

A specialised supplier of high-technology safety cabinets, laminar flow cabinets, precision air samplers and cleanroom test equipment

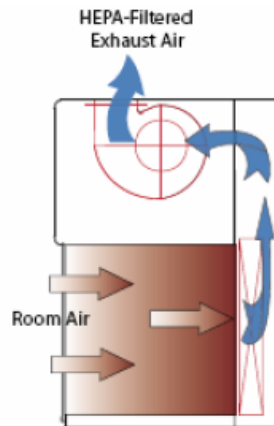
## RHLAF900 powder containment cabinets

Gelaire RHLAF900 powder containment cabinets, designed for small-scale pharmaceutical compounding, provide a degree of protection for the operator and environment from powders generated by processes carried out in the work area.

### Operation

Air is drawn from the room into the work zone at an average velocity of 0.5 – 0.55 m/s. The air travels across the work zone, sweeping airborne powder particles into the 2-stage filtration system located in the rear of the cabinet;

consisting of a 10 µm prefilter and a 99.999% @ ≥ 0.3 µm ULPA filter. The filtered air is returned to the room from the top of the cabinet.



Air velocity is displayed in the control panel LCD. A direct-drive *ebm-pabst* centrifugal blower and advanced fan and mounting design deliver low level noise and vibration levels.

The *Sentinel* control system provides a menu with some user-selectable options. Low-glare, 1000 lux, energy-efficient fluorescent lighting provides illumination of the work zone.



### Construction and fittings

- Exterior of the cabinet is manufactured from electro-galvanised steel with an abrasion and corrosion-resistant powder-coated finish.
- Interior surfaces are manufactured from 304 grade stainless steel.
- Dual work zone power outlets and clear polycarbonate front covers.
- User-serviceable prefilter to protect ULPA filter
- Service taps and floor stand are optional accessories.

### Physical data

Overall dimensions (mm)			Work zone dimensions (mm)			Base	
W	D	H	W	D	H	W	D
1035	755	1125	955	540	575	1035	715
Minimum recommended clearance above for exhaust airflow						250 mm	
Weight						115 kg	

### Gelaire offices and contact details

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