

Biosafety Cabinet

Effective & compact product



Caron's unit is a small width Safety Cabinet ideal for use by one operator and for the energy conscious, space limited laboratory.

DESCRIPTION

Unit recirculates chamber air to provide both operator and sample protection, within a compact footprint that fits in spaces most small BSC's cannot.

The user is provided with detailed system status on a touchscreen controller and display.

Caron's Biosafety Cabinet is manufactured to a very high standards using only the best quality materials. The mild steel body is finished in a white epoxy protective coating. The front window and front closure panel (right door) are manufactured from 8mm thick clear cast acrylic and the internal work surface is 316L stainless steel. Double hinges and vise action 'T' latch handles facilitate easy access to cabinet interior for cleaning and loading.

TOUCHSCREEN CONTROLLER

The inflow air is maintained at 0.4m/s (78 fpm) or greater and downflow air between 0.25m/s (49 fpm) and 0.5m/s (98 fpm). The balance is precisely measured and controlled, audible air flow failure alarm.

BENEFITS

- Quiet operation
- Energy efficient fan/low running costs
- Energy saving LED lighting (option)

▶ BIOSAFETY CABINET OPTIONS

Flexible entry access designed to best fit your process:

- Acrylic or glass front window and/or side panels.
- Interlocked side-mounted transfer port.

Internal removable stainless steel worktop, flat full-width, is provided as standard.

Easy cleaning and accidental spill removal options:

- Two section, half width
- Three section, third width
- Profiled for spillage collection

A heated version is available for Tissue Culture applications.



Compare Caron's compact biosafety cabinet running costs with similar width cabinet and consider the annual savings. Power consumption is only 183W including lighting 850mm wide models and 358W 1200mm wide models.

OPTIONS AND EXTRAS

- Formalin vaporiser decontamination unit
- Upgrade of HEPA filtration to ULPA
- Internal free-standing UV decontamination unit
- Splash-proof electrical sockets
- Gas, nitrogen and vacuum services
- Drainage to lower sump for liquids/spillages
- Internal stainless steel corner shelves

▶ SUPPORT BENCH, MOBILE OR STATIC

Mount your cabinet on an existing bench or have a free standing system. Select an open robust epoxy coated bench with castors or one with levelling/adjustable feet. An electrical motorised height adjustable version is available on request.

Height to work surface: 864mm (34")



▶ TECHNICAL INFORMATION

Model	Description	Dimensions (External WxDxH)	Dimensions (Internal WxDxH)
850mm	Recirculatory filtration, supplied complete with lighting, single HEPA filter (H14 grade).	854 x 650 x 1216 mm (33.5" x 25.5" x 48")	814 x 418 x 686mm (32" x 16.5" x 27")
1200mm		1200 x 650 x 1216 mm (47" x 25.5" x 48")	1160 x 418 x 686mm (45" x 16.5" x 27")
850mm	Supplied complete with lighting, single HEPA filter (H14 grade), and exhaust spigot for ducted installation.	854 x 650 x 1216 mm (33.5" x 25.5" x 48")	814 x 418 x 686mm (32" x 16.5" x 27")
1200mm		1200 x 650 x 1216 mm (33.5" x 25.5" x 48")	1160 x 418 x 686mm (32" x 16.5" x 27")
850mm	Recirculatory filtration system supplied complete with lighting, two HEPA filters (H14 grade) with exhaust filter box.	854 x 650 x 1466 mm (33.5" x 25.5" x 58")	814 x 418 x 686mm (32" x 16.5" x 27")
1200mm		1200 x 650 x 1466 mm (33.5" x 25.5" x 58")	1160 x 418 x 686mm (32" x 16.5" x 27")

Biosafety Cabinet is available for power supply: 110V, AC, 60Hz, 8Amp, 1Ø or 230V, AC, 50Hz, 5Amp, 1Ø or 110V, AC, 60Hz, 8Amp, 1Ø.

▶ QUALITY ASSURED



Caron 230V systems are CE marked

Caron manufactures from UL listed components

CARON PRODUCTS & SERVICES, INC.
PO Box 715 / Marietta OH 45750 / PHONE 740 373 6809 / 800 648 3042 / FAX 740 374 3760

United Kingdom Office:
4/5 Piper's Wood Industrial Park • Waterberry Drive • Waterlooville • Hampshire. PO7 7XU. UK.
Phone: +44 (0)23 9226 6400 • Fax: +44 (0)23 9226 3373