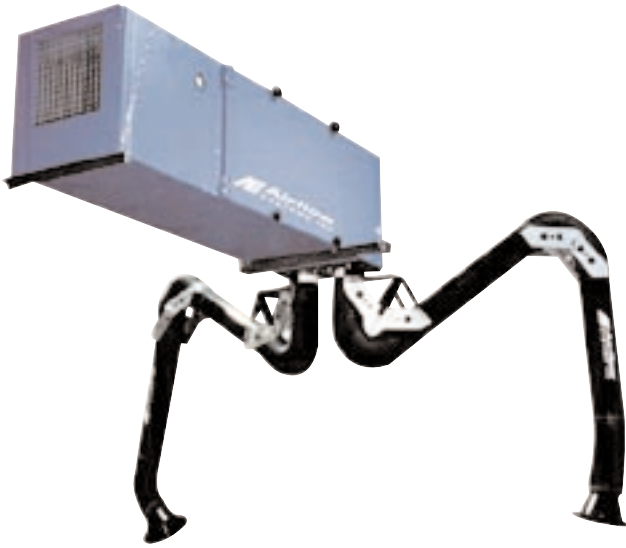


# F-122 Dust Collector

## Features & Benefits

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- **Dual 10-ft. E-Z Arm® High Flow Extractors:**  
Increases collection efficiency over ambient systems.
- **Class II Direct-Drive BI Blower:**  
Improves collection efficiency, increases reliability.
- **Non-electrostatic operation:**  
High reliability, low maintenance.
- **Ultra-Seal® filter mounting:**  
Eliminates contaminant bypass of filters.



## Dimensions

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<b>Width:</b>	25.00"
<b>Height:</b>	26.00"
<b>Depth:</b>	92.00"

## Options

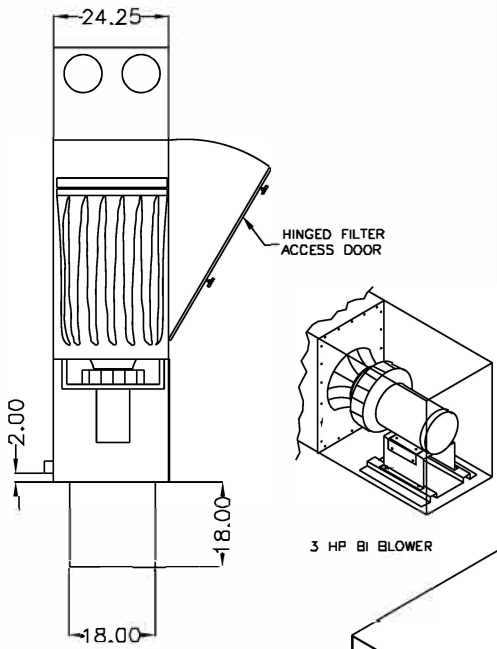
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- **Pressure Gauge Kit:**  
Indicates when filters require cleaning.
- **Silencer:**  
Reduces noise by 3 dBA.
- **14-ft. E-Z Arm® High Flow Extractors:**  
Replaces standard 10-ft. E-Z Arm® Extractors for peak system performance.
- **Available Filter Modules**  
Chevron® mist collector, Disposable 4 prefilter, 99.97% efficiency HEPA safety filter, multi-filter gas adsorption module.

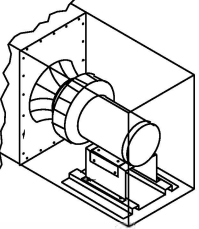
## Specifications

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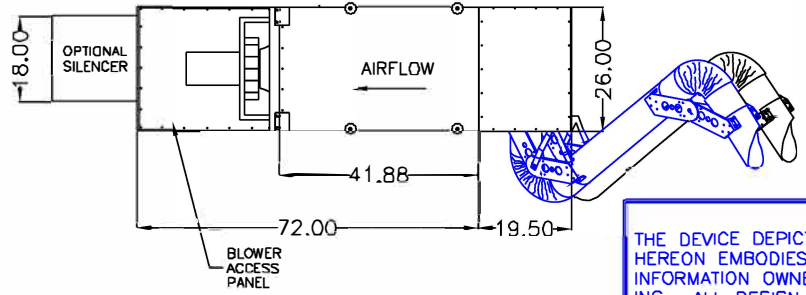
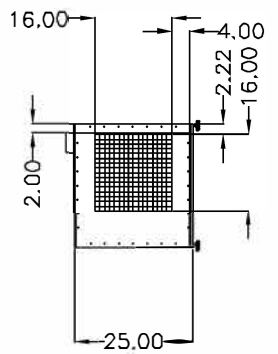
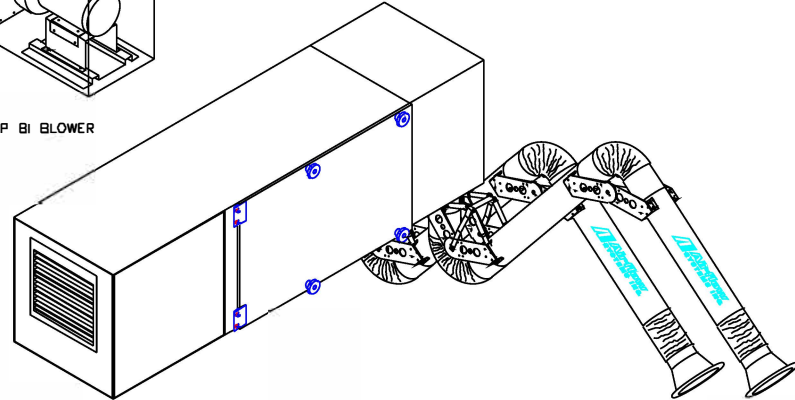
- Construction:**  
16 ga. steel cabinet, powder coated
- Blower Pkg (HP):**  
3.0
- Noise Level (dBA):**  
78
- Electrical:**  
3.0 HP - 208/230/460/3/60  
3.0 HP - 190/380/3/50, 11.3/5.65 amps.
- Nominal CFM (in.):**  
2200 with dual extractors
- Weight (lbs.):**  
450



HINGED FILTER ACCESS DOOR



3 HP BI BLOWER



BLOWER ACCESS PANEL

**SPECIFICATIONS:**

**CONSTRUCTION:** 16 Ga. welded zinc coated steel cabinet, finished with a two part chemical and oil resistant paint. Includes side access door to filters and motor, direct drive Class II BI blower, 4-way adjustable airfoil blade exhaust grille, and (2) 10' long self-supporting E-Z ARM™ High Flow Extractor arms. Motor wired to junction box outside unit. Motor starters/disconnects NOT included.

**WEIGHT:** 450lbs.

**AIRFLOW:** 2200 CFM  
1700 CFM W/HEPA or V-Bank

**ELECTRICAL:**  HP-3 HP 208-230/460/3/60, 8.0/4.0 amps, std.  
 3 HP 115/230/1/60, 14.5 amps, opt.

**FILTER SEAL:** Ultra-Seal™ welded picture frame with positive sealing filter locking mechanism for all main filters, HEPA filter and adsorber modules (when used). Slide in tracks shall be used for prefilters only

**PREFILTERS:**  (1) 2" metal mesh, 68% arrestance, std.  
 (1) Chevron® Filter, opt.

**MAIN FILTERS:**  (1) 120 ft² multi-pocket 95%, std.  
 (1) 65%, opt.

**AFTER FILTERS:**  (1) 4" pleat, followed by a 95%, 66 ft², multi-pocket filter, followed by a 99.97% HEPA filter, opt.

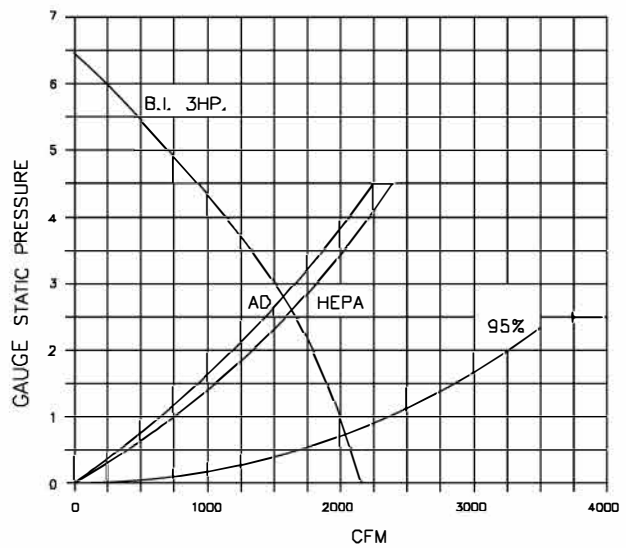
**AD OPTION:**  Std. prefilter followed by a 95%, 66 ft² short bag filter, followed by (2) refillable, 25 lb. adsorber modules, followed by a 2" pleat final filter, opt.

**ARMS:**  (2) E-Z ARM™ High Flow Extractor, 10 ft., std.  
 (2) E-Z ARM™ High Flow Extractor, 14 ft., opt.

**OTHER OPTIONS:**  Pressure gauge kit indicates filter changes

\* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

**PERFORMANCE CURVES**



**NOTES:**

ITEMS DESIGNATED AS  ARE INCLUDED IN THIS PROPOSAL.

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Diversified Air Systems, Inc  
Phone: 800-264-8958

DRAWN BY CB		TITLE MODEL F122	
DATE 11-25-97		DRAWING NO.: F122SPEC (00-1470/E)	
SCALE			