

CHROMATOGRAPHY CABINETS

These cabinets provide controlled temperature chambers for Chromatography and a wide range of other purposes. Standard models all feature automatic defrosting and have double glazed doors to allow contents to be viewed without affecting temperature control. Temperature control is electronic with digital setting and temperature display. Operating temperatures can be selected between 2°C and 12°C. Alternative conditions are available through our Special Build Service. The cabinets are constructed from a tough white steel exterior with either a stainless steel or an aluminium interior. They are mounted on lockable castors for ease of movement and have adjustable shelves. Internal illumination is a standard feature.



OPTIONS

The chromatography cabinets can be produced to match your exact requirements. The following are standard options. Alternative facilities are available through our Special Build Service.

Access Ports

These allow the introduction of sample tubes, temperature sensors or power leads into the chamber. They can be located on either side wall and are available in a choice of sizes.

Power Sockets

The provision of power sockets within the chamber allows the operation of a wide range of equipment in the cabinet. Power sockets are damp proof and their supply is protected by a combined circuit breaker and earth leakage trip.

<u>White Enamelled Exterior Code</u>	<u>C720-E</u>	C722-E	<u>C1422-E</u>
<u>Stainless Steel Exterior Code</u>	<u>C720-S</u>	C722-S	<u>C1422-S</u>
<u>CAPACITY (litres)</u>	<u>577</u>	577	<u>1245</u>
<u>(Cubic feet)</u>	<u>20.9</u>	20.9	<u>45.0</u>
<u>EXTERNAL SIZE (mm)</u>			
<u>HIGH</u>	<u>1995</u>	1995	<u>1995</u>
<u>WIDE</u>	<u>850</u>	730	<u>1460</u>
<u>DEEP</u>	<u>700</u>	800	<u>800</u>
<u>SHELVES SUPPLIED</u>	<u>4</u>	4	<u>8</u>
<u>AUTO DEFROST</u>	<u>YES(b)</u>	YES(b)	<u>YES(b)</u>
<u>INTERIOR LIGHT</u>	<u>YES</u>	YES	<u>YES</u>
<u>TEMP RANGE °C (a)</u>	<u>+2/+12</u>	+2/+12	<u>+2/+12</u>
<u>MAX AMBIENT °C</u>	<u>32</u>	32	<u>32</u>
<u>TEMPERATURE DISPLAY</u>	<u>YES</u>	YES	<u>YES</u>

(a) operating temperature set point range

(b) Auto Defrost is electronically controlled. Internal air circulation is stopped while the heater defrosts the cold plate in it's separate plenum. The refrigeration system restarts when ice is melted. Defrosted water is ducted out of chamber to a heated tray and evaporated back nto the laboratory A small air temperature rise near the plenum is usual for a short time during defrost.

OPTIONAL ACCESSORIES

TEMPERATURE DISPLAY AND ALARM

- Surface mounted digital temperature display with a range from -40°C to +50°C
- Features an adjustable audible overtemperature alarm
- Display resolution 0.1°C
- Battery operated.
- Catalogue Number RLAA1088

TEMPERATURE RECORDER

Panel mounted

- 125mm diameter charts.
- Temperature range 10°C to +40°C
- 1 chart records 7 days of operation.
- Battery operated drive mechanism
- Records temperature even during mains Failure.
- Catalogue Number RLCP1040

ACCESS PORT

- Available in two sizes. Position to be specified when ordering.
- 25mm diameter Catalogue Number RLAP0025
- 50mm diameter Catalogue Number RLAP0050

POWER SOCKETS

- Fitting of damp proof power socket in chamber complete with combined circuit breaker and earth leakage trip.
Catalogue Number POR001-01

UNDERTEMPERATURE CONTROLLER

- A safety secondary undertemperature thermostat
- Catalogue Number RLLT0050

SPARE SHELVES

- Plastic coated wire shelves with runners as supplied with RLCA models
Catalogue Number RLSA0580
- Slatted stainless shelves with runners as supplied with RLCS models
Catalogue Number RLSS0580

SPECIAL BUILD SERVICE

- Our designers and engineers produce temperature controlled chambers to suit most purposes. Please ask if the facilities you require are not shown