

## MODEL PL-5000-4

**Filter Cartridges:** (4) EX-14D52-B16-SF

**Media Area:** 2,048 sq. ft.

**Dimensions:** 83" D x 30" W x 97" H  
(motor adds between 14" - 24")

**Weight:** 2,760-3,450 lbs.\*

### Equipment:

**eTell™ Intelligent Controls:** Forget about your dust collectors. They'll let you know when they need something. They are predictive, cloud-based, and smart.

**SafeSensor™:** Particulate Monitoring Device

**Endurex™ B16 Media:** Merv 16 PTFE membrane laminated to polyester spunbound substrate. RMO technology to provide maximum efficiency and particulate release.

**High Performance Acoustical Silencing**

**Heavy Duty Construction:** Fully welded 11 gauge steel

**Dynamic Pulsing System:**

Patent Pending, double-pulse filter cleaning system

Offline Pulse – 12.24 SCFM\*\*

Online (Dynamic Pulse) – 6.35 SCFM\*\*\*

**Vertical Filter Design**

**Extra Deep Dust Drawer**

**Nema 4X Super Seal Doors and Control Panel Enclosure**

**UL Listed Controls**

**Complete Packaged Product**

**Warranty:** 15 years on the cabinet; 5 years on components  
(See warranty document for details)

### Configuration Options:

**Hopper & Short Legs w/ 20 Gallon Drum** adds 51" to height

**Hopper & Long Legs w/ 55 Gallon Drum**  
adds 69" to height (Recommended for heavy loading applications)

**Rotary Air Lock** adds 81" to height

**Chimney Silencer** adds 30" to height

**Full top Silencer** adds 36" to height

**Vortex Package** adds 56" to height and 39" to width

### Options:

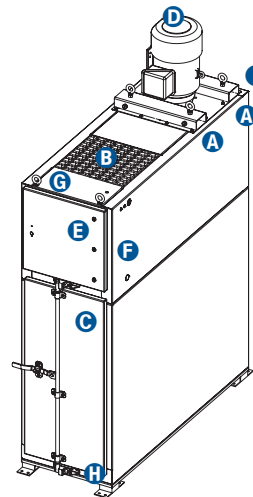
**Delta3™ SparkOut Spark Arrestor**

**Supprex-200™:** A completely engineered fire suppression system activated by heat, creating a safer work environment

**eDrive™:** Automatically adjust the airflow via a flow monitor and VFD to extend filter life and reduce energy cost by up to 30%

**AutoSaver™:** The Auto On/Off feature that reduces energy costs by running the filtration system ONLY when the cutting system is turned on

**Voltage Upgrades: 208, 230 or 575 Volts**



**A** Fork Pockets

**B** Clean Air Exhaust

**C** Filter Access Door

**D** Motor

**E** Electrical Enclosure

**F** Compressed Air & Solenoid Access

**G** Compressed Air Connection 3/4" NPT

**H** Dust Tray

(inside Filter Access Door)

**I** Blower Access (on back)

Motor/Blower Configuration	CFM@IN S.P.	Air to Cloth Ratio	F.L. Amps @ 480V
(1) 7.5 HP 18 @ 30%	1550 @ 15	0.8:1	11.0
(1) 5 HP 18 @ 30%	1950 @ 10	1.0:1	7.6
(1) 7.5 HP 20 @ 30%	2400 @ 15	1.2:1	11.0
(1) 7.5 HP 20 @ 30%	3000 @ 10	1.5:1	11.0
(1) 10 HP 20 @ 40%	3150 @ 15	1.5:1	14.0
(1) 10 HP 20 @ 40%	3950 @ 10	1.9:1	14.0
(1) 15 HP 20 @ 55%	4250 @ 15	2.1:1	21.0

\* Weight does NOT include Intakes or any custom options that may be added. For project specific weights, contact the Engineering department.

\*\* Every time the blower turns off: 15 cycles x 10 filters x 10 second intervals = 25 minutes at 12.24 SCFM

\*\*\* When the Online Pulse Threshold (typically 1kpa Filter DP) is exceeded: 6.35 SCFM until DP drops below Threshold. The amount of time over the Threshold (Online Pulsing active) is dependent on specific application filter loading.