

For a fume hood to contain and remove hazardous fumes, vapours, gases, and/or particulates in a laboratory, Aircare's line of ductless fume cabinets may be the perfect choice. Complying fully with AS/NZS 2243.9:2009 standards, these fume cupboards incorporate *Chemcap*[®] expertise in carbon and HEPA-type filtration.

Available in two models and in a variety of sizes and door configurations, all Advanced Air[®] ductless fume cabinet models offer superior protection for the operator and lab environment while providing a full view of the work surface and its contents from all sides of the unit. A Mobile Stand is available for each model.

NOTE: Ductless fume cabinets are only recommended in low-risk, low-volume (<100mL) chemical applications.



Chemcap CLEARVIEW, Model BC1204



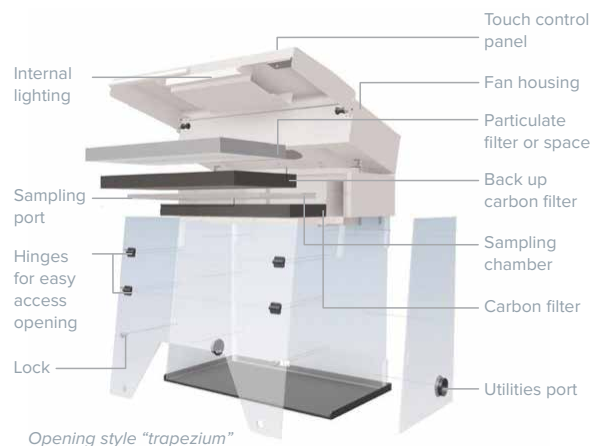
CLEARVIEW Features

- ▶ 6 models available, w/ 3 door styles offered.
- ▶ 400, 600, 800, 1000, 1200, & 1500mm widths.
- ▶ 3 filter capability.
- ▶ Internal lighting optional.

Features for both CLEARVIEW and PRO2

- ▶ Full wrap-around visibility of work surface.
- ▶ Audible *Low Airflow* alarm.
- ▶ Quiet operation, less than 50dBA.

Chemcap Pro2, Model BC1504



PRO2 Features

- ▶ 3 models available, all w/ trapezium door style.
- ▶ 1048, 1548, & 2048mm widths.
- ▶ 4 filter capability.
- ▶ Internal lighting standard.
- ▶ Back-up carbon filter included.

- ▶ Touch- button controls with *Service Due* indicator.
- ▶ Chemically resistant, easy-to-clean surfaces.
- ▶ Lockable doors.

Specifications

Electrical	230V AC single-phase; 2M cord with standard wall plug for bench outlet
Work Surface Material	5mm uPVC
Window surround & door material	6mm clear acrylic
Framework Material	316 stainless steel tube
Lights	2-18Watt fluorescent lamps

Options

- ▶ Mobile Stand to fit fume cupboard base.
- ▶ Optional work surfaces: 6mm polypropylene or 16mm chemical-resistant laminate.
- ▶ Filtering choices are available to suit a wide variety of applications. Aircare offers help in assessing the applicability of a ductless fume cupboard to the customer's application and in selecting the filter complement appropriate chemicals to be expected. Some of the filter options are described in the table below.
- ▶ Water, tundish, and sump are available; access ports can be included on back or sides for customer to feed external gas or electrical services to the cabinet.



Filters OS and H ⁺ are suitable for most organic vapours and acid handlings. However we recommend when:	Composition of Vapours handled		Filter Type 2-stage without particulates	Filter Type 3-stage for chemicals with particulates (HPEA)*
Organic compounds predominate	ORGANIC VAPOURS secondary acids	→	Filter OS	Filter OS HP
Acid compounds predominate	ACID VAPOURS secondary organic vapours	→	Filter H ⁺	Filter H ⁺ HP
Formeldehyde predominates	FORMELDEHYDE	→	Filter F	Filter F HP
Ammonia predominates	AMMONIA	→	Filter AM	Filter AM HP

Mercury is present	MERCURY	→	Filter Hg HP
Uses are varied	MULTIPURPOSE	→	Filter MP HP