

### MODEL

## DTS-5000-4

**Filter Cartridges:** (4) EX-14D52-A15-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™ A15 Media:** Blended, non-woven, Merv 15 media with nano fiber technology to provide maximum efficiency.

**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**

**eQ™ Air Quality Monitoring System**

**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

**Filter Options:**

Endurex M11: Merv 11 Filters

Endurex D12: Merv 12 Filters (for oily applications)

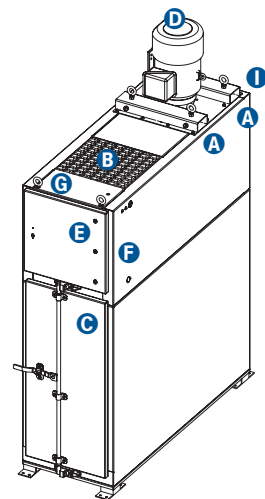
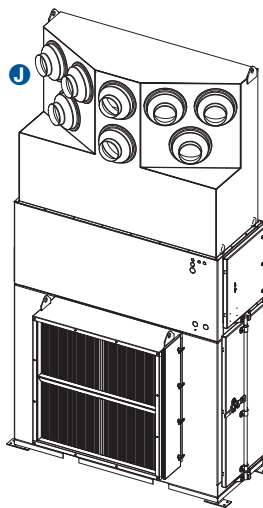
Endurex W13: Merv 13 Filters

Endurex B16: Merv 16 ePTFE Filters

Endurex H17: Merv 17 ePTFE Filters

**WeldPro Hood Package**

**ICE Package:** Integrated Cooling Equipment



**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)

**J** Vortex Plenum (option)

### 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

(1) 15 HP 20 @ 55%

5350 @ 10

2.6:1

21.0

(1) 20 HP 20 @ 65%

5000 @ 15

2.4:1

27.0

### Vortex - Ambient Air Filtration Applications

(1) 15 HP 20 @ 60%

6300 @ 7

3.1:1

21.0

(1) 15 HP 20 @ 60%

5750 @ 10

2.8:1

21.0

(1) 20 HP 20 @ 80%

6050 @ 15

3.0:1

27.0

(1) 20 HP 20 @ 70%

7200 @ 7

3.5:1

27.0

(1) 20 HP 20 @ 70%

6550 @ 10

3.2:1

27.0

\* 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.