

MODEL

DFS-12000-12

Filter Media: 4,260 sq. ft.

Filter Cartridges:

(12) EX-14D36-A15, Nanofiber filter media

Motor/Blower Configuration:

Air Foil, Direct Drive, Silenced

Pulse Valve: (2) 1.5" Electronically Actuated Solenoid

Compressed Air Requirements: 2.6 SCFM On-Line

Pulse; 15.6 SCFM Off-Line Pulse @ 80 PSI

Silencing: Integral Acoustical Plenum with Low Frequency Dampening

Door Clearance: Minimum 45"

Weight: 2,660-2,870 lbs.*

Dimensions: 124" W x 60" D x 60" H

Particle Containment: Dust Tray (Standard)

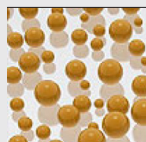
eTell Controls: Included

* Weight does NOT include Intakes or any custom options that may be added. For project specific weights, contact the Engineering department.

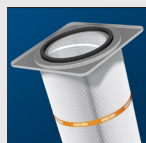
Equipment:



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.

Heavy Duty Construction: Fully welded 11 gauge steel

Dynamic Pulsing System: Patent Pending, double-pulse filter cleaning system to deliver consistent pulsing across the entire filter and superior dust release

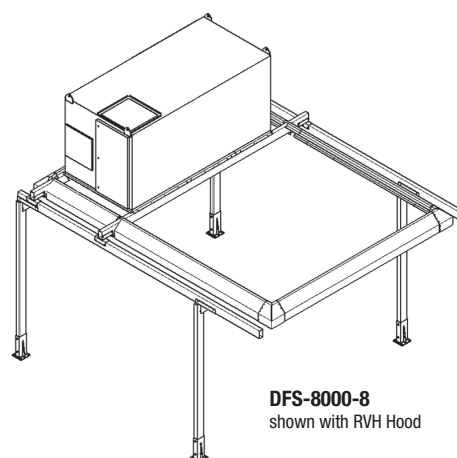
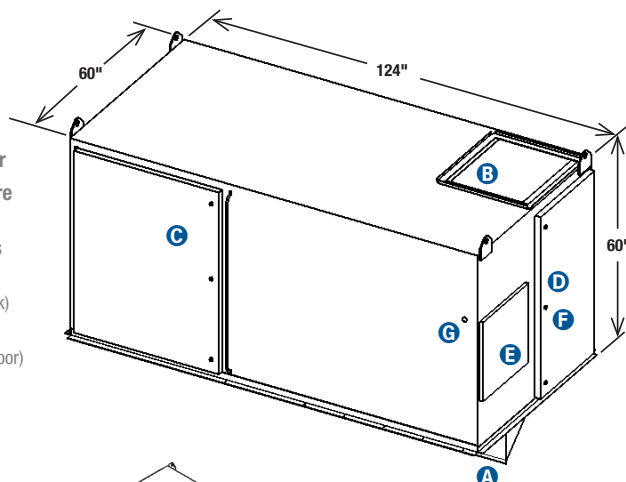
Nema 12 Super Seal Doors and Control Panel Enclosure

Extra Deep Dust Drawer

480 Volt Electrical

Warranty: 15 years on the cabinet; 5 years on components (See warranty document for details)

- A** Inlet Area
- B** Clean Air Exhaust
- C** Filter Access Door
- D** Motor Access Door
- E** Electrical Enclosure
- F** Compressed Air & Solenoid Access
- G** Compressed Air Connection (on back)
- H** Dust Tray (inside Filter Access Door)



DFS-8000-8
shown with RVH Hood

Motor/Blower Configuration		CFM@IN S.P.	Air to Cloth Ratio	F.L. Amps @ 480V
(1) 15 HP	20" @ 60%	5300 @12.0"	1.2:1	21.0
(1) 20 HP	20" @ 70%	5900 @13.0"	1.4:1	27.0
(1) 20 HP	22" @ 45%	5400 @15.0"	1.3:1	27.0
(1) 25 HP	22" @ 70%	8300 @17.0"	1.9:1	34.0

Options:

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

Supprex-200™: A completely engineered fire suppression system activated by heat, creating a safer work environment

Voltage Upgrades: 208, 230 or 575 Volts

Filter Options:

Endurex M11: Merv 11 Filters
Endurex D12: Merv 12 Filters (oily applications)
Endurex W13: Merv 13 Filters
Endurex B16: Merv 16 ePTFE Filters
Endurex H17: Merv 17 ePTFE Filters

HEPA After Filters

Acoustical Sound Plenum: Reduces Sound Levels up to 50%.