

F360 Dust Collector

Features & Benefits



- **Capacities to 9000 CFM:**
Handles toughest industrial applications.
- **Class II Belt-Drive Blower:**
Higher static pressure, longer filter life and greater reliability; non-sparking; no belts or pulleys to replace.
- **Non-electrostatic operation:**
High reliability, low maintenance.
- **Ultra-Seal® filter mounting:**
Eliminates contaminant bypass of filters.
- **High efficiency filter media:**
Provides maximum effectiveness; low air-to-cloth ratio extends cycles between filter changes; filter changes easily without tools.
- **Prewired to junction box:**
For fast, easy installation.

Dimensions

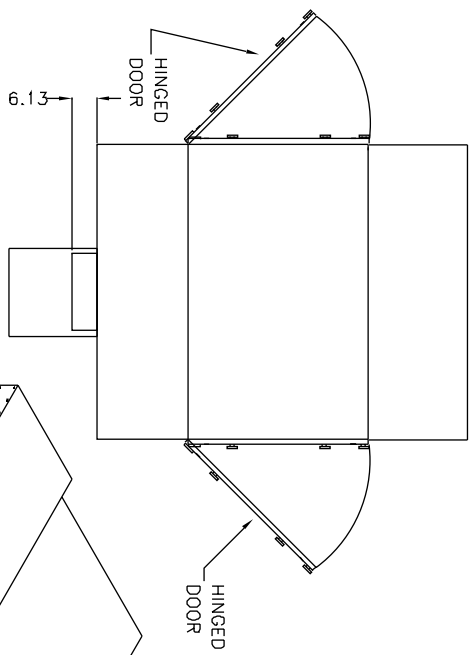
Width:	72.00"
Height:	32.00"
Depth:	70.00"

Options

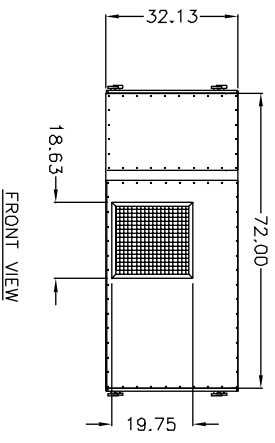
- **Pressure Gauge Kit:**
Indicates when filters require cleaning.
- **Silencer:**
Reduces air flow noise for quieter operation.
- **Charcoal Adsorber Modules:**
Refillable modules control gases and odors.
- **HEPA After-Filter:**
provides 99.97% DOP efficiency.
- **Inlet Plenum**
- **Floor Stand:**
Allows on-floor mounting when on-machine or hanging mounts are impractical.

Specifications

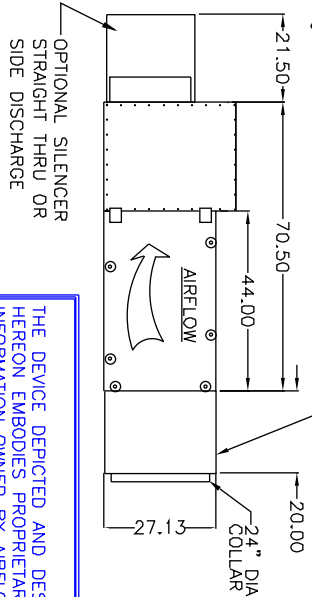
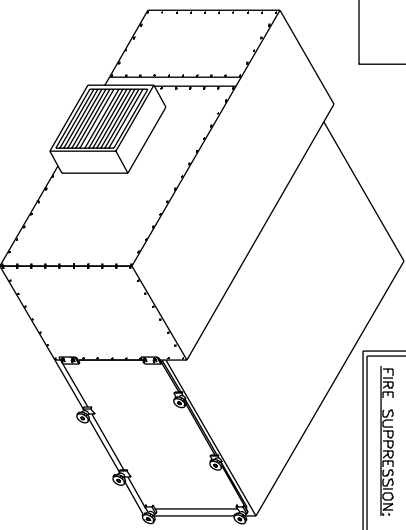
- **Construction:**
16 ga. steel cabinet, powder coated
- **Blower Pkg (HP):**
10.0
- **Noise Level (dBA):**
86/80 silencer
- **Electrical:**
10.0 HP - 208-230/460/3/60, 28.4/14.2
10.0 HP - 190/380/3/50, 26/13
- **Nominal CFM (in.):**
6000-9000
- **Weight (lbs.):**
930



TOP VIEW



FRONT VIEW



SIDE VIEW

CONSTRUCTION:

16 Gauge painted steel cabinet with Ultra-Seal™ filter sealing system, dual side access doors to filters, and a 1410 rpm belt driven, ball bearing, Class II blower with 4-way adjustable orifice blade exhaust grille. Motor wired to junction box out-side unit. Motor starters/disconnects not included, 932 lbs.

WEIGHT:

932 lbs.

AIRFLOW:

6000 CFM w/HEPA
10 HP 208-230/460/3/60, 28.5-28.4/14.2 amps

ELECTRICAL:

86 dBA / 80 dBA with silencer

NOISE:

FILTER SEAL:

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

FIRE SUPPRESSION:

Equipment provided by others.

SPECIFICATIONS:

PREFILTERS:

- (3) 4" Pleat, 30%, std.
- (3) Aluminum mesh, opt.
- (3) 2" polyester, opt.
- (3) Chevron® filter, opt.

MAIN FILTERS:

- (3) 120 ft² multi-pocket 65%, std.
- (3) 95% - opt.
- (3) Easy clean, opt.

AFTER FILTERS:

- (3) 4" pleat prefilters, followed by (3) 66 ft², 95% bag filters and (3) 39.97% HEPA filters.
- (3) 95% D.O.P., HEPA, opt.

AD. OPTION:

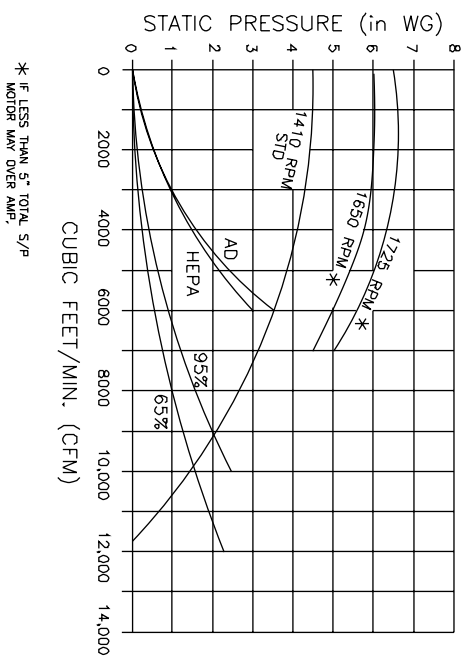
- (3) 4" pleat prefilters followed by (3) 66 ft², 95% bag filters, (6) refillable AD modules, 25 lb. capacity each, and (3) 2" pleat afterfilters.

OTHER OPTIONS:

- Pressure gauge kit indicates filter changes
- Source capture plenum
- Dots, 3/4" NPT
- Silencer
- 1650 rpm Blower - High static
- 1725 rpm Blower - High static

* AHS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

PERFORMANCE CURVES



* IF LESS THAN 5" TOTAL S/P MOTOR MAY OVER AMP.

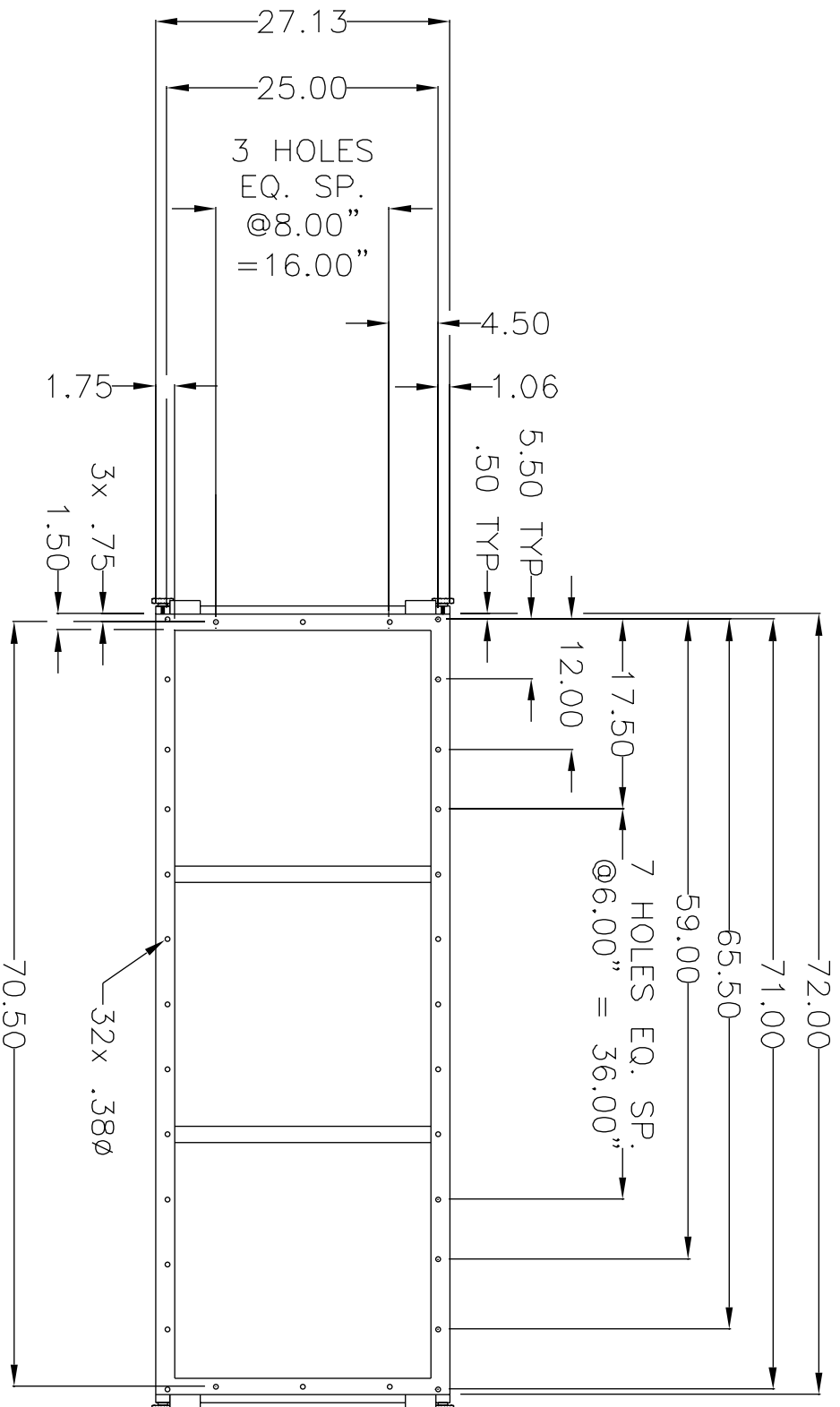
NOTES:

See page 2 for hole pattern for optional s/c plenum. 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 F360
DATE 5-9-00	PAGE 1 OF 2
SCALE	DRAWING NO.: F360SPC (36-2657/J)



INLET VIEW

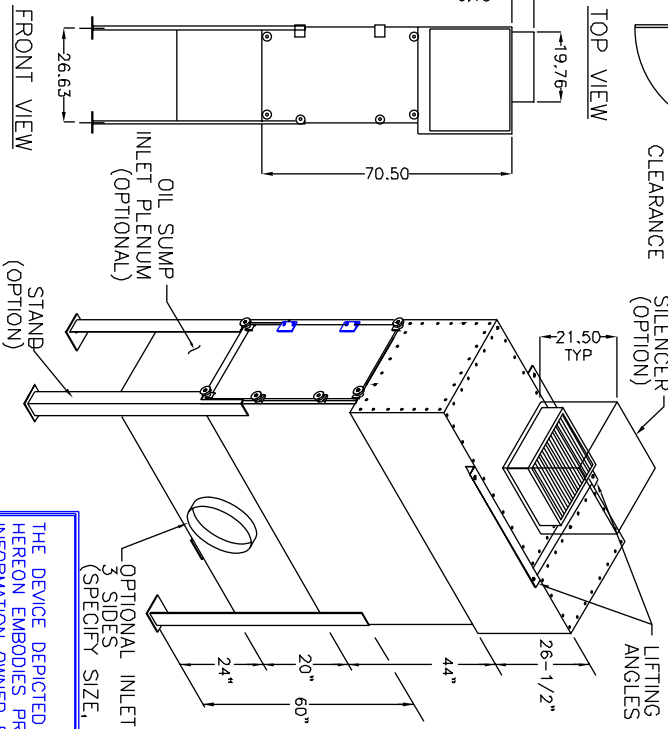
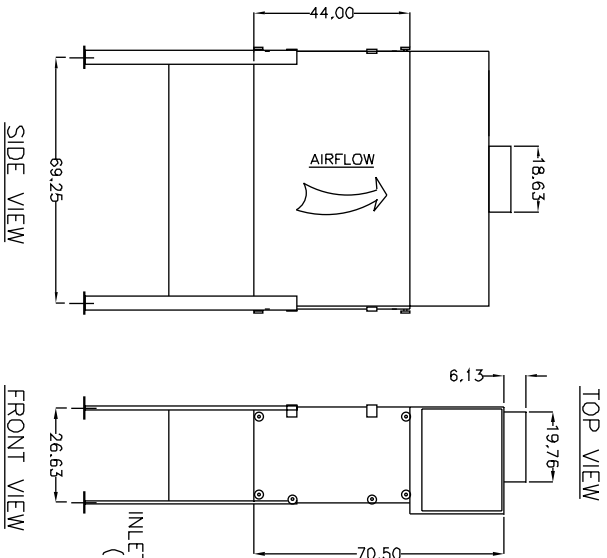
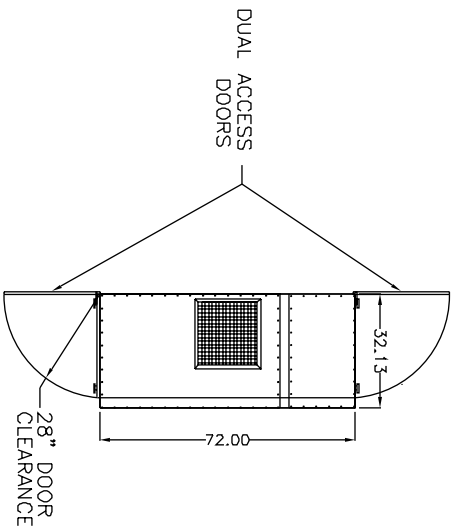
NOTES:

Hole pattern is symmetrical top to bottom.

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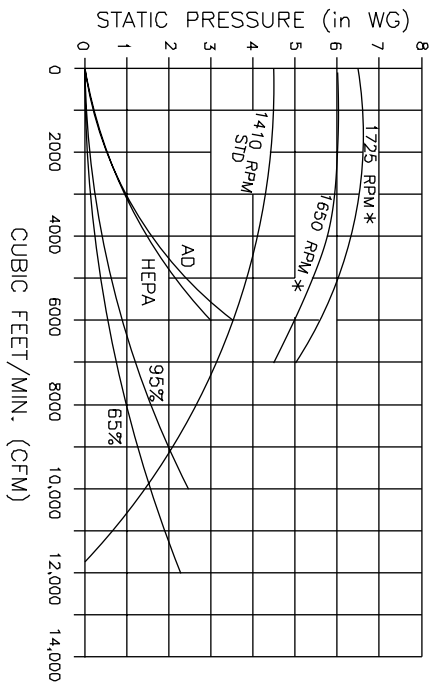
DRAWN BY CB	TITLE MODEL F360
DATE 5-9-00	PAGE 2 OF 2
SCALE	DRAWING NO. F-360SPC (36-2657/J)



SPECIFICATIONS:

- CONSTRUCTION:**
16 Gauge painted steel cabinet with Ultra-Seal® filter sealing system, dual side access doors to filters, and a 1410 rpm belt driven, ball bearing, Class II blower with 4-way adjustable air/fall blade exhaust grille. Motor wired to junction box outside unit. Motor starters/disconnects not included.
- WEIGHT:**
1030 lbs.
- AIRFLOW:**
9000 CFM
8000 CFM w/HEPA
- ELECTRICAL:**
10 HP 208-230/460/3/60, 28.5-28.4/14.2 amps
- NOISE:**
86 dBA / 80 dBA with silencer
- FILTER SEAL:**
Ultra-Seal® welded picture frame with positive sealing filter locking mechanism for all main filters. HEPA filter and adsorbent modules (when used). Slide in tracks shall be used for prefilters only.
- FIRE SUPPRESSION:** Equipment provided by others.

PERFORMANCE CURVES



* IF LESS THAN 5" TOTAL S/P MOTOR MAY OVER AMP.

- PREFILTERS:**
 (3) 4" Pleat, 30%, std.
 (3) Aluminum mesh, opt.
 (3) 2" polyester, opt.
 (3) Chevron® filter, opt.
- MAIN FILTERS:**
 (3) 120 ft² multi-pocket 65%, std.
 (3) 95% - opt.
 (3) Easy clean, opt.
- AFTER FILTERS:**
 (3) 4" pleat prefilters followed by (3) 66 ft², 95% bag filters and (3) 99.97% HEPA filters.
 (3) 4" pleat prefilters followed by (3) 66 ft², 95% bag filters and (3) 99.97% HEPA filters.
- AD OPTION:**
 (3) 4" pleat prefilters followed by (3) 66 ft², 95% bag filters, (6) refillable AD modules, 25 lb. capacity each, and (3) 2" pleat afterfilters.
- OTHER OPTIONS:**
 Pressure gauge kit indicates filter changes
 Source capture plenum
 Drains, 3/4" NPT
 Silencer
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- * AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

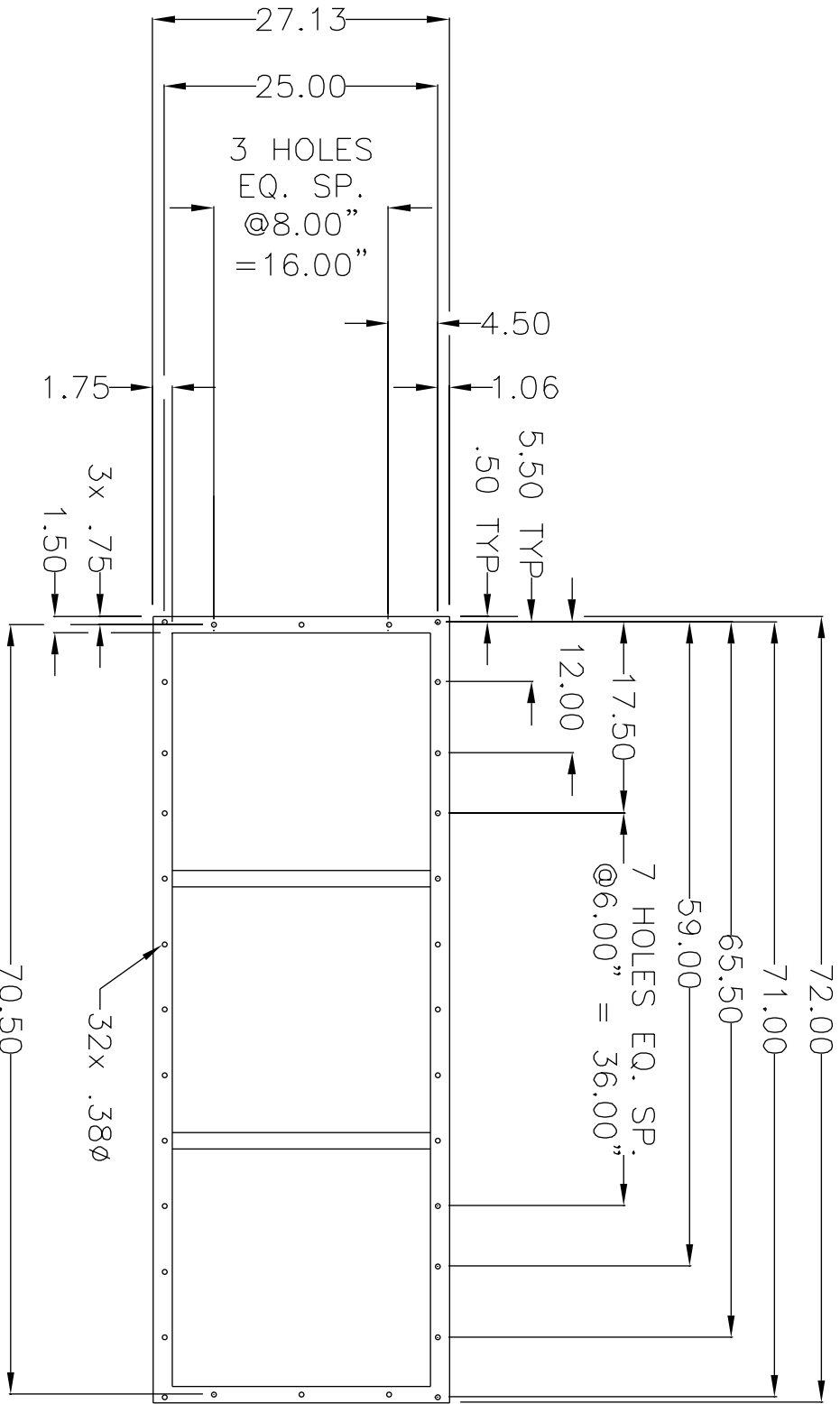
NOTES:

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 DATE: 3-8-01
 SCALE:
 TITLE: MODEL F360 VERTICAL
 PAGE 1 OF 2
 DRAWING NO.: F360VSPC (36-8083/K)



INLET VIEW

NOTES:

Hole pattern is symmetrical top to bottom.

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SCALE

TITLE
MODEL F360 VERTICAL
PAGE 2 OF 2
DRAWING NO.: F360VSPC (36-3083/K)