

## MODEL

# DT4-15000-10

**Filter Cartridges:** (10) PL2-14D52-xxx-SF  
EX2-14D52-xxx-SF

**Media Area** (comparable): 2,160-4,670 sq. ft.

**Dimensions<sup>(1)</sup>:** 104" D x 57" W x 116" H  
Motor adds 27" (max motor height)

**Weight:** 4,752-5,753 lbs.<sup>(2)</sup>

### Equipment:

**ePad™ Controls:** Control of all aspects of the collector's functions including the blower, filter differential pressure and filter pulsing system.

**SafeSensor™:** Particulate Monitoring Device

**PleatLock 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

**Filter Pulsing:**

Offline Pulse – 12.24 SCFM<sup>(3)</sup>

Online Pulse – 6.35 SCFM<sup>(4)</sup>

**Extra Deep Dust Drawer**

**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 98" to height

**Chimney Silencer** adds 26" to height

**Full top Silencer** adds 42" to height

**Vortex Package** adds 63.5" to height and 30" to width (SAP)

### Options:

**Delta3™ SparkOut Spark Arrestor**

**FM-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

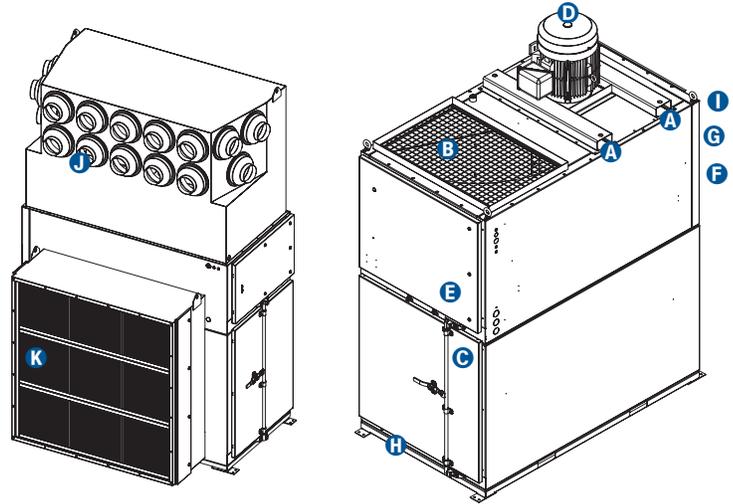
**Voltage Options:** 208, 230, 480 or 575

**Filter Options:**

Endurex M11: Merv 11 Filters

Endurex A15: Merv 15 Filters

Endurex B16: Merv 16 ePTFE Filters



- A** Fork Pockets
- B** Clean Air Exhaust
- C** Filter Access Door
- D** Motor
- E** Electrical Enclosure
- F** Compressed Air & Solenoid Access (on back)
- G** Compressed Air Connection 1" NPT
- H** Dust Tray (inside Filter Access Door)
- I** Blower Access (on back)
- J** Vortex Plenum (option)
- K** Air Intake

Motor	CFM@IN S.P.	Air to Cloth Ratio <sup>(5)</sup>	F.L. Amps @ 480V
(1) 20 HP	6,000 @ 10"	1.3 - 2.8	27.0
(1) 25 HP	6,000 @ 15"	1.3 - 2.8	34.0
(1) 20 HP	7,000 @ 10"	1.5 - 3.2	27.0
(1) 30 HP	7,000 @ 15"	1.5 - 3.2	40.0
(1) 25 HP	8,000 @ 10"	1.7 - 3.7	34.0
(1) 30 HP	8,000 @ 15"	1.7 - 3.7	40.0
(1) 40 HP	8,000 @ 18"	1.7 - 3.7	52.0
(1) 25 HP	9,000 @ 10"	1.9 - 4.2	34.0
(1) 40 HP	9,000 @ 15"	1.9 - 4.2	52.0
(1) 30 HP	10,500 @ 10"	2.2 - 4.9	40.0
(1) 40 HP	10,500 @ 15"	2.2 - 4.9	52.0
(1) 40 HP	12,000 @ 10"	2.6 - 5.6	52.0
(1) 50 HP	12,000 @ 15"	2.6 - 5.6	65.0
(1) 60 HP	12,000 @ 18"	2.6 - 5.6	77.0
(1) 40 HP	13,500 @ 10"	2.9 - 6.3	52.0
(1) 50 HP	13,500 @ 15"	2.9 - 6.3	65.0
(1) 40 HP	15,000 @ 10"	3.2 - 6.9	52.0
(1) 60 HP	15,000 @ 15"	3.2 - 6.9	77.0
(1) 50 HP	16,500 @ 10"	3.5 - 5.3	65.0
(1) 60 HP	16,500 @ 15"	3.5 - 5.3	77.0

<sup>(1)</sup> Overall height dimensions based on distance from foot pad to top of fork pocket. Collector dimensions do not reflect OSHA recommended clearance required around unit.

<sup>(2)</sup> Weight does NOT include Intakes or any custom options that may be added. For project specific weights, contact the Engineering department.

<sup>(3)</sup> Every time the blower turns off: 15 cycles x 10 filters x 10 second intervals = 25 minutes at 12.24 SCFM

<sup>(4)</sup> 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.

<sup>(5)</sup> Air-to-Cloth ratio dependant upon filter media selection. Range shown reflects available media options.