

# F91

## INDUSTRIAL AIR CLEANER

**Airflow**  
SYSTEMS INC.



### SPECIFICATIONS

**Construction:** 16 ga. steel cabinet, powder coated  
**Blower Pkgs (HP):** 3.0  
**Noise Level (dBA):** 79  
**Electrical:** 3.0 HP - 208/230/460/3/60, 8.0/4.0 amps

**Dimensions:** W- 20.75" H- 26.25" D- 86"  
**Air Flow Max (CFM):** 1300  
**Weight (lbs.):** 280

## Precision Air Cleaning with the F91 and E-Z Arm Technology

The F91 high-efficiency air cleaner with the single self-supported 10ft. long E-Z Arm® is capable of collecting dust, smoke, coolant mist, oil smoke, and other atmospheric pollutants at the source in industrial plants, shops, schools, and factories with high efficiency, 2, 3, or 4 stage filtration proven on years of applications. Optional gas adsorption is available to remove gases as well as particulate matter. Washable pre-filters, a primary bag filter, and optional HEPA after-filters combine to provide 99.97% filtration efficiency at noise levels as low as 79 dBA.

### Options

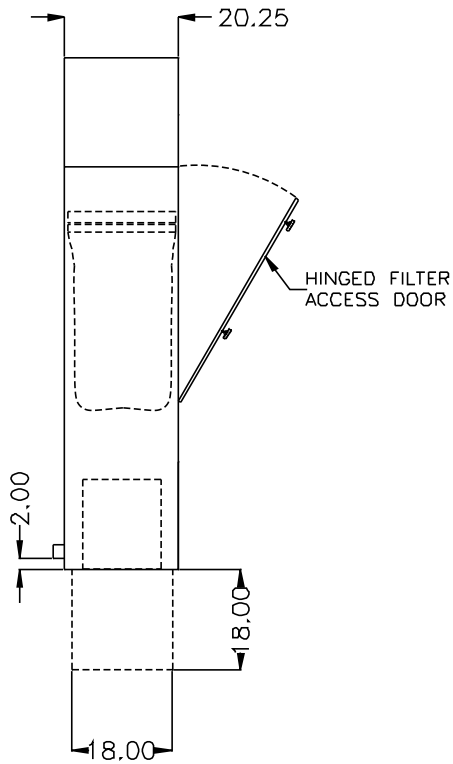
- **Pressure Gauge Kit:** Indicates when filters require cleaning.
- **Silencer:** Reduces noise by 3 dBA.
- **14-ft. E-Z Arm® High Flow Extractor:** Replaces standard 10-ft. E-Z Arm® Extractor for peak system performance.
- **Available Filter Modules:** Chevron® mist collector, disposable 4 prefilter, 99.97% efficiency HEPA after-filter, multi-filter gas adsorption module.
- **Intelligent Controls for "intelligent efficiency":**  
Provides significant savings on your energy bill while reducing facility noise levels.

### Features & Benefits

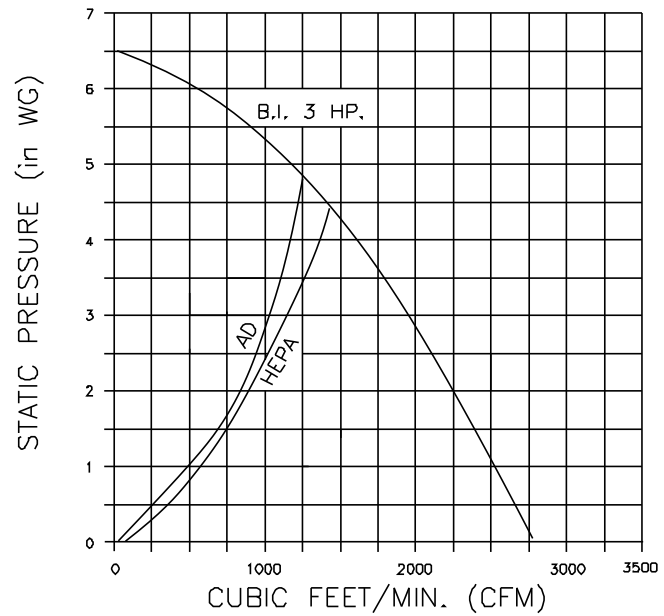
- **10-ft. E-Z Arm® High Flow Extractor:**  
Increases collection efficiency over ambient systems.
- **Class II Direct-Drive Blower:**  
Higher static pressure, longer filter life and greater reliability; spark resistant; no belts or pulleys to replace.
- **Non-Electrostatic Operation:**  
High reliability, low maintenance.
- **Ultra-Seal® Filter Mounting:**  
Eliminates contaminant bypass of filters.

### Industrial Applications

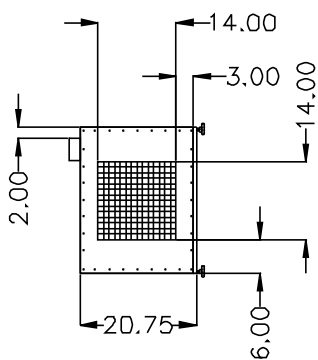
Welding smoke, coolant mist, grinding dust (wet or dry), soldering dust, cutting smoke, sanding dust, fumes, solvents, and fibers.



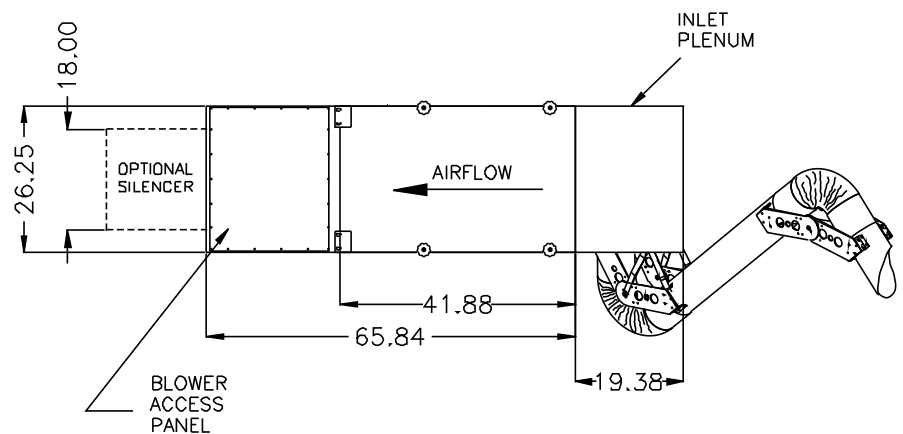
TOP VIEW



PERFORMANCE CURVES



FRONT VIEW



SIDE VIEW