

For Operator & Laboratory Protection



The Labcaire Class I cabinet is a heavy-duty bench mounted system available in either a ducted or recirculating version.

The unit is constructed of Zintec mild steel which is epoxy powder coated to prevent corrosion, whilst the worksurface is manufactured from crevice free 316-grade stainless steel with rounded corners for easy cleaning.

The clear glazed front screen is hinged for easy access and cleaning but is locked in place during routine use for security.

All air drawn into the cabinet is initially exhausted through the main HEPA (High Efficiency Particulate Air) filter. The ducted system is then connected to a visible anti-blowback valve (ABV) and suitable ductwork, whilst the recirculating version is installed with a second HEPA filter and a carbon filter before allowing the clean air to be returned to the laboratory.

All HEPA filters are rated to 99.997% efficient at 0.3µm with negative pressure seals. Combining this with audible and visual alarms for both airflow and filter status ensures 100% safe and effective operation at all times.

Microbiological Safety Cabinets

Class 1 Ducted
Class 1 Recirculating

Specifications:

External Dimension (mm): 1220 w x 1200 h (ex. ABV) x 625 d

Internal Dimensions (mm): 995 w x 900 h x 580 d

Airflow/Face Velocity: >0.7 metres per second

Controls: On / Off Switch
Airflow Monitor
Airflow Alarms
Lighting Controls

Options: UV Lighting
Formalin Vaporizer
Base Stand

Electrical Requirements: 240 volts / 50Hz



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