CONDITIONAIRE
MANUFACTURING

Your Trusted Leader in Fume Management Technology, Manufacturing and Testing

CONDITIONAIRE SERIES 2000
Ducted Fume Cupboard

2026

Comprehensive catalogue showcasing the Conditionaire Series 2000 Ducted Fume Cupboard. An innovative, high-quality product tailored for our diverse customer needs in the Laboratory, School, University and Hospital Sectors.

WWW.CONDITIONAIRE.NET

AUSTRALIAN MADE®

CONDITIONAIRE
MANUFACTURING

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.

Conditionaire Series 2000

Single Sided Ducted Fume Cupboard

The Conditionaire Series 2000 is a high-performance, single-sided fume cupboard engineered for superior chemical resistance and operator safety. Constructed from premium fire-retardant materials, this unit is designed to meet the rigorous demands of modern laboratory environments while ensuring full compliance with AS/NZS 2243.8 standards.



AUSTRALIAN MADE

Core Construction & Design

- Corrosion-Resistant Chamber: Fabricated from high-grade, fire-retardant polypropylene for maximum longevity in corrosive atmospheres.
- Aerodynamic Efficiency: Features a specialised Aerofoil Fibreglass Front Fascia to optimise airflow and minimise turbulence at the work surface.
- Premium Work Surface: Equipped with a Trespa® Base, providing an exceptionally durable, heat-resistant, and chemically inert work area.
- Safety Viewing: A high-visibility, Toughened Glass Sash ensures a clear view of processes while maintaining a robust physical barrier.

Integrated Control System: Ventalert Failsafe

The Series 2000 is managed by the advanced Ventalert Failsafe Controller, providing intelligent automation and safety monitoring:

Pre & Post Purge Cycles: Ensures the chamber is cleared of hazardous vapours before and after operation.
Variable Air Control: Infinite variable system to maintain precise face velocities and energy efficiency.
S**afety Protocols:** Includes low airflow detection, battery backup for continuous monitoring, and a prominent emergency isolator button.

Technical Features & Utilities

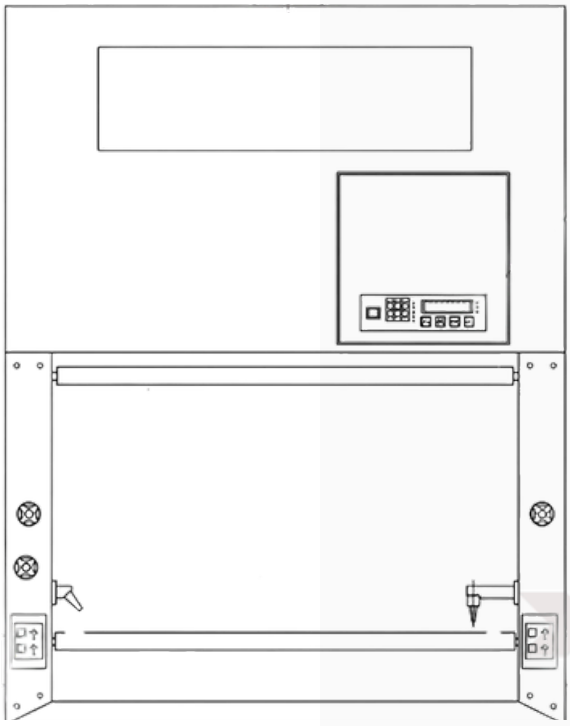
High-Output Lighting: Integrated LED lighting for a bright, energy-efficient workspace with minimal heat gain.

Electrical Safety: GPOs equipped with RCD protection for safe laboratory equipment power access.

Conditionaire Series 2000 |

Single Sided Ducted Fume Cupboard

DIMENSIONS	900	1200	1500	1800	2000	2400
EXTERNAL WIDTH	915mm	1200mm	1500mm	1800mm	2000mm	2400mm
EXTERNAL DEPTH	750mm	750mm	750mm	750mm	750mm	750mm
EXTERNAL HEIGHT	1500mm	1500mm	1500mm	1500mm	1500mm	1500mm
MINIMAL VOLUME AT 0.5M/S (m3/h)	882m3/h	1233m3/h	1603m3/h	1973m3/h	2219m3/h	2713m3/h
MINIMAL VOLUME AT 0.5M/S (l/s)	245l/s	342l/s	445l/s	548l/s	616l/s	754l/s



Optional Features

- Eco Sash® for Automatic Sash closure
- High Level Interface with Touch Screen (HLI)
- Mild Steel or Laminated Timber Underbench
- Chamber Scaffold systems
- Wet Scrubber Systems
- Services Options:- hot and cold water, gas, etc.
    - Internal and External Customisable Construction Material Options:- Stainless Steel, ASAH®, Polypropeylene,
- Customisable Fume Cupboard dimensions

