

BV555-D

Ducted Multi-Position  
Spraybooth

**BenchVent**  
The Bench Ventilation Company

## Exagon - Rigid ABS Multi-Position, Multi-Function Ducted Spraybooth

**Vastly reduce overspray and particle deposits**

Contain and filter for a cleaner, healthier working environment within art, graphics, hobby, modelling and crafts.

### **Application include:**

Designed as a small spray trap, the Exagon-D is a multi-position, multifunction rigid ABS plastic spraybooth designed for filtration/extraction/dilution of model sprays, light grinding particles, spray adhesives and other airborne sprays.

Spray onto Artwork or 3D models or work near the intake when soldering, air is drawn into the front of the unit and cleaned air is vented to the outside atmosphere via a 2mtr length of flexi-duct.



Demonstrating adequate control of the risks to the health of employees, students and the general public, from dusts, powders, mists, fumes and vapours is the fundamental requirement of the Control of Substances Hazardous to Health (COSHH) regulations 2002 and 2004.

[www.benchvent.com](http://www.benchvent.com)

# BenchVent Vented to Atmosphere Multi-Position Spraybooth

## Description

Rigid ABS Plastic construction, finished in black "orange peel" effect – multi position shape – carry Handle – standard 5 particulate filters – external rotor motor centrifugal blower, brushless, UL, VDE and CSA approved - sealed electrical wiring and switch, downstream of filters.

## Operation

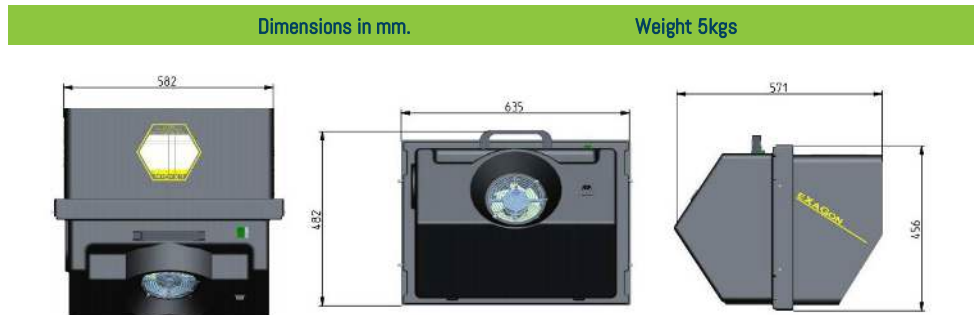
All BV filtration and extraction systems carry a lifetime warranty, are quiet in operation and can be assembled in seconds. Place in position attach duct to wall or window and then simply plug in and switch on.

These units can be used in 3 positions:

**Upright position:** Filtration/extraction/dilution of model sprays and airbrush spray as well as light grinding particles on models and 3D objects placed in front of the filter air intake.

**Reclining Position:** Filtration/extraction/dilution of spray adhesives and aerosol lacquers, fixatives and airbrush spray on artwork placed directly onto the filter

**Filter Down Position:** Extraction/Dilution of solder fume and contaminants other than propelled airborne sprays. Work near intake, air is drawn in from front and back of the unit.



## Filtration

The particulate (intake) filter is a three stage graduated fibre filter with a high 'dust' holding capacity for long life. Filtration to 5 micron particles. NB: Spray particulate sizes vary from 10 to 20 microns.

The dual process of filtration and then extraction, vastly reduces operator exposures to potentially hazardous substances.

## Specification

| Model Number | Fan Motor* Spec | Air Volume At Free Air | Ave. Air Velocity At Filter Face | Noise Level LAeq dB (A) |
|--------------|-----------------|------------------------|----------------------------------|-------------------------|
| BV555-D      | 230V 50Hz 105W  | 355m <sup>3</sup> /hr  | 0.4m/sec                         | 58                      |

These units are ducted and is designed predominantly as a small "spray trap" for studio/workshop cleanliness and for immediate operator protection from concentrations of airborne contaminants.

**The Exagon is not designed for production applications and continual use especially in confined and/or badly ventilated areas. Please see our other products for higher specification applications.**

Please contact BenchVent for advice on the choice of machine for any given situation.

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