CONDITIONAIRE
MANUFACTURING

Your Trusted Leader in Fume Management Technology, Manufacturing and Testing

CHEMTRAP
STAND ALONE FILTRATION SYSTEM

2026

Comprehensive catalogue showcasing the stand alone chemical filtration system for chemical storrage cabinets. An innovative, high-quality product tailored for our diverse customer needs in the Laboratory, School, University and Hospital Sectors.

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Pioneering Air Management & Laboratory Solutions Since 1947
Conditionaire Manufacturing is Australia's premier specialist in the design, engineering, and maintenance of laboratory fume cupboards and high-performance air movement systems. As a 100% family-owned Australian business with over 75 years of heritage, we combine deep industry experience with cutting-edge technology to ensure the safety and efficiency of controlled environments.

THE CONDITIONAIRE DIFFERENCE

Core Competencies

1. Laboratory Fume Cupboards
We are pioneers in fume cupboard technology, providing end-to-end solutions that meet rigorous Australian safety standards.

Custom Design: Bespoke Fume Cupboards tailored for specific chemical and radiological requirements.

Manufacturing: High-quality local production using durable, chemically resistant materials.

Installation: New builds to existing Laboratories, in house installation team of qualified technicians.

2. Air Movement Systems
Our expertise extends beyond the cupboard to the entire airflow ecosystem. Industrial exhaust and ventilation systems. Precision air handling for sensitive environments.
Energy-efficient fan and ducting configurations.

3. Service & Compliance
Ensuring long-term reliability through proactive maintenance and certification. Routine safety testing and NATA-compliant inspections. Comprehensive mechanical servicing and parts replacement. Retrofitting and upgrading legacy systems to modern standards.

Key Differentiators

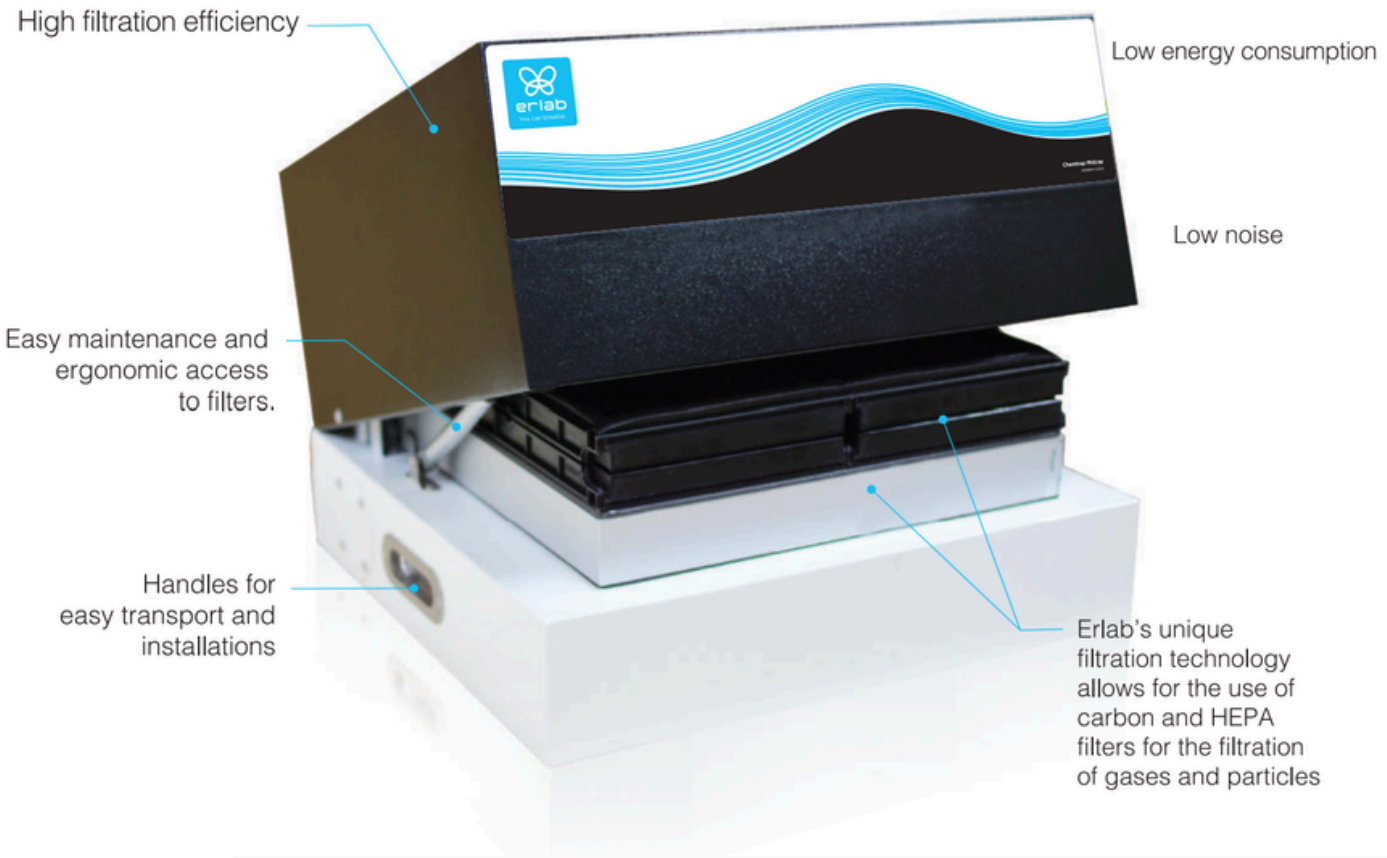
Legacy of Excellence: Over seven decades of specialised experience in the Australian market.

Safety-First Culture: Our products are the frontline of defense for researchers, medical professionals, and students.

End-to-End Delivery: We manage the entire lifecycle—from the first CAD drawing to the final commissioning and annual servicing.

Chemtrap |

Stand Alone Filtration System for Chemical Storage Cabinets

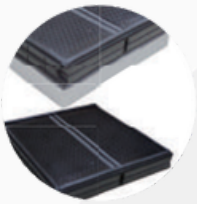




Filtration
As the world leader with 50 years of expertise in the filtration of chemicals, Erlab guarantees 100% filtration efficiency during the lifetime of the filters!



Easy filter change
Opening the filter housing is easy with the help of telescopic arms. Extraction and placement of the filter is simple and accessible from front of the unit.



2 filtration options
Carbon filter only for Chemical vapors, or carbon filter + HEPA for chemical vapors and powders.



Compatibility
Compatible with fireproof and other chemical storage cabinets.



Connection pipe
Adjustable connection pipe Ø 61mm between the Chemtrap Midcap and the storage cabinet.

Chemtrap |

Stand Alone Filtration System for Chemical Storage Cabinets

The Chemtrap

- A Chemtrap filters the air from the internal chamber of a storage cabinet, captures toxic fumes right at the source and returns clean air back into the laboratory while contributing to a better and safer working environment.
- Designed as a standalone system with no need for ducting, it is equipped with an adjustable exhaust duct that allows for easy connection points to the storage cabinet exhaust port of your chemical storage cabinet.

Safer to operate

- Configurable filtration system on the enclosure can effectively be adapted to filter gases, solvent, powders and particulates.
- Releasing purified air back into the room and keeping the user and lab protected by safely and efficiently recirculating air.

Easy and Cost Effective to Install

- A significantly more cost-effective and practical alternative to traditional external ventilation systems.
- Expertly installed, commissioned, and performance-tested by our own specialized in-house staff.

Model description: Chemtrap H402 Midcap

External dimensions:
Width: 482 mm
Depth: 451 mm
Height: 315 mm

Airflow: 45 m^3/h

Voltage / Frequency: 100-240V / 50-60Hz

Power consumption: 19 Watts

Connection pipe: PVC pipe with a diameter of 61mm.

