

It looks like a safe because it's built like a safe.



## Gold Series®

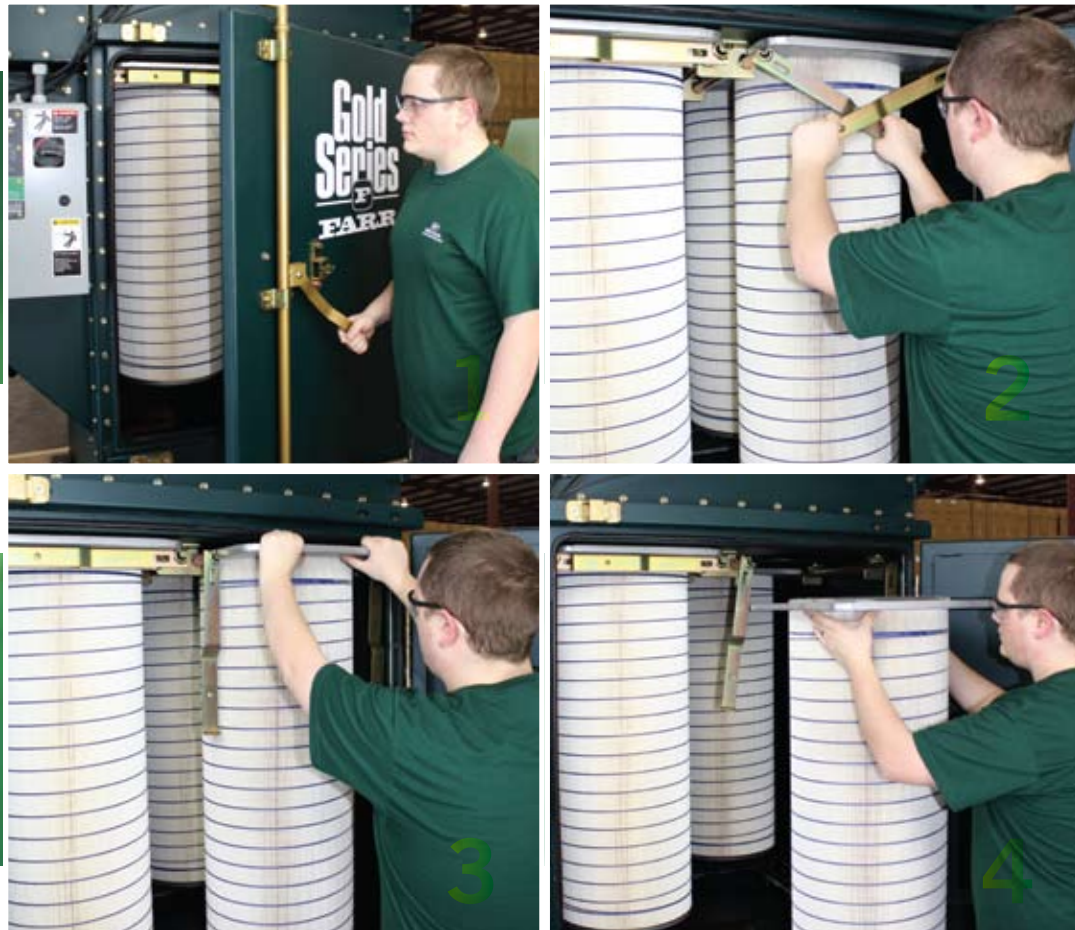
Camfil Farr APC

Gold Series® Brochure

Air Pollution Control







## 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.

## Typical Applications:

- Mining
- Welding Smoke/Fume
- Pharmaceutical
- Powder/Bulk Materials
- Sand Blasting
- Nuisance Dust Ventilation
- Folding Carton and Printing
- Wood Processing
- Grain/Agriculture
- Chemical Processing
- Paper Scrap Systems
- Plasma/Laser Cutting
- Thermal Spray
- Grinding
- Powder Painting/Pigments



Multiple GS Camtain™ units on a pharmaceutical application

## The Most Advanced Dust Collector Media Ever Made

- Poly-Tech™ media's filtration efficiency is 99.99% on the 0.5  $\mu$  and larger particles.
- The Gold Series® meets the 5 mg/m<sup>3</sup> or less emissions requirement to recirculate air back on non-hazardous dusts in most cases.
- Poly-Tech media 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.
- HemiPleat Nano media consists of Poly-Tech media with a microporous nanofiber coating for excellent efficiency and dust release characteristics.

## Gold Cone™ Filter Media Options:

**325 Sq. Ft. HemiPleat® Filters** (Media Area)—180°F Max  
 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  
 HMPTNFR—HemiPleat Nano, Fire Retardant  
 HMPTNST—HemiPleat Nano

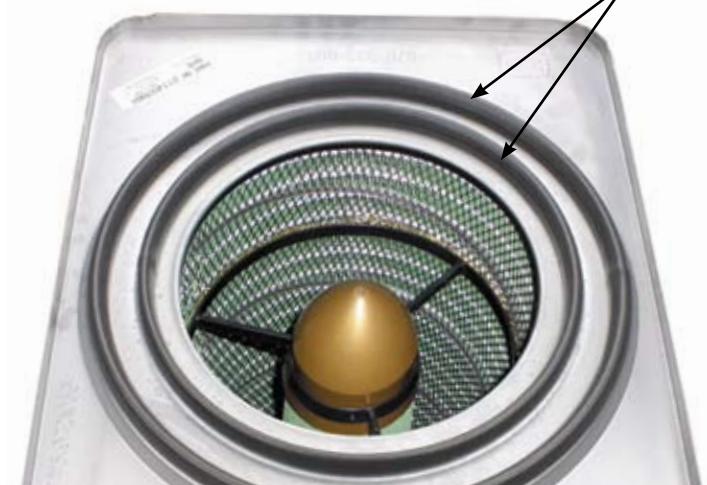
**225 Sq. Ft. Dura-Pleat Filters** (Media Area)—250°F Max, Washable  
 DPS—Dura-Pleat Standard Spun-Bond Polyester  
 DPA—Dura-Pleat Aluminized Finish (static drain)  
 DPO—Dura-Pleat Oleophobic Treatment (moisture resistant)  
 DPT—Dura-Pleat with Teflon® Membrane

Special 350° F high temp Nomex® and PTFE cartridges also available.

## 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, expanding the usable media in the filter by 25%.
- Cleaning is accomplished by pulse waves that emanate outward from the cone during the pulse.
- Test results indicate that this new pulse distribution method provides enhanced cleaning.
- More efficient operation, longer cartridge life and reduced service requirements.

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



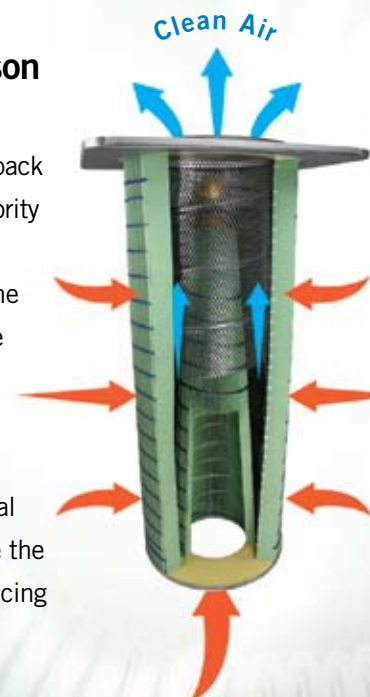
## HemiPleat vs. Typical Pleats

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 reduces energy costs through less compressed air consumption during cleaning in many applications.
- More filtration media for improved performance and longer life.
- The separation beads, not the media pleats, contact the inner cage to protect the media from frictional damage.



## Gold Series® offers modular design for optimum flexibility—delivered fast!

“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 enables efficient pulse cleaning of dust

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#### High Entry Inlet

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



#### Easy Change-out

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

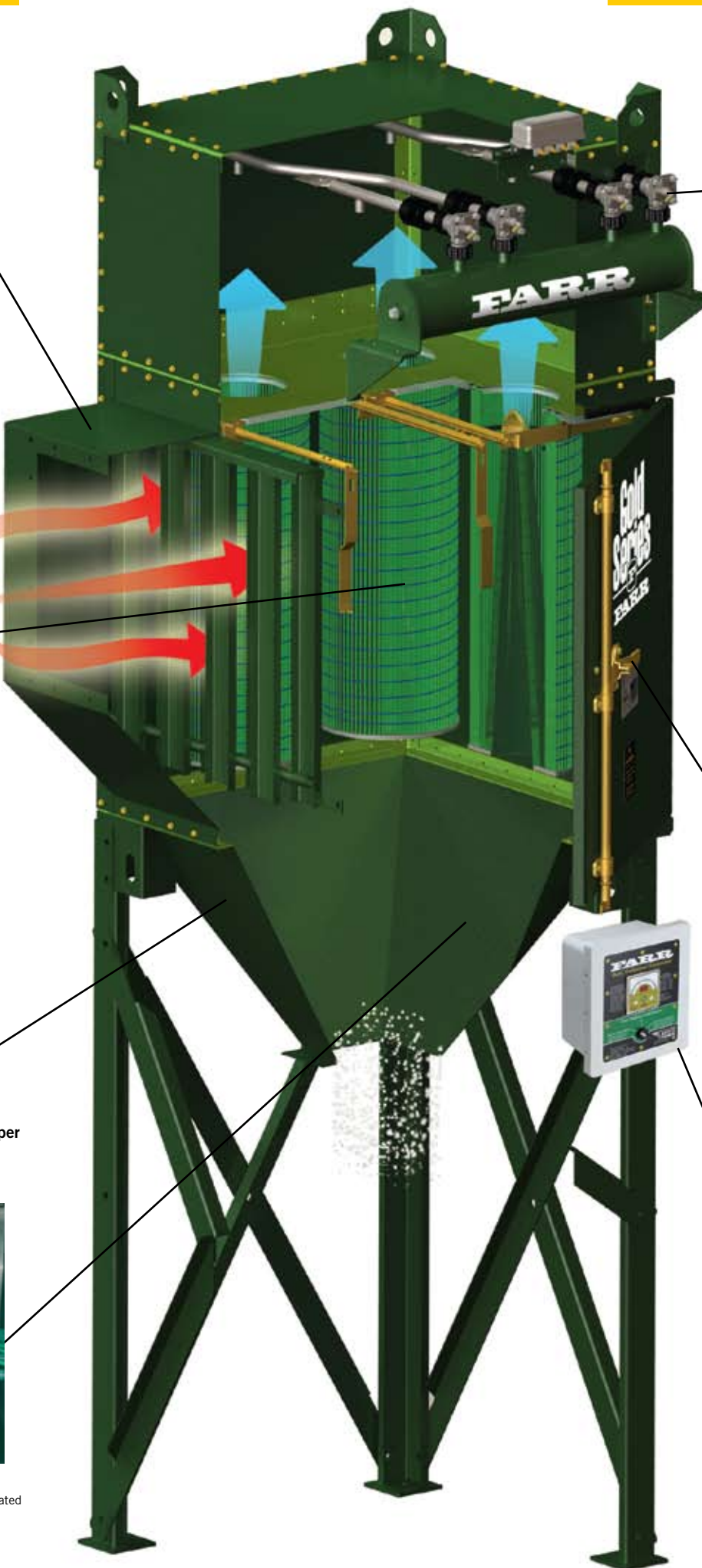


#### Optional Quick Open View Port in Hopper

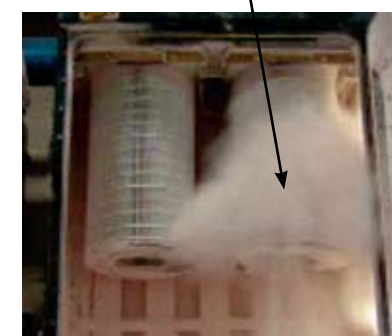


#### Individually Powder Coated

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



#### Powerful Cleaning System to Provide Long Filter Life



#### Pulse Discharge of Gold Cone™ Filter



#### 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



#### FDC Controller

### 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
- Low Boy Design
- Drop Out Module
- Inlet Duct Back Flap Damper
- Solenoid Heaters
- Just about anything you can think of

### Automatic Filter Cleaning

The Farr Dust Collector (FDC) Controller's flexible design allows it to be adapted to many dust collector configurations.



# Gold Series® Installations



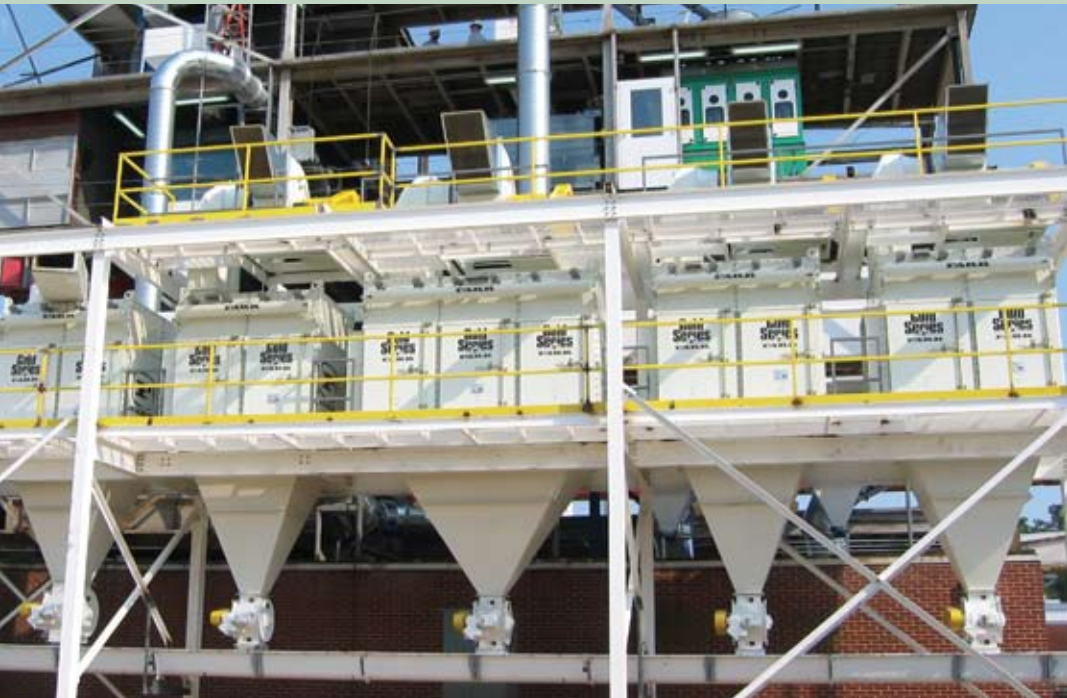
GS96 on a blast booth



GS24 on paper dust



Gold Series units on crushing copper ore



Gold Series dust collectors on seed processing



GS20 on aluminum shot blasting



GS12 & GS20 on wheel blasting



GS12 and Two GS20 units on corn seed processing

# Gold Series® Options

## Gold Series® Options

*The dust collector individually customized for your special needs.*



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



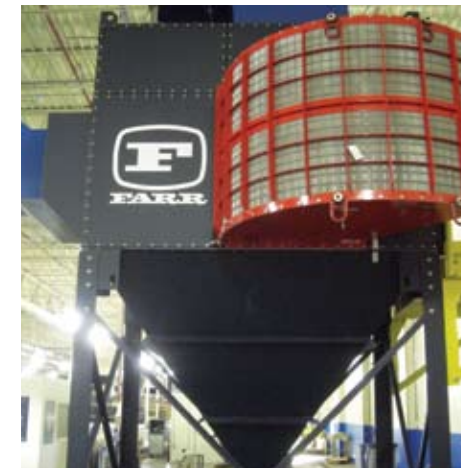
Hazardous compounds contained with BIBO filter change. Filters are sealed via cam-lock action, making it easy to work through the bag.



Louvered door inlet for cross-flow applications



Top Mount Fan with premium efficiency motor.



NFPA compliant flameless indoor explosion venting



Stainless Steel Construction Available



Trough Hopper with Screw Conveyor



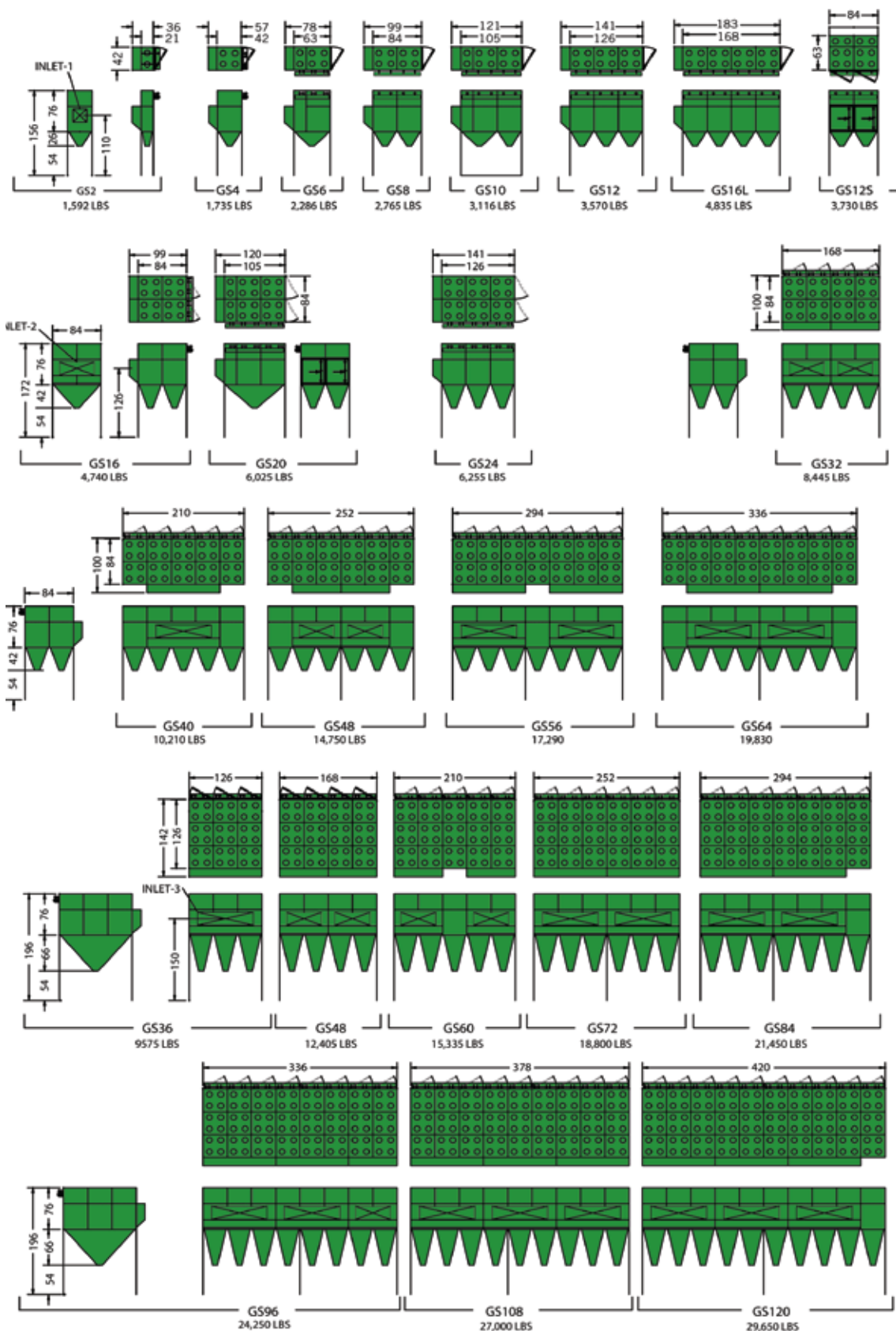
Explosion Vent-ATEX Approved Rupture Panel



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.

040110

**800-479-6801**

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Visit [www.camfilfarrapc.com](http://www.camfilfarrapc.com) for offices out of North America.

Model # Code

GS 24

# of cartridges

Gold Series

**camfil**  
FARR  
AIR POLLUTION CONTROL