

LIDDELL

DUST COLLECTION

RAB (Reverse Air Bag) Dust Collection Systems

- Reverse air cleaning system with a 99.9 percent cleaning efficiency at a 6" design static pressure drop.
- Ideal moisture content - 0.
- Heavy duty blower system includes a TEFC motor with sheaves, belts and safety guard.
- 12 ounce polyester (combo) filter bags w/ felt finish are snap in bottom with hanger style tops.
- (2) reverse air mechanisms complete with air cylinders and solenoids
- (1) access door for each compartment for easy access to filter media.
- Minihelic gauge for visual inspection of filter media, tells you when bags are clogged.
- Safety deck at service door level with handrails and toe boards.
- Safety features include a safety ladder from base to housing top, handrails and toe boards on housing top.
- Frame is constructed of heavy duty tubular steel.
- Housing is constructed of 10 gauge steel.
- Hopper with (2) dust inlets, inspection door and air vibrator.
- 8" "Bray" butterfly discharge valve with actuator and solenoid.
- Adjustable solid state (digital) control panel for duration and cycle times. Motor starters and disconnect included.
- Wired and tested prior to shipment.
- All equipment is treated with a zinc primer and painted with polyester polyurethane paint.



937-747-4300

www.SterlingConcreteEquipment.com

LIDDELL D U S T C O L L E C T I O N

Please refer to the following chart for individual model specifications.

	RAB-1000	RAB-1400	RAB-1700	RAB-2100	RAB-2850	RAB-3450
Compartments	2	2	2	2	4	4
Blower H.P.	10	15	20	20	25	30
CFM / Normal						
Air Capacity	5000	6500	8000	10,000	13,000	15,000
Bag Number	48	72	72	108	144	188
Bag Size (Diameter x Length)	8"x114"	8"x114"	8"x138"	8"x114"	8"x114"	8"x138"
Cloth Filtration						
Area / Square Feet	955	1433	1734	2148	2865	3468
Air to Cloth Ratio (ACFM/Sq. Ft.)	5.44	4.61	4.73	4.75	4.68	4.32
Outlet Area - Square Foot	1.91	2.35	2.35	2.91	4.28	5.3
Outlet Velocity - FPS	43.6	46.81	58.16	58.42	52.18	47.17
Length	7'-6"	10'-0"	10'-0"	10'-0"	10'-0"	10'-0"
Width	5'-6"	5'-6"	5'-6"	8'-0"	11'-0"	11'-0"
Height	17'-0"	18'-0"	20'-0"	18'-0"	19'-0"	21'-0"
Weight	5,000 lbs.	6,000 lbs.	6,800 lbs.	7,200 lbs.	11,000 lbs.	12,500 lbs.

Note: Dimensions given are approximate for collectors with standard accessories only.

OPTIONS

Back-In Shrouds
Drive-Thru Shrouds / 1-Way
Drive-Thru Shrouds / 2-Way

7.1/2 H.P. Automatic Recycle System
10 H.P. Automatic Recycle System

3" Return Line

14" Charge Point Ducting Package
16" Charge Point Ducting Package
8" Silo Ducting Packages
Cement Batcher Ducting Package

14" Single Blast Gate
16" Single Blast Gate

14" Double Blast Gate
16" Double Blast Gate



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