Infinity 1000

Fume Hood Specification

\ Durable Construction

\ Advanced Filtration Options

\ Efficient Airflow

\ Energy-Efficient & Quiet

- Durable 8mm polypropylene(PP) construction
- 8° front window incline
- Bunded High Pressure Laminate Worktop
- Comprehensive range of filters for specific applications
- Face velocity of 0.3-0.6m/s
- Integrated TEL AFA4000 alarm panel
- 150W motor ensures minimal energy consumption
- Operates at ≤55 dB(A)
- LED lighting with 15W power
- 640mm Sash Opening
- 12 Month Warranty
- Designed for chemical handling, research, and educational environments
- Customisable filtration solutions for industrial, healthcare, and nuclear labs

ILS Infinity 1000
– Polypropylene Recirculating Fume Hood

The **ILS Infinity 1000** recirculating fume hood provides you protection and efficiency, designed for a simple and effortless installation. Equipped with on board filtration as well as the industry standard Temperature Electronics (TEL) controller and alarm.

ILS

Integrated
Laboratory Services

Infinity 1000

Durable Construction

- **8mm white polypropylene (PP)**, offering exceptional corrosion resistance and longevity.
- Ergonomic design with an **8° front window incline** for maximum operator comfort.
- Bunded High Pressure Laminate Worktop.

Advanced Filtration Options

- **GP (General Purpose)**: For solvents, odours, and general organic compounds.
- **SUL:** For sulphur-containing compounds.
- **GRD:** CLEAPSS-approved for schools, blending organics, acids, and alkalis.
- **AMM:** For ammonia and amines.
- **FOR:** For formaldehyde.
- **ACI & ACR:** For acidic and alkali compounds, respectively.
- **ETH:** For ether-containing compounds.
- Many more options available.

Efficient Airflow

- Face velocity of **0.3–0.6 m/s**, ensuring safe containment of fumes.
- Integrated **TEL AFA4000 alarm panel** for real-time airflow monitoring and alerts.

Energy-Efficient and Quiet

- **150W** motor ensures minimal energy consumption.
- Operates at **≤55 dB(A)**, maintaining a quiet lab environment.
- LED lighting with **15W** power, providing bright illumination at **2400 lux**.

Technical Specifications

- **External Dimensions:** 1000mm x 700mm x 1100mm.
- **Internal Dimensions:** 980mm x 660mm x 688mm.
- **Maximum Sash Opening:** 640mm.
- **Filter Options:** See range of available inlet/outlet filters.
- **Accessories:** HEPA filters, water taps, gas taps, internal scaffolding, UV lamps (optional), Support frame (mobile or fixed) and storage.
- **Weight:** 85kg (net) | 115kg (gross).
- **12 Month Warranty**.

Applications

- Designed for chemical handling, research, and educational environments.
- Customisable filtration solutions for industrial, healthcare, and nuclear labs.

ILS
Integrated Laboratory Services