



**IMPROVE: SAFETY, RELIABILITY & PERFORMANCE,**

**Model RP**

# Laboratory Automation & Robotic System Enclosures

for sample/process protection



## FEATURES

- Excellent all-around visibility of the enclosed system
- State-of-the-art control system with display for enclosure status and airflow control.
- Audible and visual alarm indication of low airflow
- Door open warning alarm
- Display/lighting showing status of enclosed robotic system (with option for status lighting above control display position)



Caron is accredited to  
BS EN ISO 9001: 2008



Caron systems are CE marked

Caron manufactures from UL approved components

**Choose  
Caron's  
Model RP  
for ultimate  
protection in  
any setting.**



## **Stay in Control with Caron's RP Enclosure and Its Advanced Features**

Caron's RP enclosures are the solution for sample and process protection, providing downflow sterile ISO Class 5 Clean air to the work surface.

## **Get Maximum Access with Minimal Risk**

The enclosure interior can be easily accessed through the three lower sliding windows within the lower hinged door, which has a height of 325mm. The full height bi-fold door arrangement can be used for access, maintenance and other out of process needs. The interlocking upper and lower main access doors are locked down with "T" handles during operation to ensure optimal protection of the sample or process. The RP enclosure operates on a 100% pass through system, with air in and air out, providing a clean and safe environment for your samples and processes.

## **Breathe Easy with Model RP's High-Performance Airflow System**

Product protection is a top priority for the RP model, with automatic fan speed control that maintains a minimum face velocity.

**The RP enclosures use pre-filtration to eliminate particles at 5.0  $\mu\text{m}$  or larger with 92% efficiency, as defined in BS EN ISO 779. You can also choose between HEPA filtration (eliminating particles 0.3  $\mu\text{m}$  or larger with 99.995% efficiency) or ULPA filtration.**

**The RP model meets recognized standards worldwide, including ISO 14644 – 1:2000 Class 5 (Fed. Standard 209E:1992 Class 100)**



## Built to Last, Built for Flexibility

Caron offers a range of options and extras for their Model RP enclosures, including UV lighting linked to timed/on off facility in control system, a computer monitor arm, under-bench storage and drawer unit for waste tip and plate chute, a universal control panel, Full height horizontal sliding door option. These options and extras allow customers to customize the Model RP to their specific needs and requirements.

The Model RP enclosures are constructed from high-quality materials and are designed to be self-levelling and mobile, with lockable castors. The largest component of the enclosure can fit through a standard laboratory doorway, making it easy to assemble on site. Caron is committed to providing essential protection solutions for laboratory automation and operator safety. Choose Caron for your protection needs.

## Technical Specifications

Model	External dims mm (WxDxH)	Internal dims mm (WxDxH)	Inflow air velocity min m/s
RP1808	1800 x 1280 x 2463	1720 x 1200 x 1144	>0.4
RP220L	2200 x 1280 x 2463	2120 x 1200 x 1144	>0.4
RP260M	2600 x 1280 x 2463	2520 x 1200 x 1144	>0.4

Cabinet supplied with lighting: 2 x 18W sealed fluorescent  
amps >480lux, electrical sockets: x2. Sound level: <60dBA.

Cabinets available for power supply: 230V, AC, 50Hz,  
13Amp, 1Ø and 110V, AC, 60Hz, 20Amp, 1Ø.

## Options

- computer shelf on flexible arm
- Storage and shelving to suit
- Variety of door options
- Waste tips and plates chute and ventilated container
- Display lighting / show status of the system

**Choose Caron for Unmatched Workplace Sterility.  
Order now and take advantage of our commitment  
to quality and customer satisfaction.**