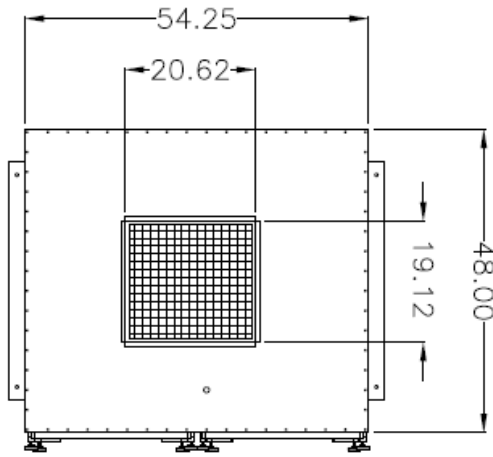
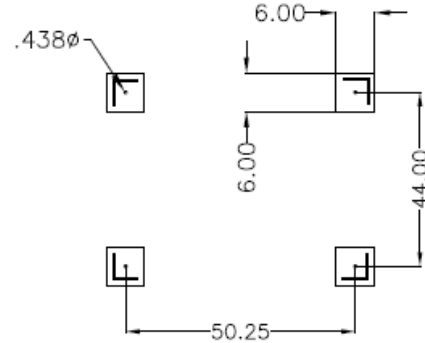


**SPECIFICATIONS:**



TOP VIEW



FOOT PRINT

**CONSTRUCTION:**

16 Gauge painted steel cabinet with Ultra-Seal filter sealing system. Includes quick release hinged filter and motor access door, seam welded plenum, and a 1620 rpm belt driven, ball bearing, Class II blower w/4-way adjustable airfoil blade exhaust grille. Motor wired to junction box outside unit. Motor starters/disconnects not included.

**WEIGHT:**

1158 lbs.

**AIRFLOW:**

12000 CFM  
8000 CFM w/HEPA

**ELECTRICAL:**

15 HP 230/460/3/60, 38.0/19.0 amps, std.  
15 HP 200/3/60, 42.0 amps, 208V, opt.

**FILTER SEAL:**

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

**FIRE SUPPRESSION:** Equipment provided by others.

**PREFILTERS:**

- (4) 4" Pleat, 30%, std.
- (4) Aluminum Mesh, opt.
- (4) Chevron filter, opt.
- (1) Auto Roll, opt.

**MAIN FILTERS:**

- (4) 120 ft<sup>2</sup> multi-pocket 65%, std.
- (4) 95% - opt.
- (4) Easy clean, opt.

**AFTER FILTERS:**

- (4) 4" pleated prefilters followed by (4) 66 ft<sup>2</sup>, 95% bag filters and (4) 99.97% HEPA filters.
- (4) 95% D.O.P. HEPA, opt.

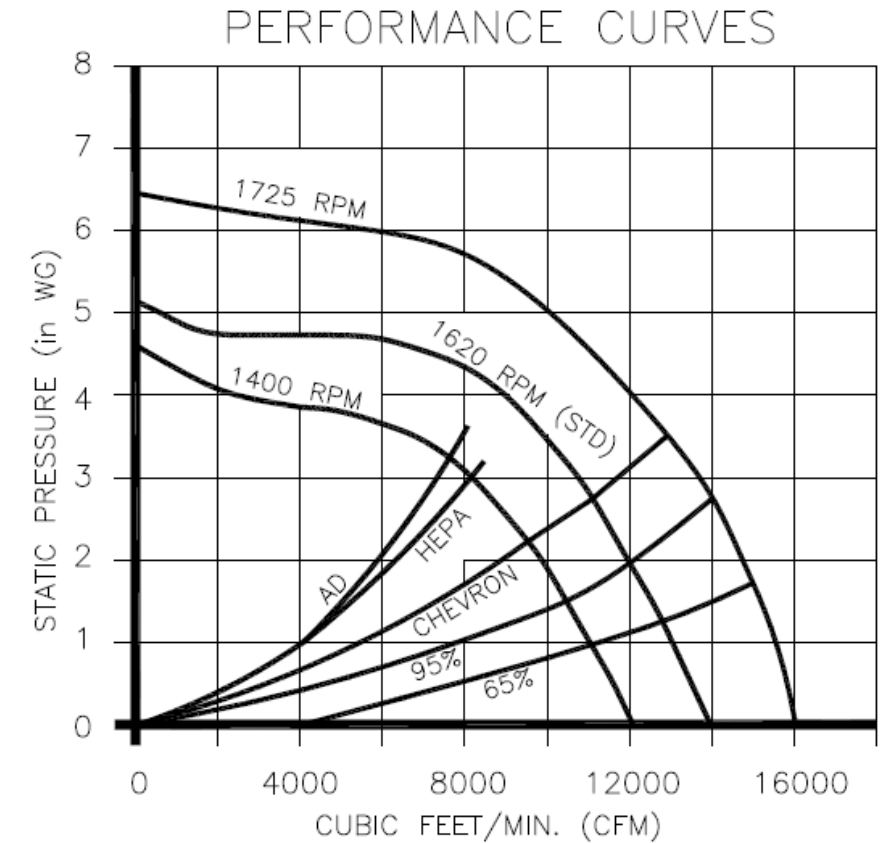
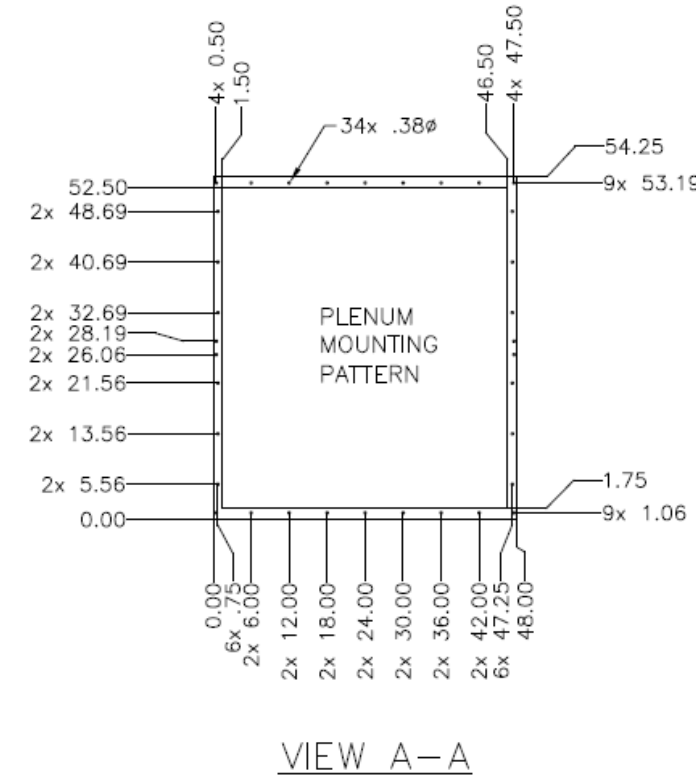
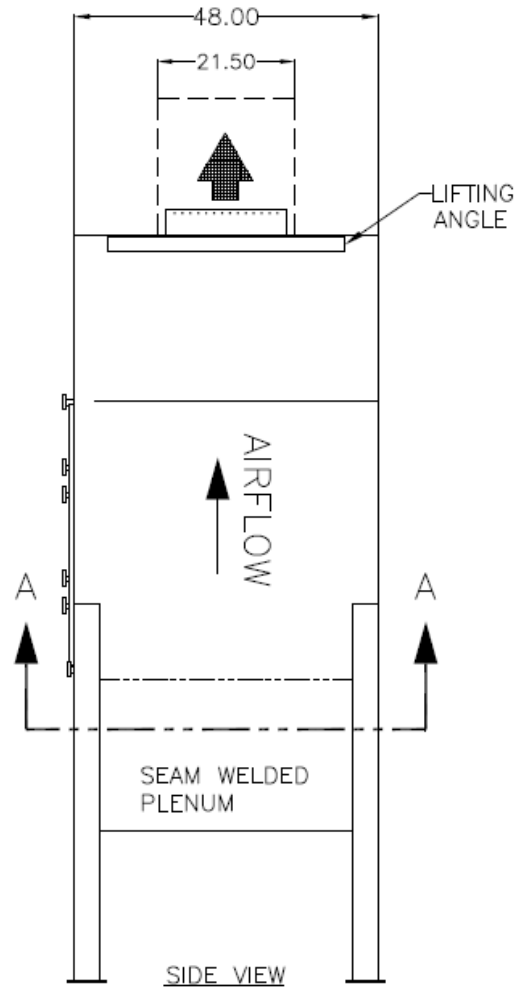
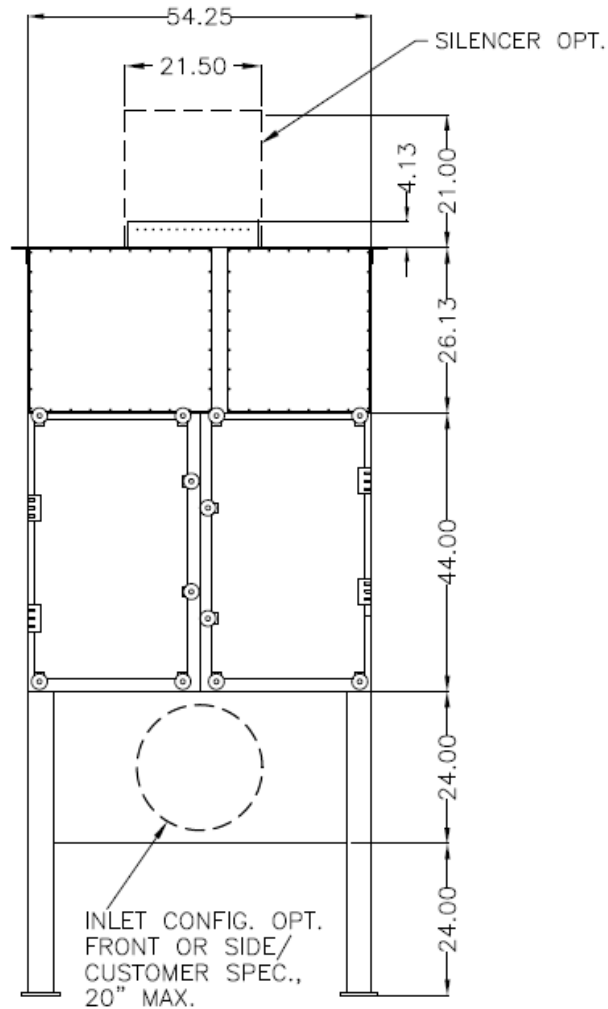
**AD OPTION:**

- (4) 4" pleated prefilters followed by (4) 66 ft<sup>2</sup>, 95% bag filters, (8) refillable AD modules, 25 lb capacity each, and (4) 2" pleated afterfilters.

**OTHER OPTIONS:**

- Pressure gauge kit indicates filter changes
- Silencer
- 3/4" NPT Drain
- 1400 rpm Blower - Free hanging
- 1725 rpm Blower - High static

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



10-05

CUSTOMER:
CUSTOMER P.O.:
PROJECT:
ENGINEER:
SALES REP.:
IDENTIFICATION / TAGGING:

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Drawn by:	JANOS-B
Date:	5/1/2008
Scale:	NTS
Weight:	N/A

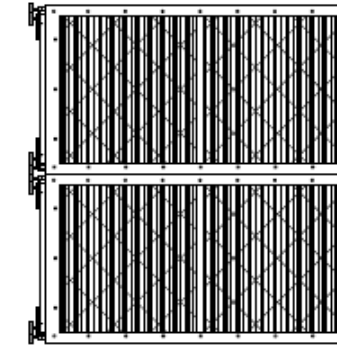
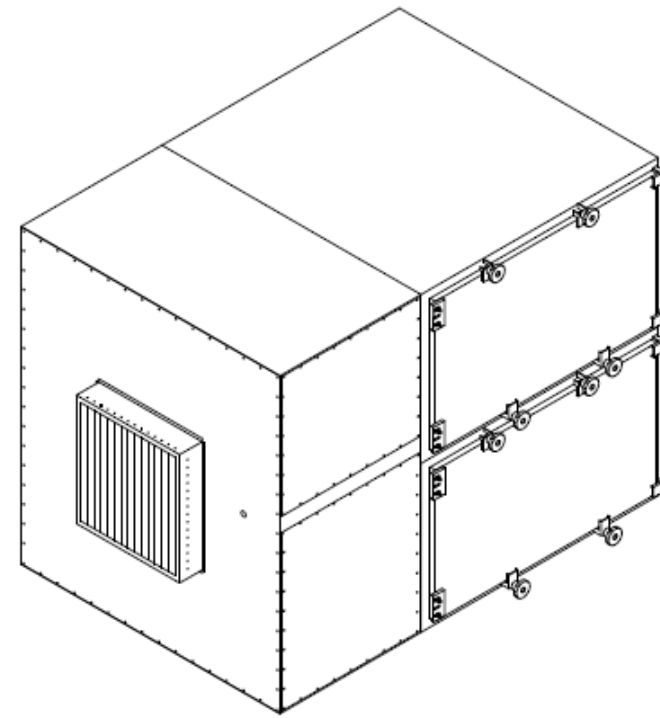
**10-05 F480**  
**Air Cleaner**  
Specification Drawing



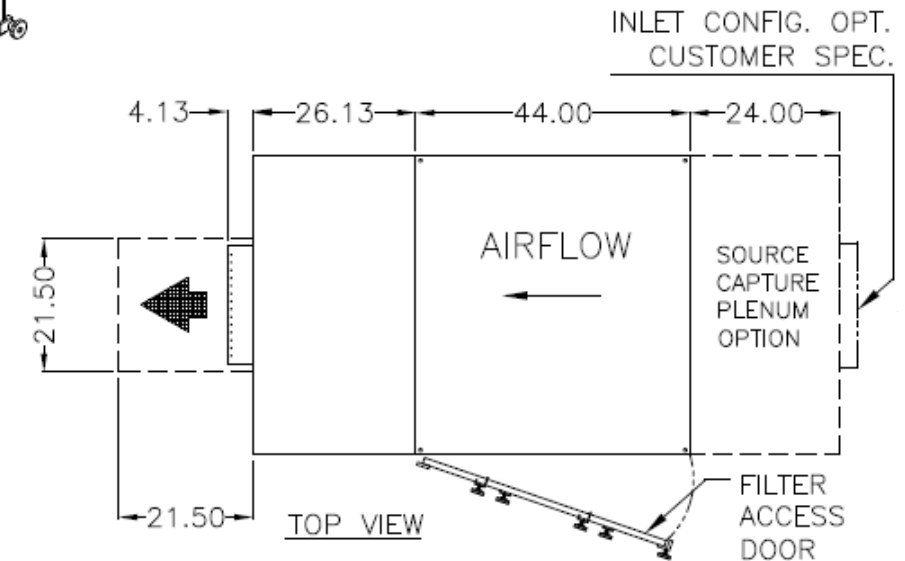
Drawing No.:	-	File Name:	(10-05) F480 - SD
Material:	-	Product manufactured by:	Airflow SYSTEMS INC.
			Sheet: 1/2

**MODELS & OPTIONS:**

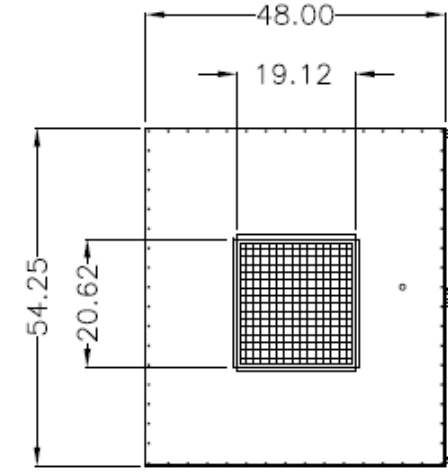
Part #	Description
<b>Main System / Part</b>	
<input type="checkbox"/> F480-VERT-2	Vertical 4000-8000 CFM unit includes (4) 4" pleated 30% prefilters (4) 65% bag filters 120ft <sup>2</sup> ea. 15 HP TEFC motor. Stand vertical doors and source capture plenum (Add 350 lbs.) Please specify voltage when ordering.
<input type="checkbox"/> F480	4000-8000 CFM unit, includes (4) 4" pleated 30% prefilters, (4) 65% bag filters, 120ft <sup>2</sup> ea. 15 HP TEFC motor. Please specify voltage when ordering.
<b>Filter Options (when ordering main unit)</b>	
<input type="checkbox"/> F480-2P	2" Polyester Prefilter Option for Standard F480 Unit
<input type="checkbox"/> F480-AD	AD Module Option for Standard F480 Unit
<input type="checkbox"/> F480-CV	Chevron Filter Option for Standard F480 Unit
<input type="checkbox"/> F480-EC	Easy Clean Bag Filter Option for Standard F480 Unit
<input type="checkbox"/> F480-HEPA	99.97% DOP HEPA Filter Option for Standard F480 Unit
<input type="checkbox"/> F480-95%	95% Bag Filter Option for Standard F480 Unit
<input type="checkbox"/> F480-2A	2" Mesh Prefilter Option for Standard F480 Unit
<input type="checkbox"/> F480-95DOP	95% DOP HEPA Filter Option for Standard F480 Unit
<b>Preventative Maintenance Pressure Gauges, etc. (when ordering main unit)</b>	
<input type="checkbox"/> F480-PG-10	0-10" magna-helic pressure gauge, approximately 5" diameter size. Surface mounted.
<b>Misc. Options</b>	
<input type="checkbox"/> F480-AR-DUAL	Dual F240 Auto-Roll Option for Standard F480 Unit
<b>Sound Attenuation</b>	
<input type="checkbox"/> F480-S-EXT	Silencer Option for Standard F480 Unit
<b>Replacement filters - (Quantity discounts available upon request)</b>	
<input type="checkbox"/> 2AF90006	Adsorber v-bank module.
<input type="checkbox"/> 2AF19032	Easy Clean Bag Filter
<input type="checkbox"/> 2AF49100	Chevron Filter
<input type="checkbox"/> 2AZ20004	2" Polyester Prefilter 24" x 24"
<input type="checkbox"/> 7FB65119	65% Short Bag Filter
<input type="checkbox"/> 7FB65132	65% Bag Filter
<input type="checkbox"/> 7FB90119	95% Short Bag Filter
<input type="checkbox"/> 7FB90132	95% Bag Filter
<input type="checkbox"/> 7FJ95112	95% @ 0.3 micron DOP filter c/w metal frame
<input type="checkbox"/> 7FJ99113	99.97% @ 0.3 micron HEPA Filter, steel frame (24" x 24" x 12")
<input type="checkbox"/> 7FM80002	Auto Roll Media
<input type="checkbox"/> 7FP30102	24"x24" x2" Pleated Prefilter
<input type="checkbox"/> 7FP30104	24"x24"x4"-30%-Pleated Prefilter
<input type="checkbox"/> CFH-2-10	Refillable Charcoal Filter Holder (24" x 24" x 2"). Holds 10 lbs of charcoal. Charcoal not included.
<input type="checkbox"/> Charcoal-18	18 lbs. of activated charcoal
<b>Installation Option &amp; Accessories</b>	
<input type="checkbox"/> F480-IA	Additional Inlet Collar Option for Standard F480 Unit
<input type="checkbox"/> F480-SP	Source Capture Plenum Option for Standard F480 Unit
<input type="checkbox"/> F480-STAND	24" Floor Stand Option for Standard F480 Unit



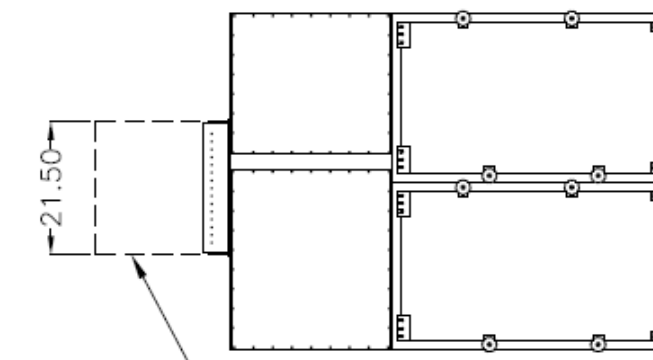
INLET VIEW



TOP VIEW



OUTLET VIEW



SIDE VIEW

OPTIONAL SILENCER

10-05

CUSTOMER:	
CUSTOMER P.O.:	
PROJECT:	
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Drawn by:	JANOS-B
Date:	5/1/2008
Scale:	NTS
Weight:	N/A

**10-05 F480**  
**Air Cleaner**  
**Specification Drawing**

Drawing No.: -      File Name: (10-05) F480 - SD  
 Material:      Product manufactured by:      Sheet: 2/2