

About VertEx

VertEx is a self-contained cross-draught dust extraction system, designed for the capture of dust generated from large workpieces.

Air is drawn in across the whole front face of the extractor unit, providing a constant low-velocity, high volume flow region within which respirable dusts will be captured. Dust generated within this region is drawn in to the internal filters and captured; clean air is returned to the room.

Airflow is at a low velocity allowing comfortable working over long periods with minimal personal protective equipment; contaminant clouds are removed rapidly from the worker's breathing zone.

Multiple **VertEx** units can be located together, allowing for the quick and simple assembly and relocation of large working areas. Optional enclosures and curtains are available allowing rapid construction of a full containment booth from one or many VertEx units.

VertEx provides a new approach to the capture of dusts from large workpieces, taking WorkPoint's proven high-volume, low-velocity method and applying this to work which cannot be readily performed on a downdraught bench.

VertEx can be supplied with extended legs where extraction at floor level is not required.

As standard **VertEx** uses a single phase 13a supply. Where appropriate, it can be supplied configured for 3-phase operation.



Specification

Model	Width	Height	Depth	Power	Fan
VA1008	975	865	600	.57kw	1 x Forward Curved Centrifugal
VA1016	975	1605	600	1.2kw	2 x Forward Curved Centrifugal
VA1308	1370	865	600	.74kw	2 x Forward Curved Centrifugal
VA1316	1370	1605	600	1.2kw	3 x Forward Curved Centrifugal

Applications

VertEx is designed for applications which generate dust over a large area, but cannot be performed on a downdraught bench.

- Applications include:
- Weighing
 - Powder dispensing
 - Sanding or Cutting
 - Drying

Filtration

VertEx is available with the following standard filter configurations:

- A Non sparking dusts
- H Fine non sparking dusts
- B Very fine non sparking dusts
- L HEPA filtration
- E Low volume fume
- C Light sparks

See separate datasheets for more information.

Specifications and Prices are Subject to Change Without Notice. All Dimensions Nominal, excluding doors and outlets.

VAI008



Width: 975

Height: 865

Depth: 600

Power: 0.57 kw

Fans: 1 x Centrifugal

VAI308



Width: 1370

Height: 865

Depth: 600

Power: 0.74 kw

Fans: 1 x Centrifugal

VAI016



Width: 975

Height: 1605

Depth: 600

Power: 1.2 kw

Fans: 2 x Centrifugal

VAI316



Width: 1370

Height: 1605

Depth: 600

Power: 1.2 kw

Fans: 3 x Centrifugal

Flexible Strip Curtain



VertEx VAI316 fitted with flexible strip curtains provided to depth of 1m (other depths available).

Forms a flexible booth arrangement with easy access.

Dust capture over a large area.

Sample Installations

Multiple Units with Booth



3 x VertEx VAI316 with steel panel booth top and sides to overall size of 4m x 2m x 2m.

Rapid assembly provides an enclosed, protected working area for large workpieces.

Raised Legs and Table



VertEx VAI308 on extended legs behind robust workbench.

Dust is captured from the full depth of the workbench.

Forms a stable platform for weighing and other applications.