

Other Fume Cupboards In the Chemflow Range:



INTEGRATED ACID SCRUBBER



WALK IN FUME CUPBOARD



Certification

CSC also supply



Optional Underbench Solvent Storage Cabinet



Microbiological Safety Cabinets

- Laboratory Furniture
- Solvent Storage Cabinets
- Acid Storage Cabinets
- Telstar Laminar Flow Benches
- Telstar Microbiological Safety Cabinets
- Emergency Eyewash & Showers

- Heidolph Homogenisers
- Heidolph Rotary Evaporators
- Kambic Drying Ovens
- Heidolph Peristaltic Pumps
- Heidolph Shakers & Mixers
- BEL Electronic Balances

For more information visit:

www.csc.ie

Overview

For over 20 years, CSC have been manufacturing Ireland's leading PVC Fume Cupboard. CSC's **CHEMFLOW** range provides a safe working environment, ensuring maximum efficiency whilst providing a safe, noise tolerant environment for the operator as they work. The Added benefit of the **CHEMFLOW** range, manufactured from PVC, is its corrosion resistance and long lifespan. The **CHEMFLOW** range of Fume Cupboards, year on year, has been the best performing fume cupboards in independent testing according to BS Standards and the new **EN 14175** standard. And because they are **manufactured from PVC**, they are virtually **corrosion-proof**, ensuring safety for a long lifetime.



Control System

The **CHEMFLOW** control system actively monitors the fume cupboard environment, warning the operator of potentially dangerous changes in the airflow. When coupled with the automatic sash and actuator options, the microprocessor controller can automatically close the sash and manage the air throughput to offer the optimal balance in energy saving and safe operation of the fume cupboard.

Construction

Our Fume cupboards can be manufactured from a range of materials to suit the application. In most cases the external carcass is **manufactured from PVC**, however this can be epoxy coated or stainless steel if required.

Application	Inner Walls	Base
General Purpose	Solid Grade Laminate / Trespa	Epoxy Resin
Radio isotope	One piece stainless steel / poly propylene	
Highly Acidic	Polypropylene	Ceramic

Our double wall construction, high quality materials and **corrosion resistant PVC** outer shell ensures that the **CHEMFLOW** fume cupboard has a lifespan several times longer than its epoxy coated steel counterparts. In harsh environments the **CHEMFLOW** fume cupboard has been known to survive and **operate 4 times longer** than its counterpart, and required less maintenance.



Services

Our **CHEMFLOW** range come as standard with 2 twin sockets, water & gas services. Other services can be added if required.

Performance

The **CHEMFLOW** fume cupboard was the first to achieve the **BS 7258** in 1991 & in 1999 achieved near perfect containment score at 0.5m/s and 0.38 m/s making it the most advanced fume cupboard on the market at that time. Since then we have continued the pursuit of excellence in fume containment with enhancements to our design and to the **CHEMFLOW** control systems. Now with EN 14175 seeking a higher calibre of Fume Cupboard available in the industry, CSC are confident once again that the certified 0.3 performance of our cupboards is without equal.

Standard Configurations

Model	1200	1500	1800	2000	2400
External Dimensions (wxhxd)	1200 x 2375 x 900	1500 x 2375 x 900	1800 x 2375 x 900	2000 x 2375 x 900	2400 x 2375 x 900
Working Dimensions (wxhxd)	880 x 1100 x 630	1180 x 1100 x 630	1480 x 1100 x 630	1680 x 1100 x 630	2080 x 1100 x 630
Lighting	400 / 500 LUX	400 / 500 LUX	400 / 500 LUX	400 / 500 LUX	400 / 500 LUX
Mains Power	220v 50Hz	220v 50Hz	220v 50Hz	220v 50Hz	220v 50Hz
Worktop	Epoxy Resin	Epoxy Resin	Epoxy Resin	Epoxy Resin	Epoxy Resin

Options

Worktops	Epoxy Resin, Ceramic, TopLab Plus, Polypropylene,
Internal Lining	Compact Laminate, Polypropylene, Stainless Steel
Gases	Piped into fume cupboard with external control valve
Water	Piped into fume cupboard with external control valve
Sink	Vulcathene or Ceramic
Drip cup Integrated	Vulcathene or Ceramic
Lighting	Fluorescent tubing providing 50 lux minimum light (Available in EX rating on request)
Electrical Supply	Externally mounted switched sockets(Available in EX rating on request)
Electrical RCCB	On request
Digital Airflow Monitor	Standard air flow monitor with alarm on all models
Multi Function Controller	On request; offering air volume control & energy saving features
Automatic Sash	On Request

Features & Options

- Ergonomic design
- Automatic Sash System
- Bleed Control & Energy Saving Solution
- Corrosion Resistant PVC Outer Shell
- Long Lifespan
- Manufactured in Ireland

