



# BIO range Vertical Laminar Flow Cabinets

The Bio range of Vertical Laminar Flow Cabinets have been designed to comply to BS 5295. These cabinets provide operator and product protection whilst ensuring that the environment is also safe.

Available in 3 standard widths, the carcass and spillage tray can be constructed in either stainless steel or epoxy coated steel. The units can be supplied freestanding or benchtop mounted.

A gas tap and electrical socket are supplied as standard. A variety of standard options are also available.



### Benefits

- Choice of Construction Material
- Integral Lighting
- Constant Airflow Speed
- Gas Tap
- Electrical Socket
- Easy Maintenance
- HEPA Filter Technology

### Options

- |                                           |                                  |
|-------------------------------------------|----------------------------------|
| Additional Electrical Sockets             | Additional Gas/Vacuum Services   |
| UV Light (Built in Timer) with night door | Epoxy Coated Steel Stand/Trolley |
| Exhaust Carbon Filter                     | Exhaust HEPA Filter              |
| Filter Replacement Alarm                  | Low Airflow Alarm                |
| Digital Airflow Display                   |                                  |

# Technical Specification

### Control System

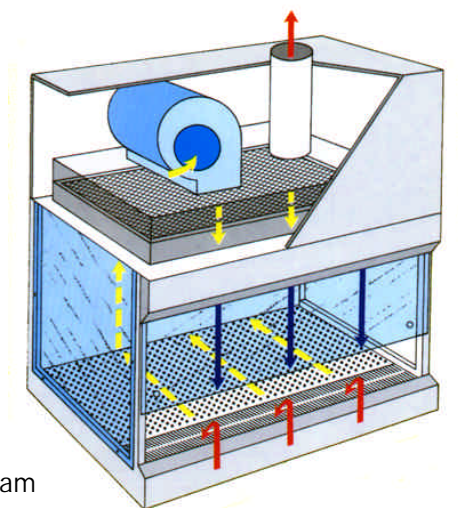
- Constant Airflow Monitoring
- Fan On/Off Switch
- Light On/Off Switch
- Electric Socket Switch
- Alarm Status/Mute (Optional)

### Construction

- Epoxy Coated Mild Steel Carcass
- Perforated or Solid Stainless Steel Worksurface
- Stainless Steel Chamber
- Safety Glass Front Panel Gas Sprung

| MODEL         | BIO48/                              | BIO60/     | BIO72/     |
|---------------|-------------------------------------|------------|------------|
| <b>SPEC</b>   |                                     |            |            |
| <b>SIZES</b>  |                                     |            |            |
| External      | 1312 X 765                          | 1617 X 765 | 1922 X 765 |
| Internal      | 1220 X 580                          | 1525 X 580 | 1830 X 580 |
| <b>WEIGHT</b> |                                     |            |            |
| Unit weight   | 150Kg                               | 180Kg      | 200Kg      |
| <b>SPEC</b>   |                                     |            |            |
| Average       | 0.45m/s                             |            |            |
| Voltage       | 230V 50Hz 1ph                       |            |            |
| HEPA          | Tested with DOP, efficiency 99.999% |            |            |
| Pre-filter    | Yes, protects main filter           |            |            |

- Bio 48/60/72      Manufactured in 304 Stainless Steel
- Bio 48M/60M/72M      Manufactured in Epoxy Powder Painted Steel



Airflow diagram

A one year manufacturer's warranty is supplied with the BIO range of cabinets. British Standards stipulate that this type of equipment should be tested every twelve months.

So that compliance with this mandatory requirement is achieved Safelab can provide full testing and routine servicing of all types of laminar flow cabinets, fume cupboards and safety cabinets. Routine servicing allows peace of mind and is the key to sustained safety, reliability and economy.