

We've continued our tradition of fume hood safety, energy conservation and quality by creating the next generation Observation2 hood. With plenty of safety glass, the natural light and room views are nearly uninterrupted throughout the laboratory providing a greater sense of openness. Safety is also enhanced because instructors or supervisors can readily observe any hazardous situations that may occur inside the hood chamber.

# OBSERVATION2

## FUME HOOD

**Exhaust System** - Suitable for use in either Constant Air Volume (CAV) or Variable Air Volume (VAV) applications. Restricted upper by-pass is standard for VAV applications.

**Configurations** - Available in single and double-faced configurations with either vertical rising sash or combination vertical rising and horizontal sliding sashes.

**Face Velocities** - Provides containment at face velocities as low as 60 fpm.

**Additional Plumbing** - Need more plumbing fixtures? If more than four plumbing fixtures per post are required, deck-mounted fixtures are an available option. Service controls can be base cabinet mounted.

**Optimized Viewing Area** - Full view sash for unobstructed sightlines with 36" high viewing area and narrow post design allows for more usable interior width and provides enhanced visibility.

**Fume Hood Liner** - Powder coated galvanized steel interior liner.

**Safety Glass** - 1/4" laminated safety glass is supplied on back, side and sash panels.

**Removable Panels** - Snap-off front access panel with no exposed fasteners allows quick and easy access to light fixtures for re-lamping.

**Stainless Steel Exhaust Collar** - Wide rectangular exhaust duct connection improves airflow distribution across the width of the hood. Transition connection to round duct available.

**Approvals & ASHRAE** - The hood is UL 1805 listed, tested to ASHRAE 110 standards. To be used in single or multiple configurations.



**Plumbing** - Plumbing fixtures are mounted to the front corner posts for better visibility and improved ergonomics and can be factory pre-plumbed which lowers installation cost.



**Electrical** - Electrical outlets are located in the front posts. Decorator style devices have combination USB charger/duplex receptacles and combination light switch/duplex receptacles. UL/CSA approved fluorescent light fixture provided.



**Self-Lowering Sash System** - Sash latch is available to temporarily secure the sash in the full open position for setup and tear down operations. When the latch is released, the sash automatically returns to the operational position for energy conservation and safety.



**Chain Drive Sash** - Chain and sprocket sash suspension delivers the easiest and most reliable sash operation available providing a longer life span and less maintenance.



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# OBSERVATION2

## FUME HOOD



**Exhaust Slots** - Exhaust slots on bottom of back panel improves airflow through the fume hood.



**Flush Sill Airfoil** - Low profile powder-coated type 316 stainless steel airfoil is flush with the work surface to provide easy access to the hood interior.

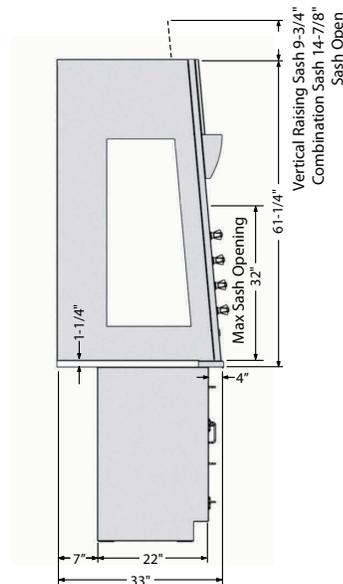


**Spill Trough** - Designed to provide secondary containment in the event a spill escapes the primary containment work-top. Air foil is hinged for easy cleaning and electrical cord passthrough.

### Single-Faced Bench



### End View



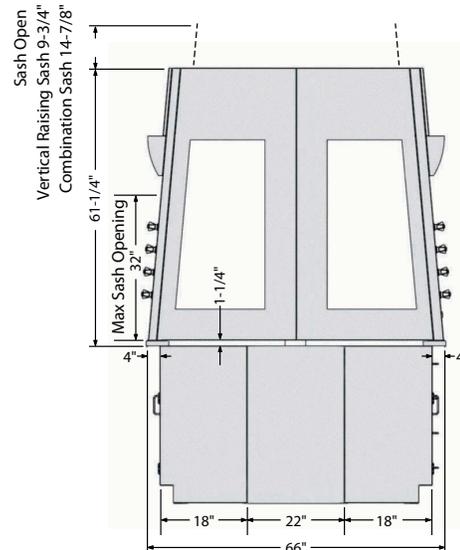
### Features

- Suitable for use in either Constant Air Volume (CAV) or Variable Air Volume (VAV) applications
- Available with vertical rising sash or combination vertical rising and horizontal sliding sash
- Optional glass rear viewing panel available for Single-Faced units
- Solid end panel is an available option for wall locations

### Double-Faced Bench



### End View



- Optional accessories: motorized Automatic Sash Operator2, distillation racks, digital airflow alarms for CAV units, work surfaces, cupsinks and more...