

Formalin Dispensing Cabinet



Effective containment of hazards in a ductless system.

Energy efficient fan system incorporating Chemcap carbon filtration



Ideal for the safety conscious laboratory

Formalin dispensing, seamlessly integrated with Caron's safe and easy-use ductless fume technology.

Caron 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.

BENEFITS

- Highly visible touchscreen control panel with filter life and airflow indicators
- Audible electronic low airflow alarm
- Clearview acrylic construction for excellent all round vision
- Excellent cabinet access via trapezium opening
- Security of lockable front access windows
- Improved visibility from standard work area lighting

PERFORMANCE AND STANDARDS

Caron's Formalin Dispensing Cabinet meets the requirements of major and recognised Standards worldwide for containment and filtration, for example:

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

YOUR SAFETY IS OUR PRIORITY

DESCRIPTION AND OPERATION

Caron's Formalin Dispensing Cabinet 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 (6.6 gallon) capacity aspirator bottle and electric pump. A guarded foot switch is provided and pre-wired to the electric pump.

The enclosure operates at a face velocity of .5m/s (98 fpm) which is manually adjustable.

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



FILTRATION USED IN CHEMICAL DISPENSING STATION

Pre-filtration eliminates particles at 5.0µm 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.

TECHNICAL SPECIFICATIONS

Model	Description	External dims mm (WxDxH)	Internal dims mm (WxDxH)	Filter type	Sound level	Air Velocity at Face	Power Consumption*
800mm (32")	Chemical Dispensing Station supplied complete with pre-filter, carbon filter, aspirator bottle, electric pump, foot switch.	819 x 560 x 1985mm (32.3" x 22" x 78.2")	770 x 520 x 810mm (30" x 20.4" x 31.8")	Standard prefilter and Formalin-optimized Carbon filter	<50dBA at 1m	0.5m/s (98fpm)	45watts

Cabinets supplied for power supply: 110V, AC, 60Hz, 8Amp, 1Ø or 230V, 50/60Hz, 4A, 1Ø • Power is shown with fan operating only.

▶ QUALITY ASSURED



Caron 230V systems are CE marked

Caron manufactures from UL listed components

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