

Goff, Inc.

Specifications – 1850 Dust Collector



8" Inlet 5" x 8" Outlet Outlet area is 0.166 square feet

Contains 18 tube type bags 4 1/2" diameter x 50" long. Total cloth area is 88 square feet.

Air Velocity	Approx. 4000 FPM with clean bags
Bag Composition	100% Polyester Felt
Bag Weight	16 oz / 1 square yard
Bag Thickness	0.040 – 0.060 inches
Mullen Burst	450 PSI minimum
Air Perm	20-30 CFM @ 1/2 H ₂ O
Filtering Velocity	4.09 – 6.14 FPM
Maximum Temperature	275°F

Bag Resistance To:

Abrasion	Excellent
Dry Heat	Good
Moist Heat	Fair
Mineral Acids	Good
Organic Acids	Good
Alkalies	Good
Oxidizing Agents	Good
Solvents	Excellent

Static Pressure on Clean Air Side of Collector – 4.00"

Static Pressure on Dirty Air Side of Collector – 3.75"

Static Pressure Drop – 0.25"

(Note: Tests made on clean bags, pressure drop would be greater as bags cake up.)

Blower CFM	975CFM
Wheel Diameter	12" Diameter x 2 7/8" Wide
Blower Horsepower	2 HP

Dust Collector CFM	975 x 80% efficiency = 780 CFM.
Air-to-Cloth Ratio	8.86 to 1780/88 = 8.86
Particulate Efficiency	99.9% efficient to 1 micron.



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