



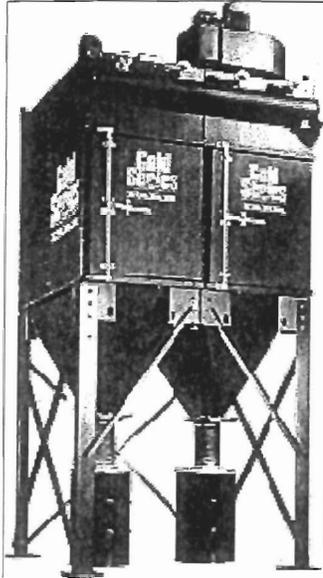
FARR
Air Pollution Control

Date: Mar 11, 2008

Pinion Ridge 365541

QUOTATION**FARR GOLD SERIES®** Modular Dust Collector

- Looks like a safe because it's built like a safe!
- The Gold Series utilizes Gold Cone cartridge technology to deliver clean air and long life while utilizing the smallest floor space of any dust collector available today.
- Enhanced performance features with ease of installation and service make the Gold Series the ultimate choice for cleaning the work environment of irritating dust and fumes.



Model
GS16
Shown

Model: GS72/60**Quantity:** 1**Filter Quantity:** 60**System Volume Rating:** 39,000 CFM @ 10.00 Inches SP**Application:** Ore Dust**Gold Cone® Filters**

- Gold Cone filters have an expanded capacity due to the patented inner cone of filtration media.
- The inner cone provides uniform dispersion of back-pulsed air and opens up more useable space for airflow in the dust collector.
- Multiple filter media options and pleat spacing are available to best suit your specific application and dust.
- All Farr filter media offerings deliver a minimum of 99.99% separation efficiency down to 0.5 micron by weight.

Housing

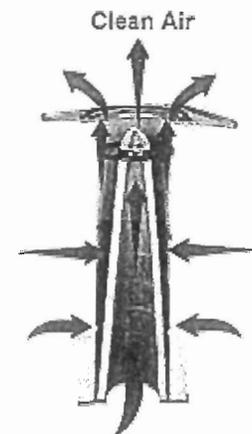
- Gold Series module is constructed of 7 gauge steel.
- Door, hopper, inlet and panels are all of 10 gauge steel.
- Most other dust collectors on the market are only 12 gauge or thinner.
- Hopper has standard 60 degree slope with 10" discharge(s), unless otherwise specified herein.

High Entry Inlet

- Farr's high cross flow inlet eliminates upward can velocities associated with traditional hopper inlets.
- Channel baffles installed in the inlet protect the filters from incoming dust and separates the larger dust particles directly into the hopper, reducing the load on the filters.

Powder Paint Finish

- Baked on, durable Dupont® powder coat paint. All carbon steel components are 5-stage acid washed prior to powder coating for maximum adhesion of the paint. The paint color shall be Farr Green.
- Painted inside and outside for weather/corrosion resistance, unless otherwise specified.



Automatic Filter Cleaning

- Filters are automatically back-flush cleaned with periodic pulses of compressed air.
- Vertical design of the Farr cartridges provides more efficient pulsing of dust, thus eliminating uneven dust loading associated with horizontally mounted cartridges.
- Powerful cleaning system delivers 100% more cleaning energy than horizontal filter designs and includes: 6" compressed air header, nozzled purge pipes, diaphragms, and solenoid valves in NEMA 4 enclosure. Diaphragms are factory plumbed to the solenoids.

Filter Access

- Tool-less quick-open access door(s) to super-fast cartridge change-out system that does not require entry into the collector.
- Cam-operated clamp bars provide easy filter clamping and sealing.
- Most competitive units use a laborious threaded handle system for door removal, in which knobs can be lost and threads can bind.

Support Leg Structure

- 54" clearance under the hopper discharge flange.
- Designed for seismic zone 3 and 100 mph wind load.

HemiPleat Cartridges - Polytech Std Green

- This revolutionary pleat allows 100% of the filter media to remain open for dust capture and improved airflow
- The open pleats also allow the dust to be cleaned better by the pulse system
- Utilizes Polytech Standard Green media providing 19,500 sq. feet for an A/C ratio of 2.0:1

Large Pyramid Hopper

- This optional design reduces the number of dust discharge points for a given model, minimizing collection devices such as drums or bins.

Staggered Channel Inlet Baffle

- Installed in the high entry cross-flow inlet plenum. Provides diffusion of inlet air stream and protects the cartridges from coarse and mildly abrasive materials.

Increase Leg Length - 3 Extra Feet

- Standard hopper clearance is 54 inches. This adder increases the clearance by 3 feet.

Hopper Viewport (8" Dia)

- Hinged, quick-open aluminum view port with Plexiglas window. One per hopper. Provides tool-less access to clean out hopper.

Platform and Ladder

- Provides permanent access to cartridge access doors in the filter module.

Self Dumping Hopper (SDH) - 2 cubic yard capacity

- The SDH provides a hopper that allows the user to remove large volumes of dust from the bottom of the dust collector via a fork truck, and then simply pull a lever to dump the hopper into a larger waste container. Includes sealed lid, 14" slide gate under dust collector, and quick disconnect flex hose.

(3) Special Abrasion Resistant Inlets for Mining

UHMW wear liner for inlets

Heavy Duty Copper solenoid valve connectors.

100 HP Top Mounted Fan - Class IV 406 PLR

Arrangement 4 w/ Outlet damper

(2) Severe Duty Rotary Air Valves -HD 12" R.A.V.

1 HP TENV motor, Mill & Chemical Spec

(2) 12 x 12 Pneumatic Slide Gates

Integrated Control Panel - Main fusible disconnect

100 HP Soft Start; (2) 1 HP Motor Starters w/ short circuit & overload protection

AB programmable Logic Controller

FARR FDC Pulse Controller

(3) H/O/A Selectors for fan and air locks

(3) Motor run pilot lamps

(4) Alarm Indicator lamp

(1) Auto/Off continuous selector for pulse cleaning

Additional set of (60) Gold Cone Filters

Total Price FOB Shipping Point

Freight to Bedrock, CO (budget)

The customer assumes the responsibility for contacting their insurance underwriter and advising Farr APC in regard to specific application requirements of explosion venting or if additional fire protection and safety equipment may be required. The buyer is also cautioned to adhere to prescribed OSHA, NFPA, Federal, State and Local codes and regulations applicable to industrial ventilation systems, which Farr APC equipment may be applied on.
