

## VERTICAL LAMINAR FLOW CABINETS

High quality coated or stainless steel vertical laminar flow recirculating clean air cabinets with a degree of operator protection.

### VLF R RANGE



Illustrated VLF 5R with optional Magnahelic gauge

#### APPLICATIONS

All bench-top activities where a high grade of laminar flow clean air is required and where a degree of operator protection might be desirable. These activities include aseptic manipulations, TPN dispensing, vial or bottle filling, agar plate pouring, plant propagation, packing and assembly of medical devices, assembly of micro-miniature components and semi-conductor work.

#### FEATURES

- Simplicity of design
- EC GMP Grade A laminar flow workspace
- Easy to clean internally
- Removable worktray
- Well lit work surface
- Large acrylic visor
- HEPA filtered exhaust recycling into laboratory
- Reliable and simple controls and system monitors
- Solid state anti-tamper fan speed controller

- Useful range of standard sizes
- Optional services
- Optional Mobile stand with castors

#### STANDARDS COMPLIANCE

- Air quality to BS EN ISO 14644 Class 5 and EC GMP Grade A
- Electrical wiring designed to IEC 61010: 2001

DESCRIPTION	DIM A mm	WEIGHT kg	MAX POWER CONSUMPTION Kw
VLF3R	990	178	1.44
VLF4R	1295	229	1.44
VLF6R	1905	341	2.88

*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*

**OPTIONS**

- Support stand with feet or castors
- Water tap(s)
- Taps for compressed air, vacuum, nitrogen, etc.
- Internal UV tube (refer to BS EN 12469: 2000 Annex A, A2 Lighting)
- ULPA filters
- Digital flow velocity measurement
- Acrylic night door
- Polypropylene worktray
- Magnehelic gauge indicating pressure drop across filter

**CONSTRUCTION**

- The following options are available:-
- 304 or 316 stainless steel with satin finish
  - 304 stainless steel with white polyester coating
  - Mild steel with white polyester coating

**MAIN CONTROLS**

- Mains power on indicator
- Fan switch/indicator
- Light switch

**LIGHTING LEVEL**

- Minimum of 500 Lux at work surface.

**NOISE LEVEL**

- Less than 65dB(A) at 0.3m from aperture.

**ELECTRICAL SUPPLY**

- 220/240V, 50Hz, single phase or any other international requirement

