



DIVERSIFIED STORAGE SYSTEMS

(888) SILO-SYS (888) 745-6797

# AIR MAX 150 DUST COLLECTOR



## Collector Specifications

Total Filtration Area	150 Sq. Ft.
Air to Cloth Ratio (ACFM/Sq.')	2.5
Pressure Drop (in. H 2O)	6"
Air Capacity	375 C.F.M.
Outlet Area (Sq.')	.58
Cleaning Method	Shaker Plate
Vibrator (Air or Electric)	Rotary Style
Vibrator Air Consumption (High Press.)	8 CFM (Max)
Vibrator Power	120 V/ 1 ph
Duty Cycle	1.5 hours
Normal Operating Pressure	8 - 15 PSI *
Max Operating Pressure	20 PSI *
Over pressure relief settings	18 PSI *

*\* Dust Collector performance is measured by load line back pressure gauge. Truck line pressure gauge is acceptable for determining operating pressures. (See \*† Below)*

## Filter Bag Specifications

Filter Bag Count	18 hung style
Replacement Filter Bag Model #	DC150S
Dimensions	8" OD X 48" Height
Filter Area (Per)	8.33 Sq. '
Material Weight	9 oz. / Sq. Yd.
Fiber	100% Polyester
Construction	Spun/Spun
Permeability	25 c.f.m.
Mullen Burst Dry	500 PSI
Temperature Limit	275 Deg. F.
Efficiency (PM-10)	99.99%

## Vibrator Specifications

<b>Air Vibrator</b>	Model V-190
VPM @ 60 PSI	4200
CFM @ 60 PSI	7.5 CFM
Noise @ 60 PSI	70 db
Control	Manual
<b>Electric Vibrator</b>	Model 2P-75
Voltage/amps	115v/0.5 amp
VPM	3600
Noise	60 db.
Control	Auto/Manual

## Collector Performance (PM-Reg.)\*\*

0.5 - 1.0 Micron	99.9 % Passing	0.10 % Retained
1.0 - 20.0 Micron	0.02 % Passing	99.98 % Retained
> 20.0 Micron	0.01% Passing	99.99 % Retained

\*\* Typical Portland Cement is 44 Micron

\*† Dust Collector performance can be reduced or fail if silo is overfilled. Warranty is voided if there are no silo overfill or overpressure preventing systems installed. Standard one year warranty for all actuating parts and timers (not filters). Magnehelic gauge is optional if needed.

## Mounting Options

- Bin Vent Mount (Silo Top)
- Base Mount (Optional Base Needed)
- Trailer Mount (Portable Applications)

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