

Looks Like a Safe Because It's Built Like a Safe



## Gold Series®

Camfil Farr APC

Gold Series® Brochure

Air Pollution Control





# Everything makes Dust...

## Typical Applications:

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



# The Gold Series® Cleans it up

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



GS12 & GS20 on wheel blasting



GS4 on shot blasting



Gold Series dust collectors on seed processing



Gold Series units on crushing copper ore



Gold Series with integrated HEPA



GS96 on foundry sand



Grinding thermal spray coatings



GS48 on plasma cutting





# 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



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

## 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

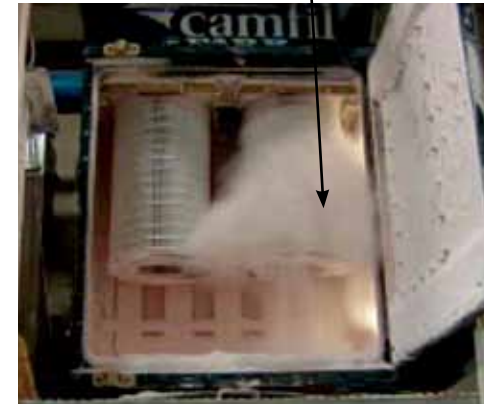
# Looks Like a Safe Because It's Built Like a Safe



Optional Quick Open View Port in Hopper



Powerful Cleaning System to Provide Long Filter Life



Pulse Discharge of Gold Cone® Filter



**Individually Powder Coated**  
Gold Series components are individually powder coated prior to assembly for superior corrosion resistance.

## FDC Controller



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

# Easy Filter Change-out





# The Heart of the Gold Series®



## The Most Advanced Dust Collector Media Ever Made

- Poly-Tech™ media's filtration efficiency is 99.99% on the 0.5 μ 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.



Gold Cone Double Seal Urethane Gasket



## 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%.
- Test results indicate that this new pulse distribution method provides enhanced cleaning.
- More efficient operation, longer cartridge life and reduced service requirements.

## 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.



Typical Industry Packed Media Pleats



HemiPleat Breathable Media Pleats



## 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 Series® Options

The dust collector individually customized for your special needs.



Abrasive resistant inlet, top mount fan, silencer and safety monitoring filter.



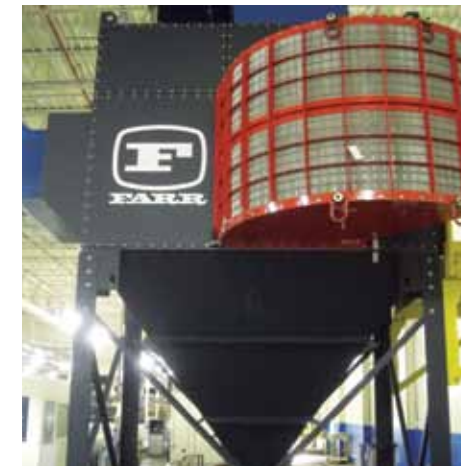
Top mount fan with premium efficiency motor, platform and ladder, silencer and explosion vent with blast deflector.



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.



NFPA compliant flameless indoor explosion venting.



Explosion Vent-ATEX approved and NFPA compliant rupture panel.



Louvered door inlet for cross-flow applications.



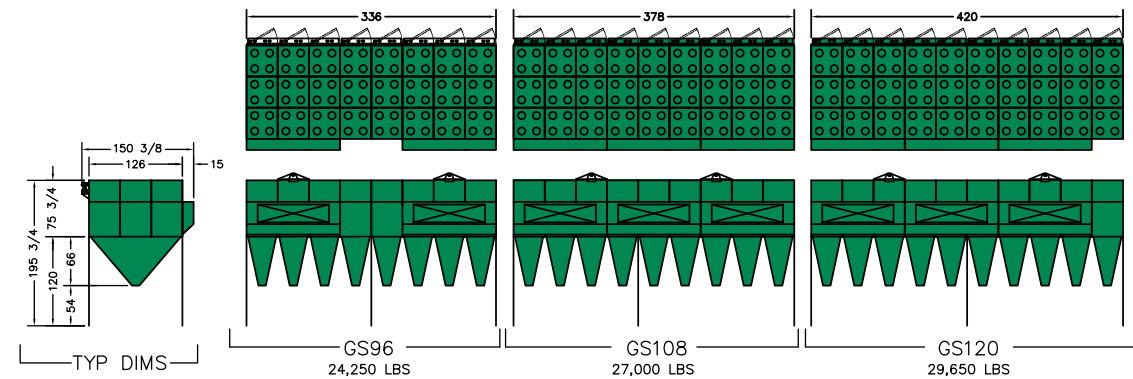
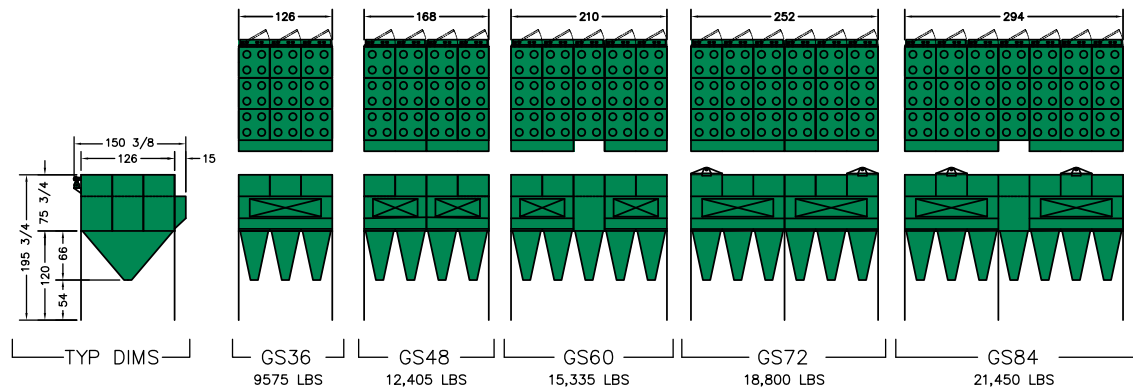
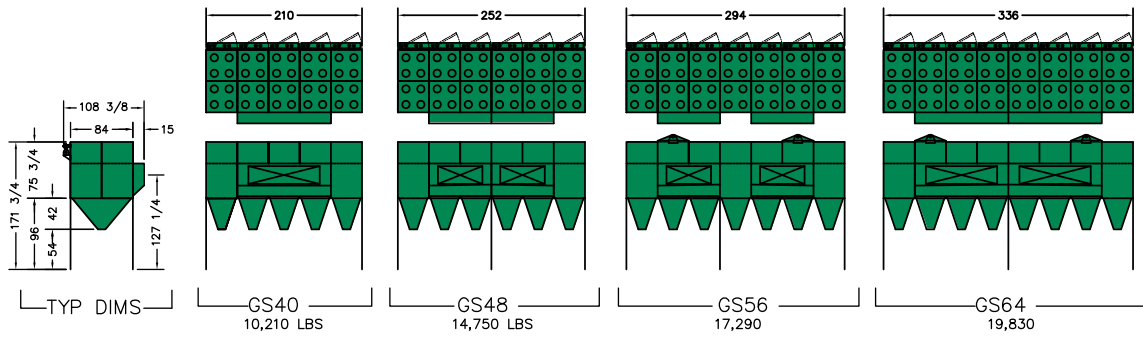
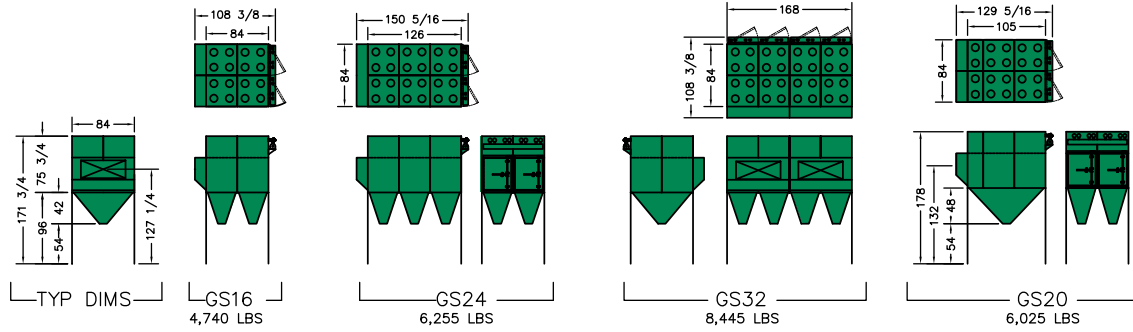
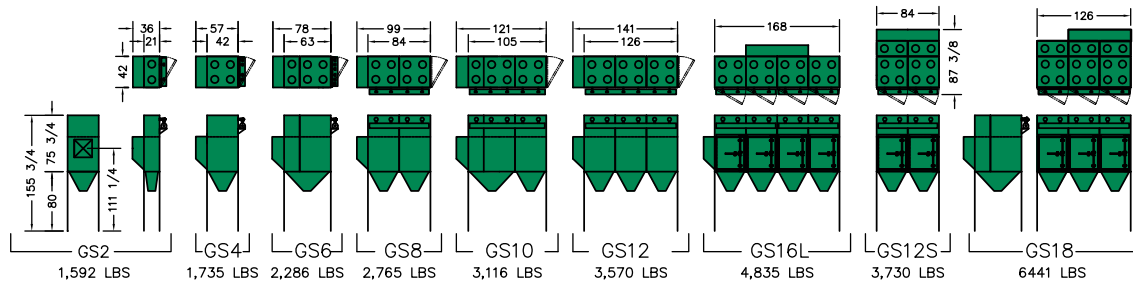
Gold Series with integrated HEPA.



Overbag option for fibrous dusts like paper and fiberglass.



# Gold Series® Models



020312

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

800-479-6801

www.camfilfarrapc.com  
870-933-8048 Jonesboro, AR  
e-mail: filterman@farrapc.com

Model # Code

GS 24  
└─ # of cartridges  
└─ Gold Series



AIR POLLUTION CONTROL