

Chemical Dispensing Station

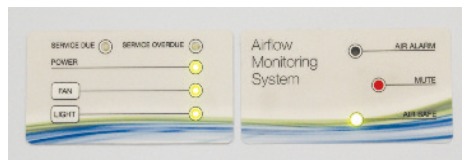


Effective containment of hazards in a ductless system.

This Chemical Dispensing Station is derived from Bigneat's world renowned Chemcap Clearview Ductless Fume Cabinet.

Chemcap ductless fume cabinets operate with finely controlled air flow and are built and operate to recognised worldwide Standards for hazard containment as well as operator safety.

FEATURES



- Keypad control panel with touch button controls and service due indicator
- Audible electronic low airflow alarm
- Clearview all round vision
- Excellent cabinet access via trapezium opening
- Lockable front access windows
- Lighting supplied (18 watt fluorescent tube)
- Energy efficient fan system

Standards for filtration and containment

Chemcap Chemical Dispensing Station meets the requirements of major and recognised Standards worldwide for containment and filtration, for example:

- ANSI/ASHRAE 110: 1995 12-203 (for containment efficiency)



**Energy efficient fan system
incorporating Chemcap carbon filtration**

Chemcap Dispensing Station is ideal for the safety conscious laboratory

Your Safety is Our Priority

Description and Operation

Bigneat's Chemcap Chemical Dispensing Station is manufactured to a very high standard using only the best quality materials, fans and components.

The fan housing is fabricated from mild steel with an epoxy coated, acid resistant white coating. The enclosure is frameless and manufactured from optically clear fire-retardant acrylic which is UV stable, chemically resistant and easy to clean.

The cabinet is mounted on an epoxy coated steel cupboard with cupboard doors (with magnetic catches) and height-adjustable feet.

The enclosure is equipped with a stainless steel base-tray and tap coupled to the pump in the cupboard via tubing. A cup-sink drains down to the aspirator bottle below.

The lower cupboard contains a stainless steel tray to accommodate the 25-litre capacity aspirator bottle and electric pump. A guarded foot switch is provided and pre-wired to the electric pump.

The cabinet operates at a face velocity of 5 m/s which is manually adjustable.

Experience has shown that Bigneat ductless fume cabinets give consistent performance which is only dependent on replacement of the Chemcap filter at recommended intervals or when the filter media becomes saturated.



Filtration used in Chemcap Formalin Dispensing Station

Pre-filtration; eliminates particles at 5.0 microns or larger to an efficiency of 92% as defined in BS EN ISO 779.

Carbon Filtration; filtration efficiency of 99.9%, meets BS 7989:2001 Standard.

Warranty

Bigneat provides 24 months Comprehensive warranty* on its products, extendable to 5 years when combined with Bigneat's Service Contract, or an equivalent from an approved partner.

*T&Cs apply, consumables not included.

Quality Assured

Bigneat is accredited to BS EN ISO 9001



Bigneat systems are CE marked



Technical Information

Model	Description	Dimensions mm WxDxH		Filter type type	Sound level	Air Velocity at Face	Power Consumption*
		External	Internal				
FD 8004	Chemical Dispensing Station supplied complete with pre-filter, carbon filter, aspirator bottle, electric pump, foot switch.	819x560x1985	770x520x810 (enclosure height)	Carbon filter: FB0004/04 Pre-filter: FP0004/01	<50dBA at 1m	≥5 m/s	45watts

Cabinets available for power supply: 230V, AC, 50Hz, 5Amp, 1Ø and 110V, AC, 60Hz, 8Amp, 1Ø.
• Power is shown with fan operating only.



For full specifications about Chemcap Clearview Cabinets, please request a brochure



Scan to watch a 30 second commercial of Bigneat's products

BIGNEAT CONTAINMENT TECHNOLOGY

Value. Service. Experience.

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