MODEL
DT4-4500-3

Filter Cartridges: (3) PL2-14D52-xxx-SF
EX2-14D52-xxx-SF

Media Area (comparable)**:** 660-1,413 sq. ft.

Dimensions[(1)]**:** 67" D x 30" W x 97" H
Motor adds 18" (max motor height)

Weight: 2,300-2,990 lbs.[(2)]

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[(3)]
Online Pulse – 6.35 SCFM[(4)]

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 41.5" to height

Hopper & Long Legs w/ 55 Gallon Drum adds 60.5" to height (Recommended for heavy loading applications)

Rotary Air Lock adds 78.5" to height

Chimney Silencer adds 27" to height

Full top Silencer adds 33" to height

Vortex Package adds 53" to height and 15" 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
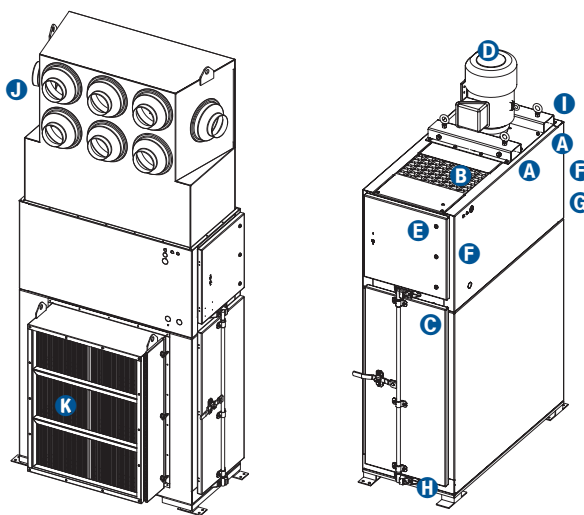
Voltage Options: 208, 230, 480 or 575

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 3/4" 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[(5)]	F.L. Amps @ 480V
(1) 7.5 HP	2,000 @ 10"	1.4 - 3.1	11.0
(1) 7.5 HP	2,500 @ 10"	1.8 - 3.9	11.0
(1) 10 HP	3,000 @ 10"	2.1 - 4.6	14.0
(1) 10 HP	3,500 @ 10"	2.5 - 5.4	14.0
(1) 15 HP	4,000 @ 10"	2.9 - 6.2	21.0
(1) 15 HP	4,500 @ 10"	3.2 - 6.9	21.0
(1) 15 HP	5,000 @ 10"	3.6 - 5.3	21.0
(1) 20 HP	5,000 @ 15"	3.6 - 5.3	27.0
(1) 20 HP	6,000 @ 10"	4.3 - 6.4	27.0
(1) 25 HP	6,000 @ 15"	4.3 - 6.4	34.0

[(1)] 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.

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

[(3)] Every time the blower turns off: 15 cycles x 10 filters x 10 second intervals = 25 minutes at 12.24 SCFM

[(4)] 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.

[(5)] Air-to-Cloth ratio dependant upon filter media selection. Range shown reflects available media options.