system to create a quickly installed, easy to assemble, low energy use, dust and fume extraction booth. VertEx Booths use ultra low power fans for highly efficient dust capture.

Features and

- Modular cross-draught booth system
- Heavy Duty 2mm steel
- Includes lighting
- Fully welded and powder coated
- Use any VA or VP base units to provide extraction and filtration
- High efficiency fans
- Optional control panels for multiple VertEx units
- Booth construction allows almost any size or depth

CROSS DRAUGHT

MODULAR TECHNOLOGY

EC FAN TECHNOLOGY

DUST EXTRACTION

WELDING & GRINDING

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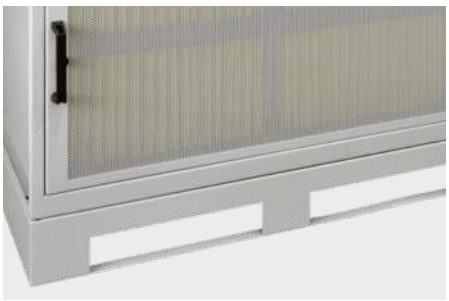

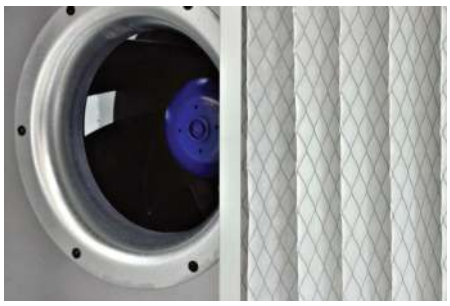

// MODULAR SYSTEM

Based on the VertEx modular system, the addition of flexible booth panels allow for the construction of large walk-in booths, quickly and efficiently.

// HIGH EFFICIENCY FANS

Our low energy fans allow us to move large volumes of air, at low power. EC Technology permits simple low voltage control, or central management.

// BUILD A BOOTH

From a simple extracted wall to a full height extracted booth, constructed within a day using the VertEx modular approach.

Dormatec Environment Systems

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