

Looks like a safe because it's built like a safe.



FARR
Air Pollution Control



gold series®

Farr APC

Gold Series® Brochure

Air Pollution Control



Gold Series Application Focus

Looks like a safe because it's built like a safe.

The ultimate dust collector—the Gold Series®



The Gold Series®

The Gold Series cartridge dust and fume collector combines enhanced performance with the ease of service while cleaning the work environment of irritating dust and fumes. The Gold Series cartridge dust and fume collector may be used for a wide range of pollution control and product recovery applications.

The Gold Series is the next generation dust collector, building on 25 years of experience with Farr APC's Tenkay® dust collector.

Enhanced performance features with exceptional ease of installation and service make the Gold Series the ultimate choice for a clean workplace.

Featuring the Gold Cone in the center of the cartridge, cleaning is accomplished by pulse waves that emanate outward from this inner cone providing enhanced cleaning for more efficient operation, longer cartridge life and reduced service requirements.

In most cases, the Gold Series meets the 5mg/m³ or less emissions required to recirculate the air back into the work place on non-hazardous dusts.

Meeting airflow requirements with a 25% smaller housing allows the Gold Series to deliver premium performance at a competitive price and take up less factory floor space. The service benefits are numerous offering faster, trouble-free change-out of cartridges.

The Gold Series, along with other Farr APC dust collectors, are manufactured in our hi-bay facility in Jonesboro, AR (pictured lower right).

Typical Applications:

- **Blasting—Shot & Grit**
- **Pharmaceutical—Pill press, tablet coating, drying**
- **Welding**
- **Grinding**
- **Sanding**
- **Thermal Spray**
- **Paper dust—Corrugated, folding carton, printing, binding**
- **Fiberglass**
- **Process Chemicals**
- **Wood Working**
- **Powder & Bulk**
- **Laser Cutting**
- **Plasma Cutting**
- **Mining—Crushing & Conveying**

Farr APC Gold Cone Cartridge and Cam Lock Feature covered by Patent Numbers 5,972,059 and 4,322,231.
HemiPleat technology patent pending.

Gold Series Installations



Large Auto Manufacturer Weld Smoke



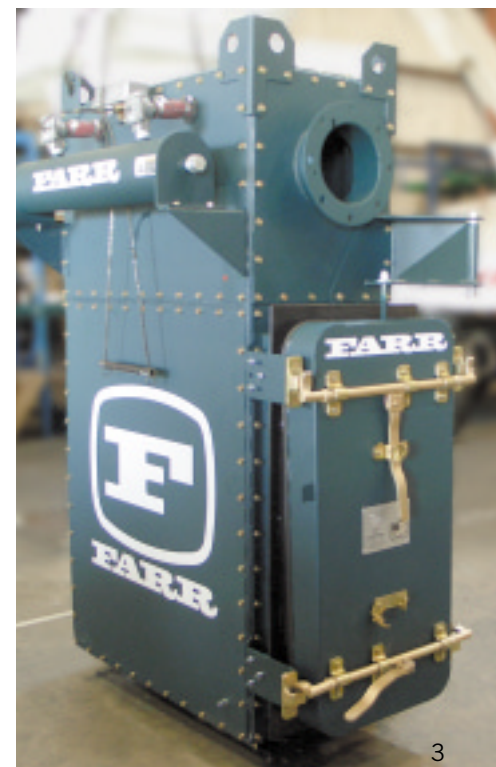
Cereal Ingredients Installation



GS on Paper dust from Bookbinding



Manufacturing Facility in Jonesboro, AR



Camtain GS BIBO System Off Pill Press

Gold Series® offers modular design for

"We are very happy with the Farr Dust Collector. The dust collection solution was purchased for our CNC plasma cutter to replace a horizontal cartridge dust collector due to short filter life. The current filters have been in for over a year and still look great and are operating on less than 3" pressure drop. Also, the Farr people have been a pleasure to do business with."

— Dan Schuler, Schuler Manufacturing

Gold Series Features

- Modular design for optimum flexibility—have it your way fast!
- Each module accommodates airflows up to 5,000 cfm
- Module constructed of 7 gauge carbon steel
- Door, hopper, inlet and panels are all 10 gauge steel
- Powder painted for unsurpassed corrosion resistance
- Component configurations are virtually unlimited
- Vertical design of cartridges efficiently pulses dust



Easy Access Door

- No Knobs To Lose or Drop
- No Threads To Bind
- Mechanically Attached Seal
- Heavy 10 gauge Construction
- Lock-Out/Tag-Out Capability



Easy Changeout

Gold Cone Cartridge with patented Cambar action that positively seals the cartridges without using threads or knobs.



Optional Quick Open View Port in Hopper

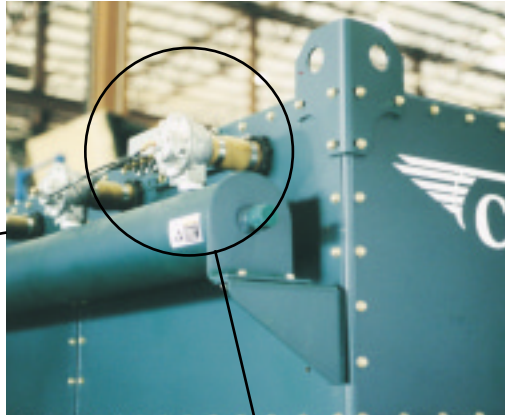
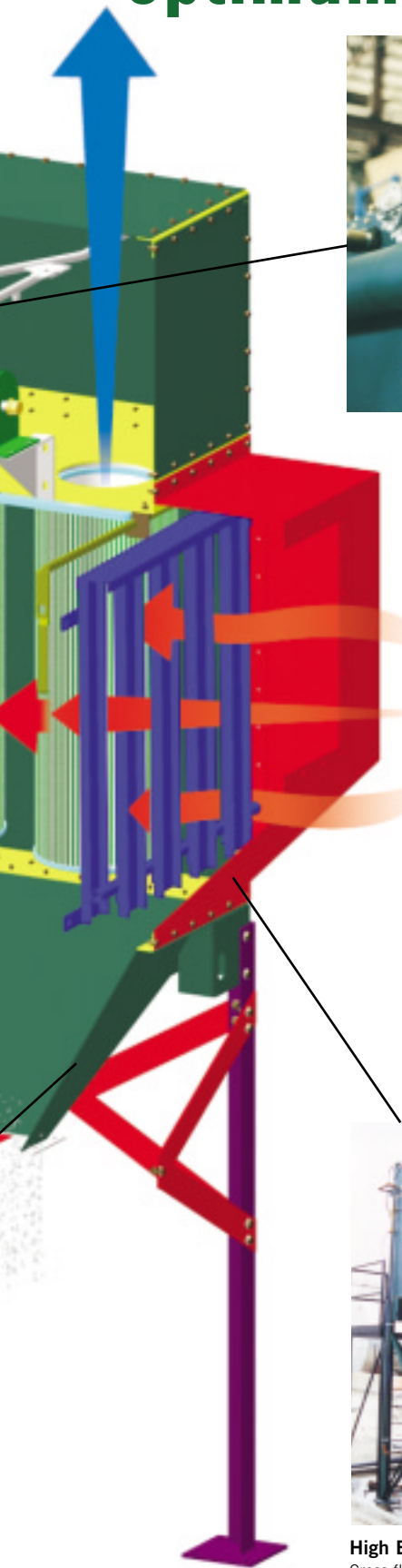


Individually Powder Coated

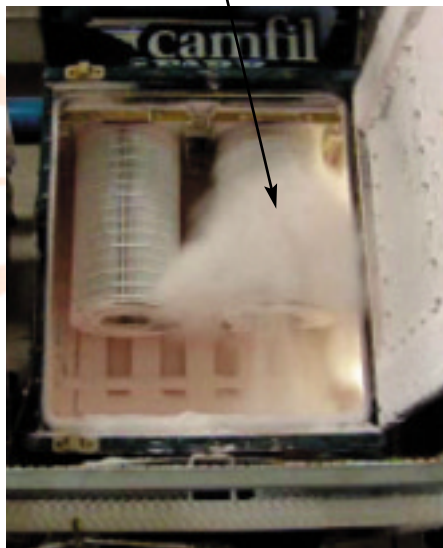
Gold Series components are individually powder coated prior to assembly for superior corrosion resistance.

Looks like a safe because
it's built like a safe.

optimum flexibility—delivered fast!



Powerful Cleaning System to Provide Long Filter Life



Pulse Discharge of Gold Cone Filter



High Entry Inlet

Cross flow is created through the filters. Eliminates upward "can" velocities associated with traditional hopper inlets.

Easy Maintenance

The service benefits are numerous. A heavy gauge access door uses an easy-to-use lift cambar in place of the usual threaded handle, facilitating entry into the collector. The door is fully-reversible for access from either side and has an exclusive lock-out feature for worker safety. Cartridge service is further simplified through a cambar system that allows faster trouble-free change-out.

Gold Series Options:

- Explosion Venting
- Rotary Airlock
- Drum Cover Kit
- Quick Open Access Panel in Clean Air Chamber
- Custom Colors
- NEMA 7/9 Solenoid Enclosure
- Increase Leg Length
- Hopper Access Door
- Sprinkler Coupling
- Dust Level Indicator
- Dust Bin w/Drawers
- Common Trough Hopper
- Large Pyramid Hopper
- Stainless Steel Construction
- Various Inlet Designs

Gold Cone Filter Media Options:

325 Sq. Ft. HemiPleat® Filters (Media Area)—180°F Max
 99.99% at 0.5 micron Efficiency
 HMPTS—Poly-Tech Standard
 HMPTC—Poly-Tech Carbon Impregnated
 HMPTF—Poly-Tech Fire Retardant
 HMPTU—Poly-Tech Ultra High Efficiency
 HMPTUF—Poly-Tech Ultra High Efficiency, Fire Retardant

200 Sq. Ft. Filters (Media Area)—250°F Max, Washable
 DPS—Dura-Pleat® Standard Spun-Bond Polyester
 DPA—Dura-Pleat® Aluminized Finish (static drain)
 DPO—Dura-Pleat® Oleophobic Treatment (moisture resistant)
 DPT—Dura-Pleat® with Teflon Membrane

Specialty Hi Temp Nomex® & PTFE cartridges for 350° F also available.

Control Options— For Automatic Filter Cleaning



DCT 1000



P4

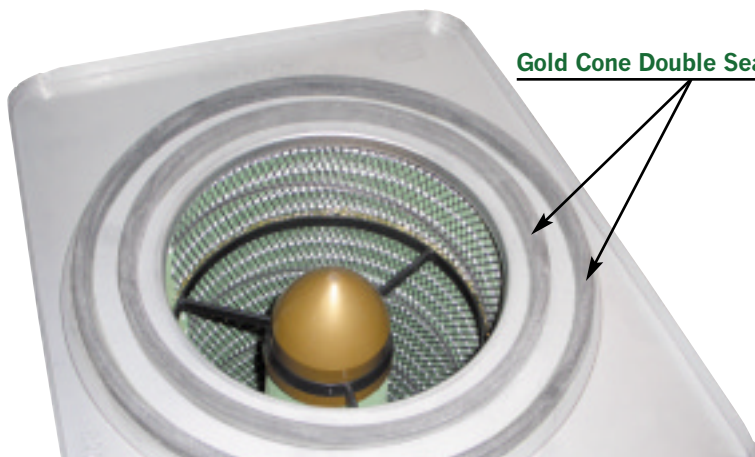


DETERMINATOR

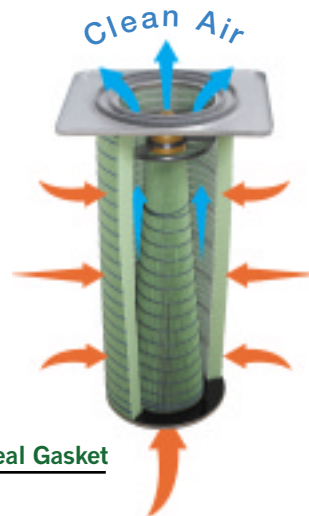
Filtration Technology

The Most Advanced Dust Collector Media Ever Made

- Poly-Tech™ media's filtration efficiency is 99.999% on the 0.5 μ and larger particles.
- The Gold Series meets the 5 mg/m³ or less emissions required to recirculate air back on non-hazardous dusts in most cases.
- Poly-Tech is offered with a flame resistant treatment and carbon impregnated for static drain.
- Other media options include Dura-Pleat® for sticky dusts and PTFE for the demanding applications.



Gold Cone Double Seal Gasket



Gold Cone Key Benefits:

- High filtration efficiency
- Low Pressure Drop
- Long filter life

Gold Cone Cartridge

- Vertically mounted to shed dust readily for efficient cleaning and longer service life.
- Features a cone in the center of the cartridge.
- Cleaning is accomplished by pulse waves that emanate outward also expanding the area of the cartridge.
- Test results indicate that this new pulse distribution method provides enhanced cleaning.
- More efficient operation, longer cartridge life and reduced service requirements.

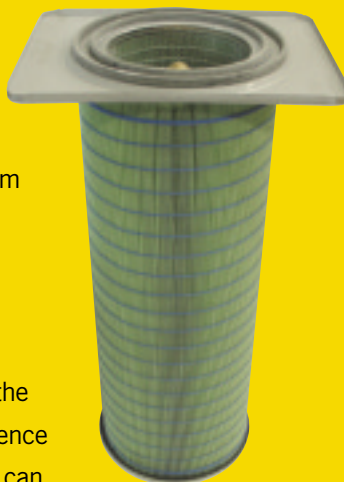
HemiPleat® vs. Typical Pleats

No matter which dust collector you have, the HemiPleat® filter can improve its performance.

Guaranteed.

Media Comparison

The HemiPleat's high quality uniform pleat pack establishes the superiority of this cartridge over all other products in the market. The difference in pleating quality can be seen at left in a comparison against the media pack with typical industry pleats. Notice the difference in pleat spacing and alignment.



HemiPleat Advantages

- Lower pressure drop through open pleat spacing improves cleaning efficiency, which will reduce energy costs through less compressed air consumption during cleaning in many applications.
- More media is available for filtration, for improved performance and longer life.
- The separation beads, not the media pleats, contact the inner cage, protecting the media from frictional damage.

HemiPleat Breathable Media Pleats



Typical Industry Packed Media Pleats

Gold Series Options

The dust collector individually customized for your special needs.



Abrasive Resistant Inlet, Top Mount Fan, Silencer, & Safety Monitoring Filter



Top Mount Fan



Trough Hopper with Screw Conveyor



Hazardous compounds contained with BIBO filter change. Filters are sealed via cam-lock action, making it easy to work through the bag.



BIBO dust discharge. Hazardous compounds contained during BIBO filter change.



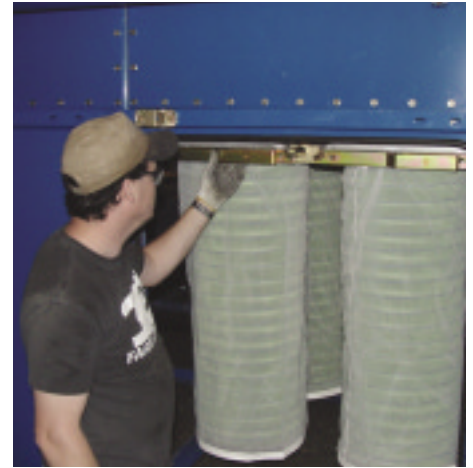
Explosion Vent—NFPA Rupture Panel



Louvered door inlet for cross-flow applications

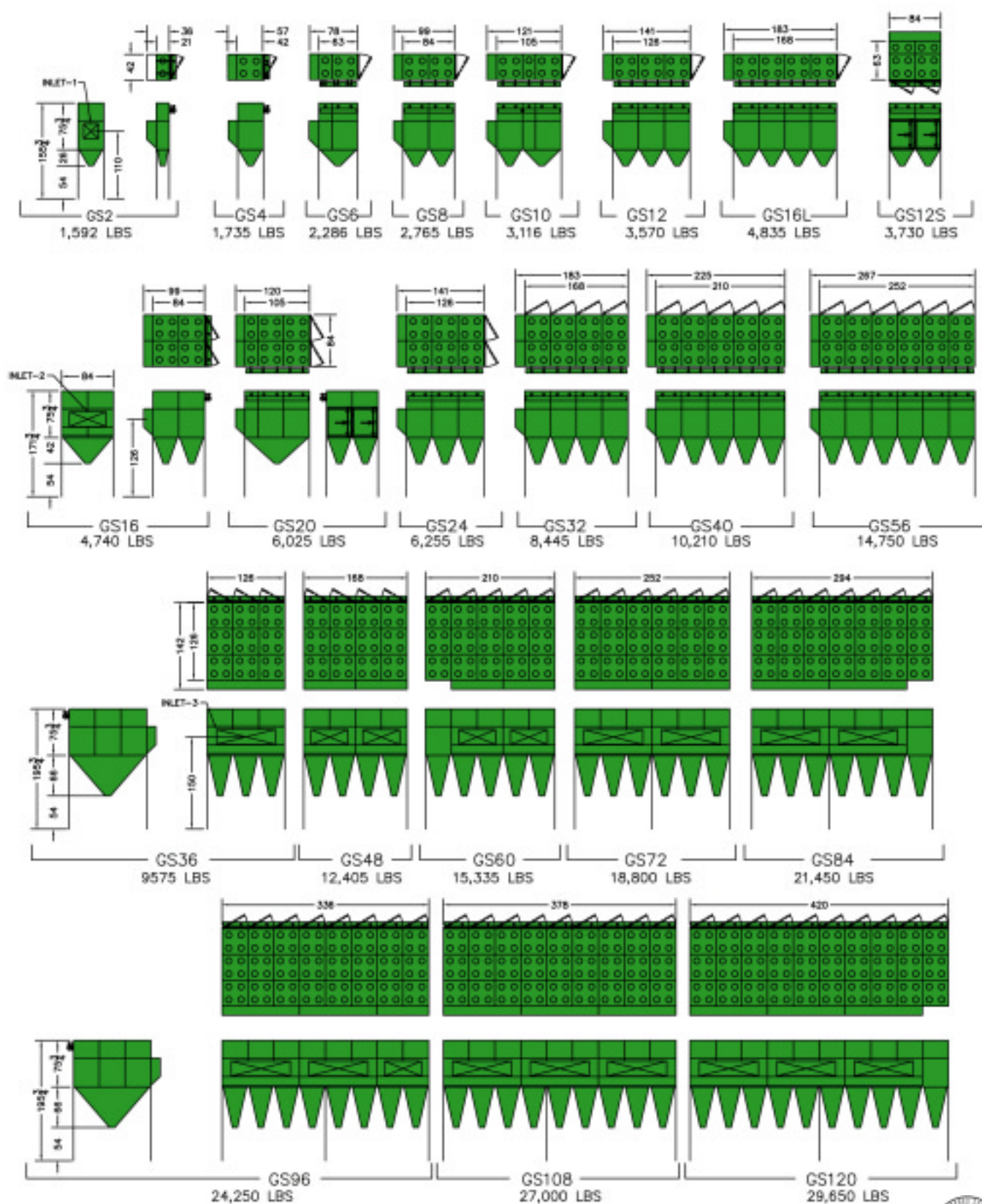


Stainless Steel Construction Available



Overbag Option for Fibrous Dusts like Paper & Fiberglass

Gold Series Models



Large single point discharge hoppers available. Trough hoppers also available. Hoppers shown result in lowest possible headheight.



Model # Code
 GS 24
 # of cartridges
 Gold Series



Farr APC is a proud member of the Camfil Farr group.

800-479-6801 camfil
 www.farrapc.com
 870-933-8048 Jonesboro, AR
 email: filterman@farrapc.com

Additional APC offices and factories in Laval, Canada (450-629-3030), and UK (44-121-707-8211)

GSHV Gold Series® High Vacuum

Dust Collector for High Pressure/Vacuum Applications



High Vacuum Dust Collector can be used in applications up to 17 in Hg or 8 psi positive pressure. Common applications include central vacuum systems, positive or negative product receivers and high pressure bin vents.

Standard Features & Benefits —

- Heavy duty 10 and 7 gauge construction
- Vessel strength: 17 in Hg vacuum, 8 psi positive pressure (without explosion vent)
- Flanged, tangential inlet minimizes dust contacting the filters
- Two models available:
 - GS2HV (2-cartridge design)
 - GS4HV (4-cartridge design)
- Can be configured as a stand-alone dust collector or without hopper and support structure for bin vent applications
- Pulse-cleaning system includes field-mountable, solid state control panel

Options —

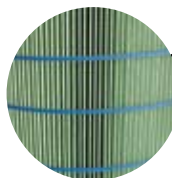
- Horizontal explosion vent
- Bag-in bag-out filter access door for pharmaceutical/hazardous dusts
- Continuous liner discharge for pharmaceutical/hazardous dusts
- Discharge collection devices such as a 55-gallon drum or self-dumping hopper.

HemiPleat® Gold Cone™ Filter Cartridge

Gold Cone™ Double Seal
Pour-In-Place Urethane Gasket

Factory Bonded Steel
Top and Bottom Headers

Exclusive Gold Cone™
Technology



Separator Bead
Ensures Uniform Pleat
Spacing of Media



Camfil Farr APC	Product Sheet
GSHV Gold Series® High Vacuum	
SAFE AIR FOR A SAFE WORK ENVIRONMENT	

Safety & Protection

Optional bag-in bag-out (BIBO)
filter access door for
pharmaceutical/hazardous dusts



Stainless Steel High Vacuum (HV) Gold Series®
GS4HV 4 Cartridges



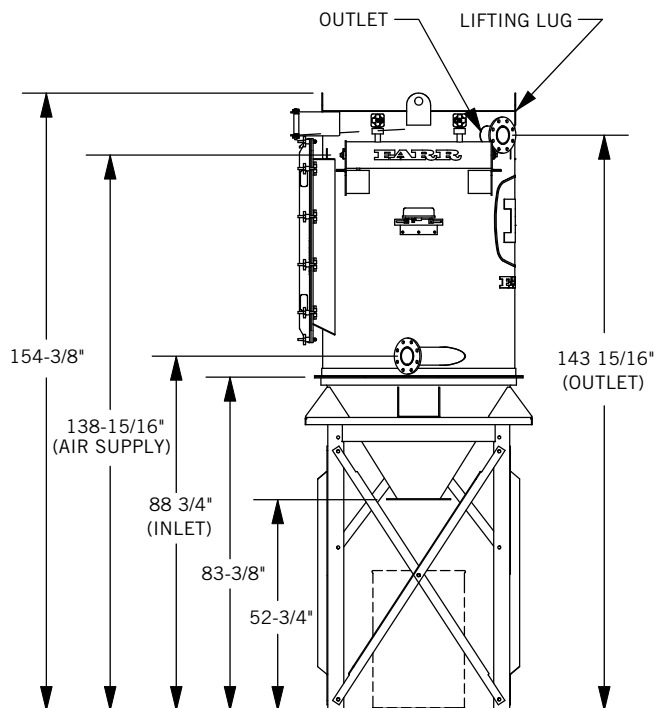
Pulse cleaning system

Heavy duty tank head

Cyclonic tangential inlet

Optional continuous liner discharge for
pharmaceutical/hazardous dusts

GSHV shown with optional BIBO
door and continuous liner discharge.



3505 Airport Rd. • Jonesboro, AR 72401 • 870-933-8048 • Fax: 870-933-8380
www.farrapc.com • e-mail: filterman@farrapc.com • 800-479-6801
Visit www.camfilfarrapc.com for offices out of North America.

SAFE AIR FOR A SAFE WORK ENVIRONMENT



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GOLD SERIES GS-MINI™

Single Cartridge Dust Collector

Mini Solution for Small Dust Applications



The Gold Series GS-Mini™ is a single-cartridge dust collector for sub 500 CFM applications where you want a dedicated dust collector for one process machine or as a bin vent on a silo. The GS-Mini incorporates the same cam-lock features and structural strength of the standard Gold Series. A Gold Cone® filter cartridge, fan and manual pulse system are included.

STANDARD FEATURES

- 10 Ga. CS Heavy Duty Construction
- HemiPleat™ Filter Cartridge
- Integrated Magnehelic® gage to monitor the pressure drop across the filter
- Right or Left Inlet Location
- Spark-proof Aluminum Fan
- Manual Pulse Controller

OPTIONS

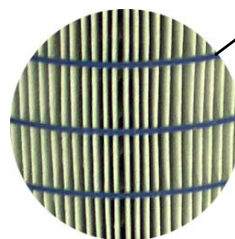
- Automatic Timer Controller
- Heavy Duty Food Grade Casters (two are swivel with locking mechanism)
- Prewired Motor Starter
- Tool-less, Quick-release Dust Drawer to remove dust
- 55-gallon drum Configuration
- Bin Vent Configuration

HemiPleat™ Gold Cone Filter Cartridge

Continuous Gasket

Factory Bonded Steel Top and Bottom Headers

Exclusive Gold Cone Technology



HemiPleat Separator Bead Ensures Uniform Pleat Spacing

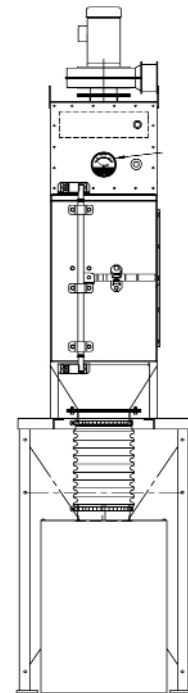
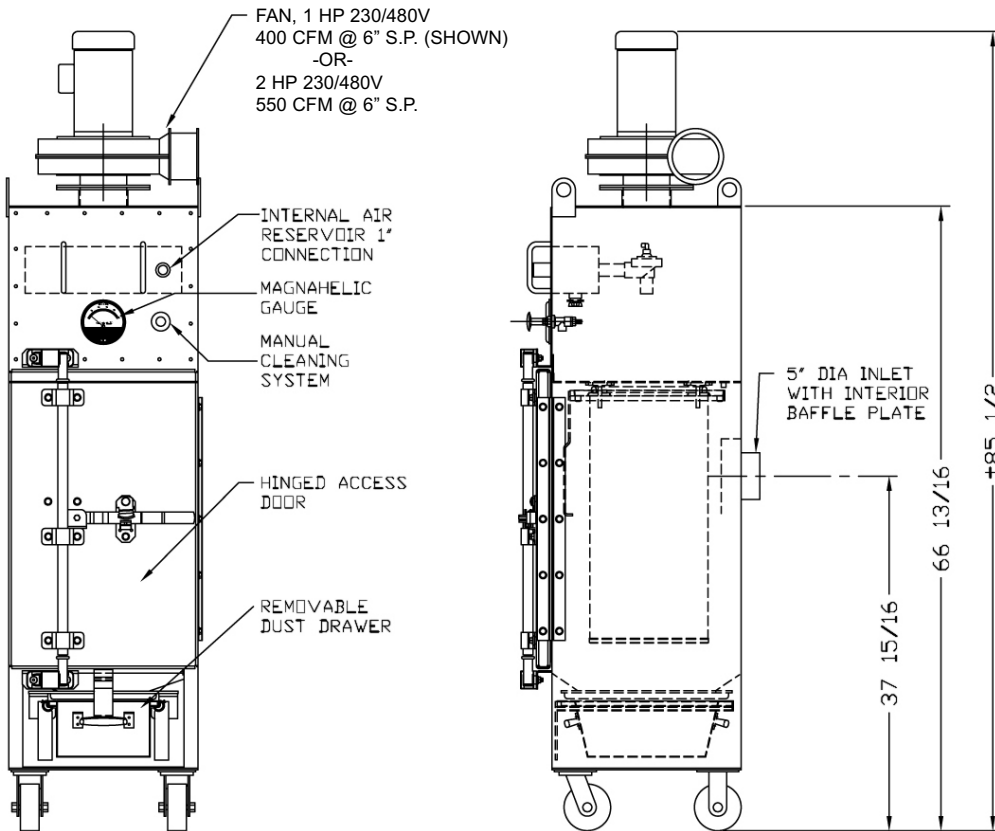


	Product Sheet
Gold Series GS-Mini™	
SAFE AIR FOR A SAFE WORK ENVIRONMENT	

TYPICAL APPLICATIONS

- Sanding & grinding dust
- Food additive/spices
- Talc, cornstarch dust
- Abrasive blasting
- Carbon black/toner dust
- Ambient filtration
- Welding fumes
- Mixing & blending dust
- Mineral, silica dust
- Plastic & composite dust

Specifications



55-gal Drum Discharge Configuration



Optional Heavy Duty Food Grade Casters



Optional Automatic Timer Cleaning System



Tool-less, Quick-release Dust Drawer



GS-Mini Bin Vent Configuration



FARR

Air Pollution Control SAFE AIR FOR A SAFE WORK ENVIRONMENT

3501 Airport Rd. • Jonesboro, AR 72401 • 870-933-8048, Ext. 7118 • Fax: 870-933-8380
www.farrapc.com • e-mail: filterman@farrapc.com • 800-479-6801

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