

**CAPABILITY:**

Pressurization of enclosures up to 3000 ft<sup>3</sup> (85 m<sup>3</sup>).  
Calculations based on 10% of room volume leakage per minute.  
Pressurization level of 0.05 inches W.C. (12.5 Pa).  
For additional pressurization level contact factory.

**CABINET:**

Constructed of heavy gauge steel. Epoxy painted cabinet provides superior resistance to inorganic acids, water, and corrosive solutions.

**MOUNTING:**

Standard Vertical Mount.

**BLOWER:**

Motorized backward curve blower with VFD controls.

**HEAT:**

Optional 4kW electric duct heater. (Not available for DC power).

**FILTER TRAIN:**

Combination of 4 filters:

No. 1 Filter: Electrostatic Pre-filter, washable

No. 2 Filter: Disposable 4" (102mm) Pleated filter.

No. 3 Filter: Two (2) Cells (60 lbs. each) with disposable media of Zeolite impregnated with potassium permanganate.

No. 4 Filter: Absolute HEPA filter using a disposable glass medium. 99.97% efficient on particulate 0.3 microns or larger.

**SLIDE PLATE:**

For return air adjustment. Different level of pressurization requests different initial settings.

**VOLTAGES:**

All Industrial Voltages, AC and DC.

**VFD:**

Variable Frequency Drive package with pressure transducer to automatically maintain internal room pressure.

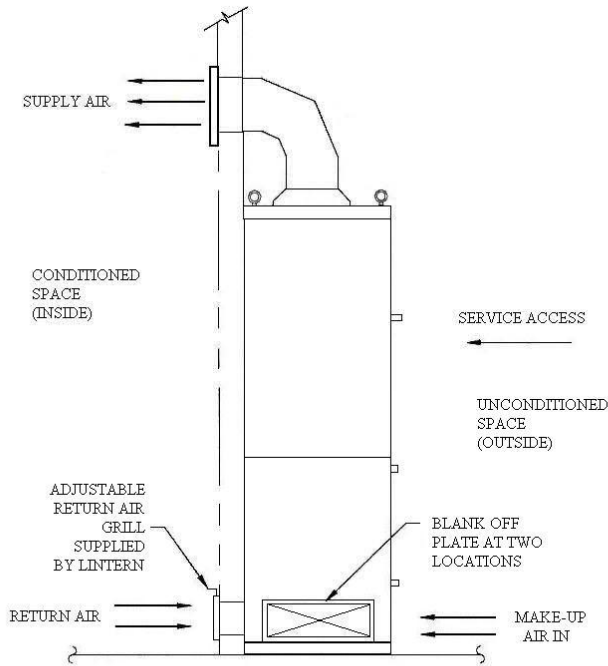
**OPTIONS:**

316 Stainless Steel Cabinet and Service Panels.

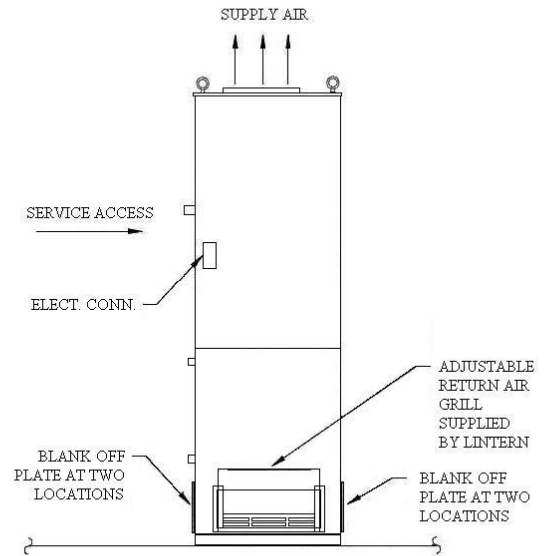
Caustic impregnated charcoal filter media for chlorine contaminated areas.

Insulation package to cut off cooling/heating capacity lost through the walls of the cabinet.





APPLICATION OF ADJUSTABLE RETURN AIR GRILL WHEN FILTER UNIT IS MOUNTED OUTSIDE CONDITIONED SPACE



APPLICATION OF ADJUSTABLE RETURN AIR GRILL WHEN FILTER UNIT IS MOUNTED INSIDE CONDITIONED SPACE

