

POTENT COMPOUND SAMPLING & WEIGH HIGH CONTAINMENT & EXTRACTION BOOTHS



SYSTEMS SHOWN WITH ENHANCED PROTECTIVE OPERATOR SHIELDING

STANDARD FEATURES

- 304 stainless steel construction with #4 finish.
- All corner transitions are covered 1" radius. Ceiling to wall corner and floor to wall. Cove is formed into wall panels. No seams.
- 2" sq. 14 ga 304 stainless steel structural frame with #4 finish
- Room side replaceable supply down-flow HEPA filtration 99.99% efficient @ .3 microns . With gel seal to plenum.
- Room side replaceable high volume HEPA intakes for total exhaust or re-circulating configurations. Gel seal to plenum.
- High and Low wall extraction intake grilles
- Pre-filtration Merv-8 eff ashrae pleated disposable
- Perforated 304 stainless steel removable protective diffuser screens for even air distribution over operator.
- 304 stainless steel side walls with flush mount service access panels and penetrations.
- Flush mounted fluorescent lighting
- Magnehelic gages to monitor system and filter pressure differential as required.
- Filter challenge introduction and sample ports.
- Wet Location rated power and lighting on/off switches.
- Variable solid state blower speed control.
- Electrical: 120V / 230V 60HZ / 1ph.
- Single pass or Recirculating configured

OPTIONAL FEATURES

- 316L stainless steel construction.
- ULPA filtration 99.9995% efficient @ .12 microns.
- Optional voltages in 208/230v-60hz-1ph, and 460v-60hz-3ph. (50 hz motor rating also available).
- VFD blower speed control
- Custom sizes and configurations.
- Variable frequency drive motor speed controls.
- AC/DC ionization.
- View panels in walls
- Audible visual low flow alarm.
- Class 1 Div 1 explosion proof.
- Electrical outlets.
- Remote located control panels.
- Custom ducting for total or mixed exhaust applications.
- Top-side mounted blower housing.
- Ducted non-powered modules.
- Air flow monitors
- Integral perforated work bench.
- Anti static 60 mil clear vinyl strip curtain with alternating clear to frosted strips to prevent section sticking.
- Swing door access
- Auto roll up doors
- Secondary Articulating sliding barrier

NOTE:

- All filters are PSL challenged at factory. Unit performance meets Fed. Std. 209E and IES-RP-CC-002
- Meets all applicable OEL band exposure levels
- Sample OEL test reports available upon request
- USP 797, COMPLIANT
- All electrical wiring is in conformance with NEMA and NEC standards.
- **Isolation Systems, Inc.** inspection reports available upon request.

MODEL	WORK AREA	OA DIMENSIONS
HCB-416-OS	4' x 4'	78"d x 50"w x 120"h
HCB-424-OS	4' x 6'	106"d x 50"w x 120"h
HCB-432-OS	4' x 8'	134"d x 50"w x 120"h
HCB-636-OS	6' x 6'	106"d x 78"w x 120"h
HCB-648-OS	6' x 8'	134"d x 78"w x 120"h
HCB-864-OS	8' x 8'	134"d x 102"w x 120"h
HCB-880-OS	8' x 10'	162"d x 102"w x 120"h
HCB-100-OS	10' x 10'	162"d x 126"w x 120"h



Isolation Systems Inc.

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