

Индивидуальный вытяжной шкаф с каналом

Технические характеристики

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Fume Cupboards

INDUSTRIAL GRADE DUCTED FUME
CUPBOARDS TO BS EN14175



Clean Air & Containment

Operator protection from harmful fumes

Whatever industry your laboratory is serving, from pharmaceutical to academia, our range of ducted fume cupboards provide first-class protection for scientific professionals.

Fully designed and developed in accordance with BS EN14175, the fume cupboards draw air through the front opening and expel it outside the building via a dedicated vent system to ensure:

- Gases, fumes, aerosols and dust are contained within the inner chamber.
- Users are protected from flying fragments and sprays.
- Laboratory avoids contamination by dangerous concentrations of flammable or other hazardous chemicals.

All models benefit from low energy consumption and are fully configurable to your environment. Inner chamber linings and workbase materials are selected from an approved range with each being suitable for the intended application.

Material options include:

- Trespa® solid grade laminate
- Cast epoxy resin
- Grade 316 stainless steel, satin polished
- Grade 316 stainless steel, epoxy powder coated
- Lead-lined
- Polypropylene
- Ceramic
- Glass



Industrial grade ducted fume cupboards available in 4 standard sizes

Our service levels meet the same high standards, with full functional design specifications and quality statements to all supporting validation documentation including the development, production and execution of approved FAT and SAT protocols. A comprehensive handover documentation package can also be maintained for the equipment supplied ready for issuance during site commissioning and validation.

KEY FEATURES

- Available in bench mounted, walk-in or distillation models, in a range of sizes and with constant or variable air volume (CAV or VAV)
- Double skin, all steel construction, powder coated to offer a durable corrosion-resistant finish
- Hinged high level access panel for easy access when servicing
- Long life LED illumination
- Frameless sash in 6mm thick toughened safety glass
- Easy to operate sash lock with fully automatic reset function
- Radius profiled PVC finger grip to full length of sash
- Grade 316 stainless steel bottom cill, available fixed or hinged
- Inner chamber linings and workbase are designed to be replaceable in event of future damage
- Full range of ventilated and lined underbench storage cabinets

MODEL NUMBER	TYPE	DESIGN	DIMENSIONS	AIR VOLUME
12BM	Bench mounted	CAV or VAV	1200mm	0.250m ³ /s
15BM	Bench mounted	CAV or VAV	1500mm	0.345m ³ /s
18BM	Bench mounted	CAV or VAV	1800mm	0.430m ³ /s
20BM	Bench mounted	CAV or VAV	2000mm	0.495m ³ /s
12WI	Walk-in	CAV or VAV	1200mm	0.293m ³ /s
15WI	Walk-in	CAV or VAV	1500mm	0.404m ³ /s
18WI	Walk-in	CAV or VAV	1800mm	0.503m ³ /s
20WI	Walk-in	CAV or VAV	2000mm	0.580m ³ /s
12D	Distillation	CAV or VAV	1200mm	0.262m ³ /s
15D	Distillation	CAV or VAV	1500mm	0.362m ³ /s
18D	Distillation	CAV or VAV	1800mm	0.451m ³ /s
20D	Distillation	CAV or VAV	2000mm	0.520m ³ /s

OPTIONAL EXTRAS

- Support stand with mobile, suspended or freestanding storage cabinets
- PVC lined or 90 minute fire-rated ventilated storage cabinets
- Integrated compact wet fume scrubber system
- Flexible or rigid copper or stainless steel internal plumbing
- Electrical E-stop facility
- Lead acrylic or polycarbonate sash in lieu of toughened safety glass
- Framed vertical sliding sash with horizontal sliding vision panels
- Anti-shatter film protection to sash glass
- PIR monitored automatic sash closer
- Scaffold boss fixing heads
- Concealed tissue guard
- Waste solvent collection with audible & visual liquid level monitoring
- In-built automatic fire extinguisher
- ATEX rated fume cupboards for operating in a Zone 2 hazardous atmosphere



Epoxy powder coated finished to any RAL colour



Radiused full length PVC finger grip



Localised airflow monitor displays face velocity in m/sec or fpm



Available in bench mounted, walk-in or distillation models

STANDARDS COMPLIANCE

BS EN14175

QUALITY STATEMENT

Envair Technology provides world class design and manufacturing expertise for a full portfolio of clean room and containment solutions. We work with healthcare, pharmaceutical and laboratory facilities around the world, to protect the safety of teams handling hazardous compounds and maintain product integrity. Our engineers and production team are committed to the highest standards of excellence, meeting the requirements of ISO 9001:2015. We provide a comprehensive maintenance, testing and parts service for all our products, to ensure a lifetime of trouble-free use.



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