



### DUST COLLECTION EQUIPMENT

**Applied on Dust and Fumes from Welding, Metal Working, Pharmaceutical, Chemical, Food, Bulk Mixing or similar.**

**6 Cartridge Module with fume/dust capture arms (10' long at 8" dia.)**

To the right is a Standard 7.5 hp. 6 cartridge Module with arm option to the open face. Cannot use both methods at the same time. Module is equipped with a stack of plates that will seal up the front and force the captured dust/fumes through the arms OR the arms have dampers that can close and the unit converts to a standard open face Environmental Work Station.

Below illustrates the 8 cartridge 10 hp. Unit with 12" or 14" inlets for ductwork applications.



- Ultra High Efficiency Dry Collector Cartridges (99.97%) eliminate all fumes and dusts that are pulled through the cartridges.

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- Fume Capture Arms offer the "point capture" that OSHA would like to see on most applications if possible).

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- The Module is Automatic Self Cleaning with the use of a small amount of compressed air that is PULSED down inside the cartridges to pulse the dust off down into the receiving cart and boxes below. Then disposal of dust is easy.

**MANUFACTURED IN THE U.S. WITH AMERICAN COMPONENTS.**

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### Specifications:

- 1) Construction to be on 14 ga. all welded construction with primed and finish enamel paint coating inside and out.
- 2) Standard Cartridges to be 80/20 Cellulose/Polyester, vertically mounted and 180-200 sq.ft. each for maximum pleat opening and pulse dust release.
- 3) 6 or 8 Cartridge Modules with 5 hp., 7.5 hp. or 10 hp. Options.
- 4) Foam Silencer padding in the blower/motor cabinet.
- 5) Roll Out Cart on Casters that contain boxes (cardboard or other material) that collects the pulsed off dust from the cartridges.
- 6) Each cartridge to have individual Goyen Pulse Adjustable Throat Venturi for maximum pulse energy to clean off the lightest dusts.
- 7) Each cartridge to have individual Goyen Pulse Expansion Cone for maximum pulse energy to clean off the lightest dusts through the entire length of the cartridge.
- 8) Each 6 Cartridge Module to have a fully automatic Goyen DIGITAL Pulse Controller that can auto demand pulse at least 4 additional modules and have 10 option settings and multiple alarm outputs (screen visible).
- 9) Unit to have Solenoids pre wired to back wall.
- 10) Optional Magnetic Starter with 110 volt pulse output.

FOR DIRECT DUCT CONNECTION..... Each Module to have optional "Double Inlet Design" that allows for "Source Capture" connection points with cut off gates at both ends OR "Total Front Entry" for front capture of dusts. The Total Front Entry Feature must have adjustable Plank Design that can moderate the amount of air entering the front versus the Source Capture Points.



Module set up with spaced Inlet Grill Feature.

LOW PROFILE (7'8" TALL), 8 CARTRIDGE MODULE WITH DUCTED OPTION OR FRONT ENTRANCE INLET. 10 HP. 6,000 TO 7,000 CFM

Opened Unit showing Dust Collection Boxes below the Cartridges. Boxes are in "Roll Out" Cart that allow easy access to collected dust.

