

Ductless Fume Cabinets

For a fume hood to contain and remove hazardous fumes, vapours, gases, and/or particulates in a laboratory, TPE'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.

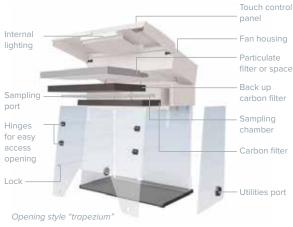


NOTE: Ductless fume cabinets are only recommended in low-risk, low-volume (<100mL) chemical applications.

Chemcap CLEARVIEW, Model BC1204



Chemcap Pro2, Model BC1504



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.

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.



Description and Technical Information

Part No.	Description	Dimensions mm (external wxdxh)	Dimensions mm (internal wxdxh)	Access style	Face velocity	Power consum- ption	Sound level dBA	Boxed weight kg	Boxed dimensions
BC4002	Chemcap Clearview Ductless Fume Cabinet, supplied complete with pre-filter, carbon filter of pre- determined type and HEPA filter on request. (Single filter stack)	410 x 540 x 900	380 x 495 x 580	Flap	0.5 m/s	60W•	<50	71	715 x 660 x 7605
BC6003		600 x 570 x 1145	570 x 520 x 810	Teardrop	0.5 m/s	60W•	<50	91	960 x 710 x 760
BC8004		800 x 570 x 1145	770 x 520 x 810	Teardrop	0.5 m/s	60W•	<50	105	1020 x 930 x 760
BC1004		1000 x 570 x 1145	970 x 520 x 810	Teardrop	0.5 m/s	60W•	<50	127	1140 x 1010 x 735
BC1204		1200 x 570 x 1145	1170 x 520 x 810	Teardrop	0.5 m/s	60W•	<50	151	1350 x 1010 x 790
BC1204	Supplied complete with 2x pre-filters, 2x carbon filters of pre- determined type and 2x HEPA filters on request. (Double filter stack, double fan system)	1200 x 570 x 1145	1170 x 520 x 810	Trape- zium	0.5 m/s	120W•	<55	170	1350 x 1010 x 790
BC1506		1500 x 570 x 1145	1470 x 520 x 810	Trape- zium	0.5 m/s	120W•	<55	192	1640 x 1010 x 790

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 chemicalreistant laminate.
- Filtering choices are available to suit a wide variety of applications. TPE 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 recomment 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	Filter MP HP