

CLASS 100/ ISO-5 END INTAKE DOWN FLOW PORTABLE CLEAN ENCLOSURE

STANDARD FEATURES:

- 304 stainless steel construction with #4 finish.
- 3" sq. 11 ga 304 stainless steel structural frame with #4 finish with 6" sq. foot plates.
- Class 100 Laminar Flow HEPA filtration 99.99% efficient @ .3 microns with gel seal to plenum.
- Pre-filtration Merv-8 eff ashrae pleated disposable.
- Perforated 304 stainless steel removable protective screen down stream.
- 60 mil clear vinyl strip curtain with alternating clear to frosted strips to prevent section sticking.
- Flush mounted LED lighting.
- Magnehelic Differential Pressure Gauge to monitor system pressure differential.
- Filter challenge introduction and sample ports.
- Wet location power and lighting on/off switches.
- Variable solid state blower speed control.
- 12' power cord with hospital rated plug.
- Electrical: 120V / 60HZ / 1ph.

OPTIONAL FEATURES:

- 316L stainless steel construction.
- Hydrophobic HEPA filtration.
- ULPA filtration 99.9995% efficient @ .12 microns.
- Polyethylene removable protective diffuser screens for even air distribution over operator.
- Optional voltages in 208/230v-60hz-1ph and 460v-60hz-3ph. (50 hz motor rating also available).
- Custom sizes and configurations.
- 6" locking polyurethane casters.
- AC/DC ionization.
- Clear acrylic enclosure panels. (Anti-static available).
- Clear PVC anti-static curtain enclosure.
- Audible visual low pressure alarm.
- Cl-1 Div-1, Cl-1 Div-2, Cl-2 Div 1.
- Electrical outlets.
- Remote located control panels.
- Return plenum for re-circulating or exhaust applications.
- Custom sizes and configurations.



MODIFIED EMCR-880 SHOWN

NOTE:

- All filters are PSL challenged at factory. Unit performance meets Fed. Std. 209E and ISO-5 IES-RP-CC-002 Standard practices.
- All electrical wiring is in conformance with NEMA and NEC standards.
- **Isolation Systems, Inc.** inspection reports available upon request.

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

**All information herein is subject to change without notice.*

**All catalog dimensions are nominal.*



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