



DIVERSIFIED STORAGE SYSTEMS
 (888) SILO-SYS (888) 745-6797

AirMax 225 S Dust Collector



Collector Specifications

Total Filtration Area	225 Sq. Ft.
Air to Cloth Ratio (ACFM/Sq.')	2.5
Pressure Drop (in. H 2O)	6"
Air Capacity	675 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 on Truck	8 - 13 PSI *
Filter Servicing Pressure on Truck	15 PSI *
Over-pressure relief settings on Truck	18 PSI *

* Dust Collector performance is measured by the back pressure gauge on truck product line. 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 #	DC 225S
Dimensions	8" OD X 72" 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

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

*DSS recommends filters be vibrated for 30 seconds after each filling cycle. If on Auto timer should be 4 times a day for 30 seconds.

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

Mounting Options

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

*† 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.

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