

### MODEL

## DTS-10000-8

**Filter Cartridges:** (8) EX-14D52-A15-SF

**Media Area:** 4,096 sq. ft.

**Dimensions:** 83" D x 49" W x 97" H  
(motor adds between 15" - 28")

**Weight:** 3,740-4,660 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 82" to height

**Chimney Silencer** adds 30" to height

**Full top Silencer** adds 37" to height

**Vortex Package** adds 62" to height and 43" 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

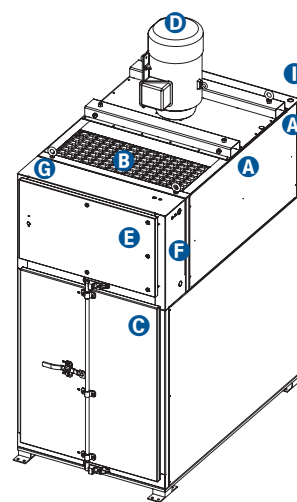
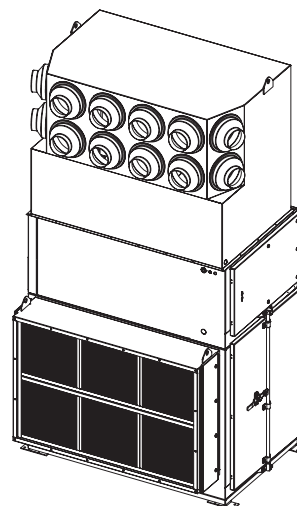
Endurex D12: Merv 12 Filters (for oily applications)

Endurex W13: Merv 13 Filters

Endurex B16: Merv 16 ePTFE Filters

Endurex H17: Merv 17 ePTFE Filters

**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 1" 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) 10 HP 24 @ 30%

3350 @ 15

0.8:1

14.0

(1) 10 HP 24 @ 30%

4200 @ 11

1.0:1

14.0

(1) 15 HP 24 @ 30%

5150 @ 10

1.3:1

21.0

(1) 15 HP 24 @ 30%

4500 @ 15

1.1:1

21.0

(1) 20 HP 24 @ 30%

5900 @ 10

1.4:1

27.0

(1) 20 HP 24 @ 40%

6200 @ 15

1.5:1

27.0

(1) 25 HP 24 @ 56%

9050 @ 10

2.2:1

34.0

(1) 30 HP 24 @ 56%

8950 @ 15

2.2:1

40.0

(1) 25 HP 24 @ 56%

9600 @ 7

2.3:1

34.0

(1) 30 HP 24 @ 56%

9900 @ 10

2.4:1

40.0

(1) 40 HP 24 @ 78%

11600 @ 15

2.8:1

52.0

### Vortex - Ambient Air Filtration Applications

(1) 30 HP 24 @ 56%

9900 @ 10

2.4:1

40.0

(1) 40 HP 24 @ 78%

11600 @ 15

2.8:1

52.0

\* 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.