



FILTER RECEIVER

PNEUMATIC CONVEYING SYSTEMS



OVERVIEW

Cyclonaire brand filter receivers provide excellent filtration.

Automatic timers clean the filter media with pulse jet reverse flow air, dropping retained material into the process.

A wide array of sizes with custom sizing and features also available.

APPLICATIONS

- Air filtration and dust control

MATERIALS / CHARACTERISTICS

- Any dry Bulk material conveyed pneumatically

CAPACITY

- Up to 403 ft² of filter area (standard)
- Pressure rated to 2 PSIG, vacuum rated to 15" HG

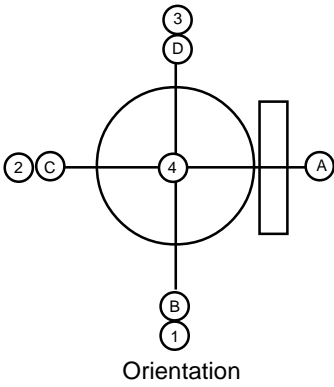
BENEFITS AND FEATURES

- Pulse jet cleaning to maintain media effectiveness
- Hinged door for easy bag access
- Differential pressure gauges for filter service indication
- Standard:
 - Carbon steel (10 gauge welded)
 - NEMA 4 timer controls
 - 16 oz. polyester bags
 - Removable bottom
 - Smooth wire cages and safety grid
 - Support legs and hopper
- Specify:
 - Stainless steel
 - NEMA 4x 7/9
 - Outlet size and style
 - Cartridge filter elements
 - Top removable design
 - Exhaust fan
 - High temperature design
 - Custom sizes and features

REQUIREMENTS

- 90-100 PSIG, 3-10 SCFM air
- 110 VAC, 50-60 Hz

FILTER RECEIVER



Locations Available					Std.
Access Door	A	B	C	D	A
Outlet	1	2	3	4	2
Weather Hood	1	2	3	4	2
Level Sensor	A	B	C	D	B
Hand Hole	A	B	C	D	B

Note:

- 1, 2, 3 and 4 are in clean air plenum
- A, B, C, and D are in dirt air plenum
- Dim. E-choose size from table based on 3000-4000 ft./min gas velocity
- 6" material discharge is standard but not mandatory
- Material inlet size is based on customer requirements

DATA						DIMENSIONS					
MODEL NO.	ARRG.	FILTER AREA SQ/FT.	NUMBER OF BAGS	BAG LENGTH	AIR REQ'D SCFM@ PSIG	E	F	G	H	S	WT
18-FR-8	II	15	8	18	4.0@50-60	3-4	30	17	5	20	450
	III	15	8	18	4.0@50-60	3-4	30	17	5	20	575
36-FR-8	II	35	8	36	4.2@70-80	4-5	30	17	6	38	560
	III	35	8	36	4.2@70-80	4-5	30	17	6	38	685
56-FR-8	II	58	8	58	4.5@90-100	4-6	30	17	7	63	675
	III	58	8	58	4.5@90-100	4-6	30	17	7	63	800
84-FR-8	II	85	8	84	5.0@90-100	4-8	30	17	8	89	825
	III	85	8	84	5.0@90-100	4-8	30	17	8	89	975
*18-FR-14	II	26	14	18	5.2@90-100	5-8	36	20	6	20	525
	III	26	14	18	5.2@90-100	5-8	36	20	6	20	675
*36-FR-14	II	61	14	36	5.5@90-100	5-6	36	20	8	38	525
	III	61	14	36	5.5@90-100	5-6	36	20	8	38	675
*58-FR-14	II	101	14	58	5.8@90-100	5-8	36	20	8	63	825
	III	101	14	58	5.8@90-100	5-8	36	20	8	63	975
*84-FR-14	II	148	14	84	6.2@90-100	6-10	36	20	9	89	1000
	III	148	14	84	6.2@90-100	6-10	36	20	9	89	1200
*18-FR-18	II	34	18	18	6.3@90-100	5-8	42	22	6	20	500
	III	34	18	18	6.3@90-100	5-8	42	22	6	20	700
*36-FR-18	II	79	18	36	6.5@90-100	6-8	42	22	8	38	600
	III	79	18	36	6.5@90-100	6-8	42	22	8	38	800
*84-FR-18	II	130	18	58	6.7@90-100	6-8	42	22	8	63	1000
	III	130	18	58	6.7@90-100	6-8	42	22	8	63	1200
*84-FR18	II	191	18	84	7.0@90-100	8-10	42	22	9	89	1225
	III	191	18	84	7.0@90-100	8-10	42	22	9	89	1450
*58-FR-24	II	173	24	58	7.5@90-100	8-10	48	24	9	63	1200
	III	173	24	84	7.5@90-100	8-10	48	24	9	63	1425
*84-FR-24	II	254	24	84	7.5@90-100	8-12	48	24	11	89	1450
	III	254	24	84	7.5@90-100	8-12	48	24	11	89	1675
*58-FR-30	II	216	30	58	8.0@90-100	8-10	54	26	9	63	1475
	III	216	30	58	8.0@90-100	8-10	54	26	9	63	1750
*84-FR-30	II	318	30	84	8.5@90-100	8-14	54	26	11	89	1700
	III	318	30	84	8.5@90-100	8-14	54	26	11	89	1975
*58-FR-36	II	274	36	58	9.0@90-100	10-12	60	28	10	63	1725
	III	274	36	58	9.0@90-100	10-12	60	28	10	63	2025
*84-FR-36	II	403	36	84	10.5@90-100	10-14	60	28	12	89	2025
	III	403	36	84	10.5@90-100	10-14	60	28	12	89	2325

NOTE: Dimensional data for reference only. Subject to change without notice. All weights are in pounds, all dimensional units are in inches, unless noted.

