

INTRODUCTION

Specifically designed to provide a safer working environment the Advanced Air series of Fume Cupboards is the most effective fume management control system available today.

The Advanced Air system incorporates a number of important factors in achieving this high standard of efficiency and safety performance.

- ✚ Constructed using hi-tech durable materials.
- ✚ Highest quality components.
- ✚ A smooth entry of air over the unique aerodynamic basebeam.
- ✚ Effective containment and scavenging of toxic fumes.
- ✚ Provision of a complete fume exhaust system.
- ✚ Quality control in individual system design and commissioning.

STANDARDS

Advanced Air Fume Cupboards conform to:
AS/NZS 2243.8.2001 - Safety in Laboratories Part 8 - Fume Cupboards .

CONSTRUCTION

- ✚ All Advanced Air Fume Cupboards are constructed in high density fire retardant board - epoxy coated or similar or white chemically resistant PVC or polypropylene.
- ✚ The smooth glossy surface enables high light reflectivity without unwanted glare.
- ✚ The unobtrusive design lines allow for easy cleaning of the entire work surface.
- ✚ Materials used are fire resistant and are tested in accordance with AS/NZS 1530.3.
- ✚ All joints are PVC welded.
- ✚ All joints re sealed for increased protection against chemical corrosion and staining.
- ✚ Innovative design that minimises fractures and breakages.

MODELS

Aircare offer a broad range of fume cupboard variants that are all tailored around the four proven Advanced Air structured designs.

These designs are the benchmark for specific market segments and include the cost effective Educare™ model for schools through to the heavy duty commercial Xtracare™ models.

Advanced Air, will gladly discuss and assist you in designing to your exact requirements and price any innovation or addition to suit your individual needs. (*Model selection: see over*).



Above: Chemistry and Physics, Victoria University, Wellington.

FUME EXTRACTION SYSTEM

Efficient and effective exhaust systems are critical to the fume cupboard operation. Therefore, fans, fume scrubbers and duct work must all be carefully specified, fabricated and installed so that your fume cupboard operates at maximum capacity.

Advanced Air manufacture and install Brinkmann™ PVC fans and ducting systems that provide utmost reliability, operational safety, ease of maintenance, resistance to corrosion and low noise levels.

Resistex Chemical fume handling ducting is manufactured specifically for fume extraction.

- ✚ Lightweight.
- ✚ Cost effective.
- ✚ Quick to install.
- ✚ Design for utmost safety.

CUSTOMER BENEFITS

Advanced Air offer a number of customer benefits that include:

- ✚ Over 25 years of experience with a proven record for innovation and excellence in the construction of fume management systems.
- ✚ Total commitment to quality and customer service.
- ✚ Qualified R & D and Engineering staff are available for discussing your exact requirements. That will include the correct system, design and technical back up of your Advanced Air fume cupboard.
- ✚ The Advanced Air range of products are made and assembled by a team of expert fabricators who are committed to quality.
- ✚ Advanced Air support and supervision of site installation, includes testing and full briefing with written instructions on how to operate and maintain your Advanced Air fume cupboard.
- ✚ Nationwide sales and technical support.