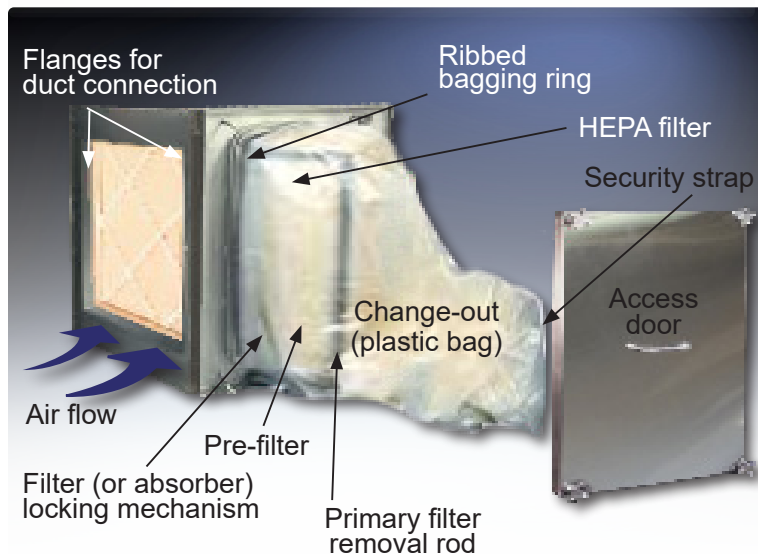


UniFlow® Radioisotope Fume Hoods

UniFlow Radioisotope Fume Hoods are available in 48", 60", & 72" widths. Interior fume chamber is constructed of welded type 304 stainless steel to prevent absorption of radioactive and corrosive materials. Stainless steel baffle is removable for ease of cleaning. Worksurface is welded integral to the fume chamber and reinforced to support heavy isotope shielding materials.



UniFlow Radioisotope Fume Hood Cat. No.14601
shown with optional base cabinet and fixtures.



UniFlow Superstructure to be non-metallic FRP composite construction for total chemical resistance superior durability and long life. Interior fume chamber to be glass-smooth with VaraFlow baffle system & bell shaped exhaust collar. Meets NFPA 45 requirements for flame spread.

Air Foil & Worksurface are constructed of type 304 stainless steel.

Fume Chamber surface is type 304 stainless steel, # 4 satin finish.

VaraFlow Baffle System maintains uniform air flow thru the fume chamber to exhaust collar outlet.

Access Panel removable to access ducting connections and electrical services from a single point electrical box, 115/60Hz AC operation.

Vapor Proof LED light fixture polished stainless steel reflectors, and light switch on left column, all factory installed. Energy efficient 15W, 50/60Hz, 115/230VAC. 5 Year warranty. U.L. Listed

28" Vertical Sash Height provides ease of access for apparatus set-up in fume chamber. 24" interior reach in depth, and 44" interior working height. Sash is perfectly counter balanced, 3/16 tempered safety glass, coated stainless steel cable with stainless steel pulley assembly. Framed in Stainless steel framing, track, and aerodynamic sash lift for ease of movement and air flow efficiency.

Angled Picture Frame Opening the aerodynamic face opening with stainless steel air foil provides uniform air flow into the fume chamber.

Plumbing Services fixtures are color coded to specific service. (Optional equipment)

Optional Accessories

Ducting and Ventilation Systems

Stainless steel ducting is recommended.
(by others)

Radioisotope Exhaust Blowers and Filters

Air Flow Monitor and Sash Stop

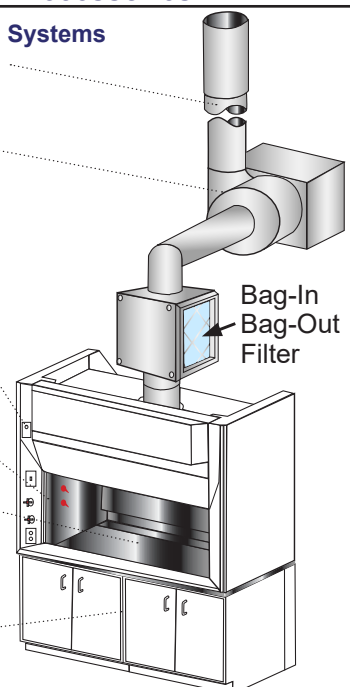
Plumbing and Electrical Services

Factory installed according to your exact specifications

Integral Stainless Steel Dished Worksurface

reinforced to support isotope containers.

Base Cabinets and Worksurfaces



UniFlow® Radioisotope Fume Hoods

UNIFLOW RADIOISOTOPE FUME HOOD DESCRIPTIONS		FUME HOOD WIDTH "A"		
1. Uniflow Radioisotope Fume Hood with Stainless Steel Interior Liner. Seamless type 304 stainless steel fume chamber with integral worksurface all covered corners with baffle and exhaust collar. Picture frame sash opening with counterbalanced clear tempered safety glass sash with chemical resistant stainless steel framing, track, and aerodynamic sash lift. Vapor proof LED light fixture and control switch are wired to a single point junction box, 115/60Hz, 230V 50Hz, VAC All electrical components are U.L. listed. Optional electrical services.	Hood Depth "B"	48" Cat.No.	60" Cat.No.	72" Cat.No.
	30"	14401	14501	14601
RADIOISOTOPE EXHAUST BLOWERS & FILTER SYSTEMS				
2. Radioisotope Exhaust Blowers V-belt drive stainless steel blower with adjustable shelves, thermal overload protection, and weather cover. The specifications at right are based on 100 FPM face velocity.	(For 48"hoods) 1/2 HP Blower - 800 CFM @ 1" SP	51715-1		
	(For 60"hoods) 1/2 HP Blower - 938 CFM @ 1" SP		51721-1	
	(For 72"hoods) 1/2 HP Blower -1175 CFM @ 1" SP			51724-1
3. HEPA Filter Bag-In/Bag-Out Filter is contained within a type 304 stainless steel housing with bag-in/bag-out attachment and prefilter. HEPA is 99.99% efficient and the prefilter is 30% efficient. Filter is rated at 1000 CFM. One filter required for 48" and 60" hoods; 2 filters required for 72" hoods.		51189	51189	51189
4. Carbon Filter Bag-In/Bag-Out Filter is contained within a type 304 stainless steel housing with bag in, bag out attachment and prefilter. Advise factory of specific contaminant and volume so proper carbon can be supplied. Filter rated at 1000 CFM. One filter required for 48"and 60"hoods; 2 filters required for 72" hoods.		51198	51198	51198

Questions / Ready to order
Call 1-816-796-2900

UniFlow Radioisotope Hood Dimensions				
Width "A"	48"	60"	72"	
Width "C"	38"	50"	61"	
Diameter "D"	10"	10"	12"	

Fume Hood Face Velocity

The recommended face velocity for efficiency & safety is 80-100 FPM. Lower face velocity may compromise user safety.

Sash in full open position should be for setup of apparatus & maintenance service only. Design opening is at 1/2 open at 100 FPM (feet per minute), face velocity at full open would be approximately 50 FPM.

Radioisotope Fume Hood Sash Management & Design

Size hood	48"	60"	72"
1/2 open CFM	385	474	592
Full open CFM	773	938	1162

Air Flow Monitor

(Optional equipment) continuously monitors face velocity air flow, meets ANSI and OSHA requirements.

Cat. No. 51403



Sash Stop located at 1/2 open position to reduce air flow volume 50%, provides best possible user protection and safety.

Cat. No. 51651

