RAVEX® Paint Control Container

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Protecting people and our environment

Fume Extraction

The RAVEX® Paint Control Container is a self-contained, containerised Local Exhaust Ventilation (LEV) system created to support controlled spray, coating, paint, resin, vapour and solvent-related work where a permanent spray booth is impractical. The unit brings a dedicated working environment, downdraft capture, filtration and external extraction together in a mobile format that can be moved to the point of need.

Built from a converted shipping container, the system is intended to help keep airborne contaminants within the working envelope, draw spray mist and solvent vapours away from the operative, and support COSHH-led control of exposure during temporary works and customer demonstrations.

Features

- 20 ft containerised spray bay / LEV system, designed as a controlled temporary work area.
- POLIEX[MB1] downdraft bench creates controlled downward airflow across the work surface. [MB1]RAVEX
- Helps keep spray mist, overspray and vapours contained within the working envelope.
- G3 pre-filter, F9 pocket filter and optional HEPA H13 filtration route, subject to final configuration.
- Activated carbon/Actisorb module supports vapour and odour control for solvent-related tasks.
- External ATEX centrifugal fan arrangement, with final airflow and power configuration confirmed at survey and commissioning.
- Transportable by standard flatbed vehicle and self-contained with no permanent fixing required.

Benefits & Advantages

- Draws airborne contaminants away from the operator and supports a controlled exposure-reduction approach.
- Combines container containment with LEV extraction, downdraft capture and staged filtration.
- Provides a temporary controlled spray facility without requiring a permanent booth installation.
- Designed around COSHH principles, HSE spray-painting guidance and LEV commissioning expectations.
- Can be transported to the site, trial location or customer demonstration area as a self-contained unit.
- Creates an RVT Group-managed package that can be supported by operational checks, documentation, photography, specification sheets and future hire registration.

Request Price

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Technical Data

Specification	Ravex® Paint Control Container
Power supply	32A 415V
Motor specifications	Three phase 1.5kW 1390rpm @50Hz
Compressor fittings	x1 Quick release inlet with regulator x2 Quick release outlet
ATEX rated equipment includes	Lighting x2 16A 415V sockets Light switch Centrifugal fan
Internal features	Downdraft bench x2 Ventilation cupboards x4 Filtered air vents
Downdraft bench performance	Average face velocity: 1.34 m/s Face area: 1.723 m^2 Volume flow rate: 2.31 m^3/s Theoretical air change time: 13.5 /s Air changes per hour (ACH): 267
Dimensions	TBC

Key Applications

- On-site spray painting of plant, tools, equipment and fabricated components.
- Temporary compliant spray facility for construction, rail, defence, infrastructure and industrial works.
- Refurbishment and coating work where a fixed spray booth would be impractical.
- Paint, resin, vapour and solvent-related activities requiring source capture and ventilation control.
- Customer trials, controlled demonstrations and future development of containerised controlled-workspace products..

Suitable for:

Construction | Industry | Rail | Manufacturing
Utilities | Infrastructure | Hire and Plant

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