



The Most Advanced Dust Collector Media Ever Made

- Poly-Tech™ media's filtration efficiency is MERV 10 - MERV 16 per ASHRAE 52.2.
- The Gold Series® meets the 5 mg/m³ 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.

Standard Features & Benefits —

- Fully assembled and prewired unit – fan, controls, motor starter, filters and cleaning system
- 3 HP – 1,000 CFM at 9" w.c.
- HemiPleat® Nano Fire Retardant cartridges with 788 total sq. ft of media standard
- Automatic, reverse pulse cleaning system for long cartridge life, prewired to on demand pressure control panel
- Built-In spark trap inlet to protect cartridges
- Easy to remove aluminum dust drawers
- Tool-less cam-lock cartridge removal
- Built-In safety monitoring filter
- 24 VDC contact for remote start from other equipment like a laser table or robot weld cell
- NEMA 4 rating on electrical enclosures
- Cleaning system requirements 15 scfm of clean, dry compressed air at 90 psi
- Rugged 10 ga. Construction
- Housing rated for ± 1 psi
- Weight: 1,400 lbs
- Media area: 788 sq. ft.
- Efficiency: MERV 10 - MERV 16 per ASHRAE 52.2
- Silencer designed for 70 dBA maximum

Filter Media Options:

197 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

Specifications

Silencer reduces fan noise to under 70dBA.

NEMA 4 rating on electrical enclosures, and is available in 208 and 230/460 or 575V (600) VAC, 60hz, 3 phase.

Reverse pulsing system is mounted on the inside of clean air plenum to reduce footprint and noise.

High entry cross-flow inlet with 10" diameter collar and spark trap.

HemiPleat® cartridges are easy to remove with tool-less cam-lock system.

ASHRAE or HEPA after-filter for recirculation of interior air.

3 hp fan runs at 1800 rpm for better efficiency.

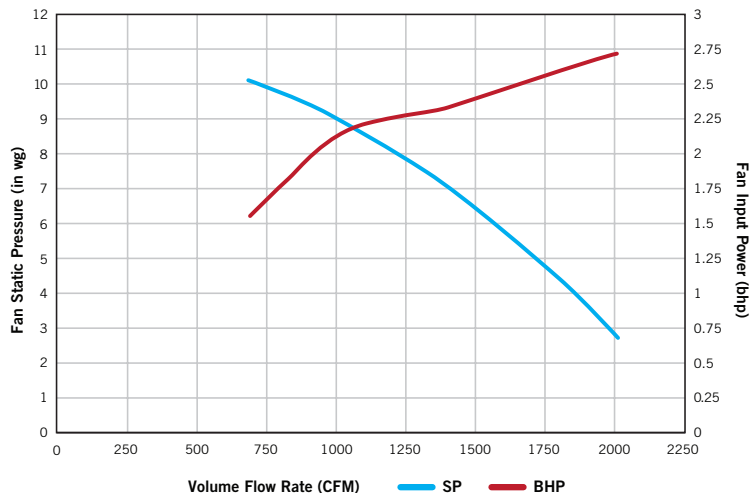


Aluminum drawers empty easy

Features easy opening cam-lock door for maintenance friendly filter access. The entire unit is constructed from 10 ga. steel and is powder coated inside and out for corrosion resistance.

Specifications

Fan Curve for 3 hp, 1,800 rpm fan - Other options available.

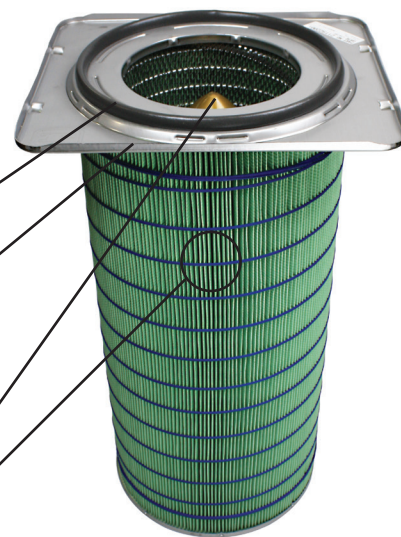


HemiPleat® Gold Cone™ Filter Cartridge

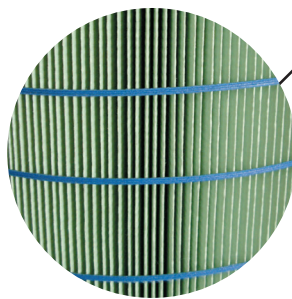
Gold Cone™ Pour-In-Place Urethane Gasket

Factory Bonded Steel Top and Bottom Headers

Exclusive Gold Cone™ Technology



Separator Bead Ensures Uniform Pleat Spacing of High Efficiency Media



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