

RE-CIRCULATING CLOSED LOOP DOWN FLOW POWDER DISPENSING ROOM



STANDARD FEATURES:

- ISO-7 / Class 10,000
- 304 stainless steel construction with #4 finish.
- 4" 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 MERV-8 pleated disposable Prefilter intakes for re-circulating configuration. Gel seal to plenum.
- Low wall extraction intake grilles.
- Woven polyethylene 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 LED lighting.
- Magnehelic Differential Pressure Gauges 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.

NOTE:

- All filters are PSL challenged at factory. Unit performance meets Fed. Std. 209E and IES-RP-CC-002.4
- 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.

*All information herein is subject to change without notice.

*All catalog dimensions are nominal.

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.
- View panel walls.
- Audible visual low flow alarm.
- Electrical outlets.
- Remote located control panels.
- Top-side mounted blower housing.
- Ducted non-powered modules.
- Integral perforated work bench.
- Anti static 60 mil clear vinyl strip curtain.
- Swing door access.
- Auto roll up doors.
- Secondary Articulating barrier.

MODEL	WORK AREA	OA DIMENSIONS
HCB-416	4' x 4'	78"d x 50"w x 120"h
HCB-424	4' x 6'	106"d x 50"w x 120"h
HCB-432	4' x 8'	134"d x 50"w x 120"h
HCB-636	6' x 6'	106"d x 78"w x 120"h
HCB-648	6' x 8'	134"d x 78"w x 120"h
HCB-864	8' x 8'	134"d x 102"w x 120"h
HCB-880	8' x 10'	162"d x 102"w x 120"h
PDB-220	22' x 15' x 12'	272"w x 184"d x 168"h



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