

SHIELDED FUME HOOD – RC PET

The shielded fume hood - RC PET is designed and evaluated according to EN 14175-3 and the ASHRAE 110-1995 standards for safe manipulations in high energy gamma applications.

Model VG-SFH-RC

KEY FEATURES

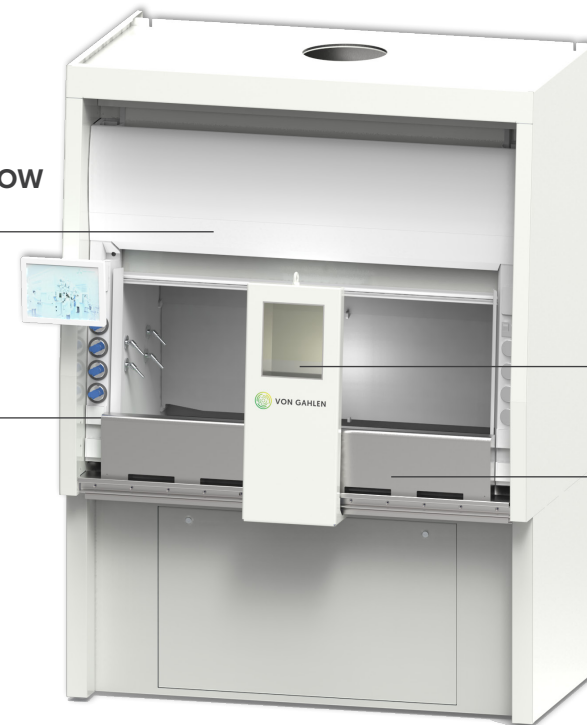
- Additional moveable frontal lead barrier: 250 mm (H)
- Ergonomic design: sloped front
- High performance low flow hood (energy efficiency)
- Available in three sizes : 1000 / 1300 / 1600 mm wide
- Lead shielding: 35 or 50 mm
- Internal liner: special resin (composite material specifically designed for use as internal liner in laboratory fume hoods)
- Manually driven front sash, equipped with counter weight for ease of operating and exact positioning
- When sash is raised above 457 mm (18.0”), it will automatically and gently fall back to the safe level unless held in place

HIGH PERFORMANCE LOW FLOW HOOD (ENERGY EFFICIENCY)

FRONTAL LEAD BARRIER

LARGE LEAD GLASS WINDOW

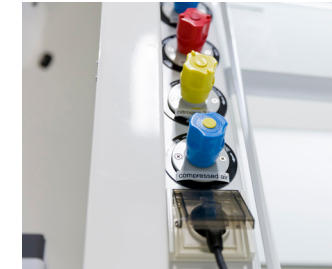
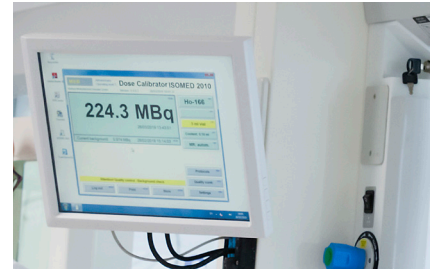
ERGONOMIC DESIGN: SLOPED FRONT



YOUR GUARANTEE FOR QUALITY. FOR SURE.



VON GAHLEN
FOR SURE



TECHNICAL DATA

- Exterior finish traffic white (RAL 9016), easy to decontaminate
- Electrical cabinet is fully serviceable from the front
- Minimal door width for installation of the hood is 940 mm
- Outside dimensions, exhaust flow (face velocity 0,3 m/s-sash 450mm):
SFH1000: 1370*1200*2650 mm (W*D*H), 540 m³/h
SFH1300: 1670*1200*2650 mm (W*D*H), 780 m³/h
SFH1600: 1980*1200*2650 mm (W*D*H), 870 m³/h
- Internal workspace dimensions, weight 35 mm / 50 mm shielding:
SFH1000: 1000*675*1230 mm (W*D*H), 2310 kg/3540
SFH1300: 1300*675*1230 mm (W*D*H), 3250 kg/4600
SFH1600: 1600*675*1230 mm (W*D*H), 2970 kg/5630
- Working height: 838 mm (standing position)
- Power connection: 230 V, 50 Hz, 16 A
- Exhaust outlet diameter: Ø305 mm (Ø12.0")

OPERATOR / PRODUCT SAFETY

- Lead shielding on table, side walls and back wall up to 1000 mm above table level
- Additional frontal lead barrier: 250 mm (H)
- Ergonomic design: sloped front
- Moveable barrier hood: 400 mm (W) including lead glass window 250*300 mm (W*H) (effective) 30 or 50 mm equivalent
- Easy cleaning inside the hood
- Removable front panel facilitates easy access to lighting and other electrical components mounted above the hood work chamber

FUNCTIONS

- Interior and exterior finish complies with pharmaceutical regulations for cleaning and validation
- High load per cover plate: 60 kg
- Four individual single power socket 230V in front of cabinet
- Typical light intensity on work surface is >1076 lux (>100 foot candles)

OPTIONS

- Shielded waste compartment with 35 or 50 mm lead, opening in workbench with shielded lid
- Additional opening in workbench for shielded waste compartment (waste separation)
- Shielded ion chamber with 50 mm lead suitable for ISOMED ion chamber
- Modification of ion chamber shield to house other ion chamber systems (Capintec, Atomlab)
- Electric ionization chamber lift
- Foot pedal control for ionization chamber lift
- Universal support (outlet, cable pass through, arm for laptop or ion chamber control unit)
- Airflow monitoring at sash opening and alarm (Sentinel XL Airflow Monitor)
- Gas connections inside hood, regulating valve in front panel: specify O, N, Ar, compressed air, vacuum
- SS316 worktop
- Automatic sash positioning system
- Extended cover plates to specified height

MORE INFO?
Please contact
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Or visit
www.vongahlen.com

