

## SAFETY CABINETS

Compact, high performance, cost effective vertical laminar flow cabinets with class II safety cabinet performance characteristics

## C FLOW RANGE



### APPLICATIONS

Laboratory routines demanding both clean air and safe handling of permissible cell cultures and non pathogenic materials where compliance with the performance requirements of BS EN 12469: 2000 is required for clean air and operator protection. Also processes involving substances subject to COSHH regulations, e.g: high accuracy balance weighing of toxic substances.

### PRINCIPAL FEATURES

- Clean and attractive polyester coated steel construction
- 316L stainless steel work surface, dished for spillage containment
- Very high levels of operator and product protection
- Very high levels of protection against cross-contamination
- Low vibration
- Easy to operate advanced membrane control panel with relayless circuitry
- Indicator gauges for inflow velocity and HEPA filter pressure drop
- Easy maintenance
- Prefilter for extended HEPA filter life

### STANDARDS COMPLIANCE

- Operator Protection, Product Protection and Protection against Cross-Contamination to all the requirements of BS EN 12469: 2000
- Air quality to BS EN ISO 14644: 1999 ISO Class 5
- Electrical wiring designed to IEC 61010 –1

### MODELS

#### C-FLOW 900

885mm interior working width

#### C-FLOW 1800

1800mm interior working width

#### C-FLOW W Range

For high accuracy balance weighing. See Product Sheet number 638

MODEL	A mm	B mm	WEIGHT KG	EXHAUST m³/s
C-Flow 900	965	885	115	0.08
C-Flow 1800	1880	1800	220	0.17

**OPTIONS**

- UV Light
- Ducted exhaust
- Formalin vapouriser
- Outlet adaptor and 3m flexible ducting for use with formalin vapouriser
- Support stand
- Splashproof electrical socket
- Night closure panel
- Carbon filtration to client's specification on request
- Water tap
- Gas tap
- Sink
- Additional height units for microscopes, chromatography towers or other equipment (details on request)
- Additional depth units for high accuracy balance weighing scales or other equipment (details on request)

**CONSTRUCTION**

Body: High quality sheet steel with polyester coating  
 Work Surface: Dished 316L stainless steel

**USABLE WORK SPACE**

C-Flow 900: 840mm wide x 420mm deep x 623 mm high  
 C-Flow 1800: 1750mm wide x 420mm deep x 623mm high

**ELECTRICAL SUPPLY**

220/230V, 50Hz, single phase or any other international requirement

**POWER CONSUMPTION**

C-Flow 900: 600w at current of approx 2.5 amps  
 C-Flow 1800: 1230w at current of approx 5.0 amps

**TEMPERATURE RISE**

Less than 6°C with soiled filters or 4°C with clean filters

**LIGHTING LEVEL**

Min 500 Lux at work surface

**NOISE LEVEL**

Lower than 65 dB(A) as BS EN 12469: 2000

**ALARMS**

Audible and visual low airflow warning

**CONTROLS**

Power on light, fan switch, light switch, fan run, aux switch, main HEPA filter gauge, inflow indicator gauge

- Laminar flow cabinets and enclosures*
- Microbiological safety cabinets*
- Isolators*
- Downflow booths*
- Fume cupboards*
- Bespoke equipment*
- Clean rooms*
- Containment suites*
- Facility design, build and installation*
- Service and testing*
- Spares and consumables*
- Commissioning*
- Validation*
- Training*
- Regulatory Advice*
- Purchase, rent or lease solutions*

