

MODEL

DTS-13000-10

Filter Cartridges: (10) EX3-16D52-A15-SF

Media Area: Comparable to 7,600 sq. ft.

Dimensions: 105" D x 52" W x 97" H
(motor adds 30")

Weight: 4,320-5,230 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 61" to height

Hopper & Long Legs w/ 55 Gallon Drum
adds 80" to height (Recommended for heavy loading applications)

Rotary Air Lock adds 92" to height

Chimney Silencer adds 30" to height

Full top Silencer adds 50" to height

Vortex Package adds 62" to height and 55" 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)

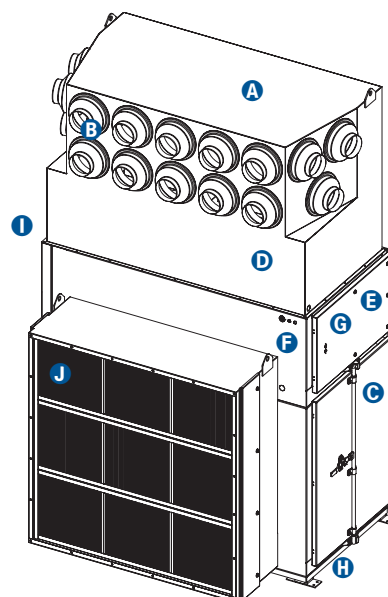
Endurex W13: Merv 13 Filters

Endurex B16: Merv 16 ePTFE Filters

Endurex H17: Merv 17 ePTFE Filters

ICE Package: Integrated Cooling Equipment

- A** Integrated Silencer Plenum
- B** Vortex Return Air Nozzles
- C** Filter Access Door
- D** Motor (Inside Silencer Plenum)
- 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)
- J** Vortex Intake Plenum



Motor/Blower Configuration	CFM@IN S.P.	Air to Cloth Ratio	F.L. Amps @ 480V
(1) 15 HP 24 @ 30%	4650 @ 15	0.9:1	21.0
(1) 15 HP 24 @ 30%	5400 @ 10	1.1:1	21.0
(1) 20 HP 24 @ 30%	5650 @ 15	1.1:1	27.0
(1) 25 HP 30 @ 32%	9350 @ 10	1.8:1	34.0
(1) 25 HP 30 @ 32%	8250 @ 15	1.6:1	34.0
(1) 30 HP 30 @ 50%	10100 @ 15	2.0:1	40.0
(1) 30 HP 30 @ 50%	12400 @ 10	2.4:1	40.0
(1) 40 HP 30 @ 50%	12500 @ 15	2.4:1	52.0

Vortex - Ambient Air Filtration Applications

(1) 40 HP 30 @ 50%	14950 @ 7	2.9:1	52.0
(1) 40 HP 30 @ 50%	14100 @ 10	2.8:1	52.0
(1) 50 HP 30 @ 50%	14150 @ 15	2.8:1	65.0
(1) 50 HP 30 @ 66%	19600 @ 7	3.8:1	65.0
(1) 50 HP 30 @ 66%	18400 @ 10	3.6:1	65.0
(1) 50 HP 30 @ 66%	16150 @ 15	3.2:1	65.0

* 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.