



VIRGIN[®] enVironMENTAL

Dust Collection & Filtration Services

VIRGIN ENVIRONMENTAL[®] BOOTHS

Virgin Environmental[®] can design, supply and install the correct dust collection and filtration solution for your new or existing abrasive blasting application. Virgin Environmental also manufactures booth and dust collection system packages for:

- Abrasive Blasting
- Metal Spraying
- Powder Coating

Virgin Environmental standard booth construction includes the following:

1. Pressed to bolt together 3mm mild steel outer skin
2. Double insulated with perforated cover inner lining
3. Inlets and outlets to suite all extraction systems
4. Personnel access doors
5. Viewing windows
6. Fluorescent lighting with min of 300 lux.
7. Superior dust extraction design for guaranteed high visibility
8. Manual door locking system



Available additional options include:

1. Pneumatic opening, closing and locking system
2. Pneumatic roof opening for overhead crane
3. Indoor and outdoor weather proof constructions
4. Painted or powder coated exterior finishes
5. 3mm – 5mm steel floor
6. Rubber lining (blast booth)
7. Waffle and sweeping floors with complete recovery systems
8. Internal certified crane rail

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GOLD SERIES DUST COLLECTORS

Gold Series[®] dust collectors feature a new modular design for optimum field flexibility. Each module accommodates airflows up to 5,000 cfm using four cartridges mounted in a symmetrical frame. Additional modules may be added to meet total airflow requirements beyond 100,000 cfm. The Gold Series module is constructed of 7-gauge carbon steel. The door, hopper, inlet and panels are all 10-gauge steel. Most other dust collectors on the market are only 12 gauge.

All Gold Series dust collectors are powder painted for unsurpassed weather and corrosion resistance. Designed in modules, the cross flow inlet, access door, explosion vent and other components can be installed on any side of the module to meet individual needs. The available configurations are virtually unlimited. This gives you a customized dust collector, delivered fast. The vertical design of Farr cartridges provides more efficient pulsing of dust; thus eliminating uneven dust loading associated with horizontally mounted cartridges. Enhanced performance features with exceptional ease of installation and service make the Gold Series the ultimate choice for a clean workplace.



GOLD SERIES FILTER CARTRIDGE

Featuring the Gold Cone in the centre 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.



Virgin Environmental also supply a range of Abrasive Blasting accessories including:

- **Blast Pots, helmets and nozzles**
- **Garnet and steel shot blast media**
- **Dust collector filter cartridges for all makes and models**



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