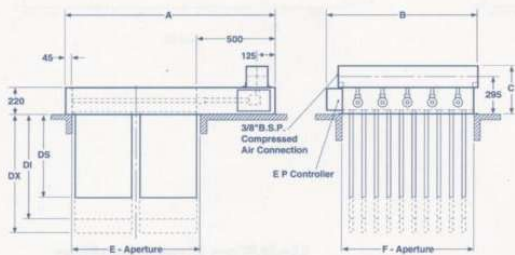


E-Pulse Venting Filter - Model EP



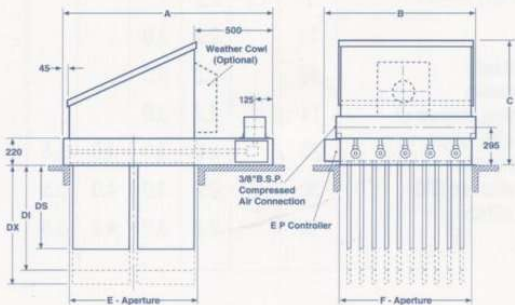
EP-N - The natural Vent unit is designed for applications where the receiving bin or silo is pressure fed and where internal location is possible



Basic Unit Type 'N'

Unit Size m ²	4	6	9	7	10	15	14	20	30	45
Element Rows	1	1	1	1	1	1	2	2	2	3
No. of Elements	6	6	6	10	10	10	20	20	20	30
Dimensions	A	1070	1070	1070	1070	1070	1595	1595	1595	2195
	B	735	735	735	1135	1135	1135	1135	1135	1135
	C	370	370	370	370	370	370	370	370	370
	DS	653			653		653			
	DI		953			953		953		
	DX			1453		1453			1453	1453
	E	525	525	525	525	525	1050	1050	1050	1650
F	600	600	600	1000	1000	1000	1000	1000	1000	
Shipping Data	Case Size	1250	1250	1250	1250	1250	1750	1750	1750	2350
	Case Size	1000	1000	1750	1250	1250	1750	1250	1750	1750
	Case Size	500	500	500	500	500	650	650	650	650
Nett Wt (kg)	105	120	145	175	195	220	250	290	340	460
Gross Wt (kg)	120	135	165	195	215	250	270	310	370	490

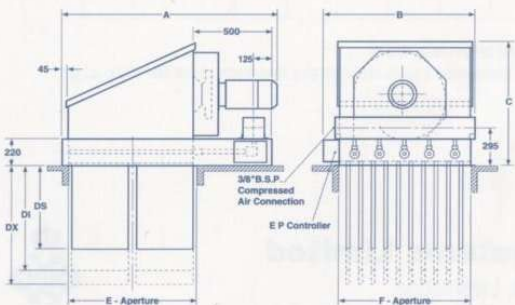
EP-P - The Plenum unit is designed for identical applications as the EP-N but with an outlet plenum which can be fitted with optional weather cowl for external siting or connected by ductwork to remote fan.



Plenum Unit Type 'P'

Unit Size m ²	4	6	9	7	10	15	14	20	30	45
Element Rows	1	1	1	1	1	1	2	2	2	3
No. of Elements	6	6	6	10	10	10	20	20	20	30
Dimensions	A	1070	1070	1070	1070	1070	1595	1595	1595	2195
	B	735	735	735	1135	1135	1135	1135	1135	1135
	C	930	930	930	930	930	930	930	930	930
	DS	653			653		653			
	DI		953			953		953		
	DX			1453		1453			1453	1453
	E	525	525	525	525	525	1050	1050	1050	1650
F	600	600	600	1000	1000	1000	1000	1000	1000	
Shipping Data	Case Size	1250	1250	1250	1250	1250	1750	1750	1750	2350
	Case Size	1000	1000	1750	1250	1250	1750	1250	1750	1750
	Case Size	1100	1100	1100	1100	1100	1100	1100	1100	1100
Nett Wt (kg)	130	145	170	210	230	255	295	335	385	520
Gross Wt (kg)	145	160	190	230	250	285	315	355	415	550

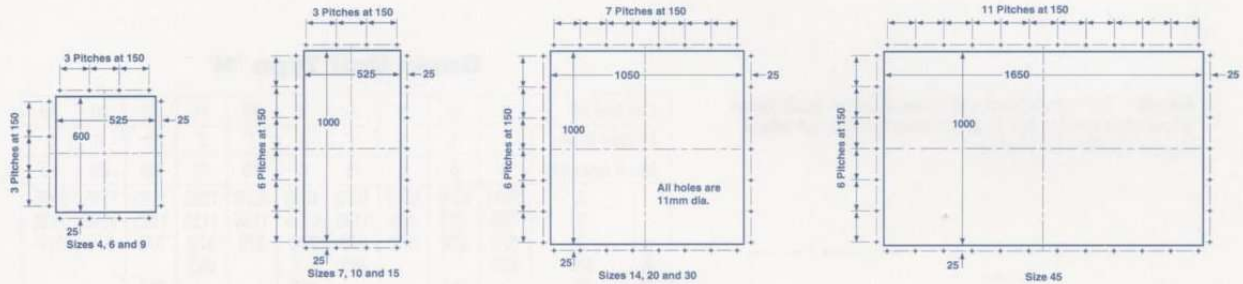
EP-F - The EP-F is fitted with a high efficiency centrifugal fan for systems which are required to operate under negative pressure. In addition to its application for the venting of conveying air the type F can also be utilised for dust control associated with mechanical conveying systems and process machinery. The type F unit is fully weatherproof.



Fan Assisted Unit Type 'F'

Unit Size m ²	4	6	9	7	10	15	14	20	30	45
Element Rows	1	1	1	1	1	1	2	2	2	3
No. of Elements	6	6	6	10	10	10	20	20	20	30
Dimensions	1.1 kw	1070	1070	1070	1070	1070	1595	1595	1595	2195
	2.2 kw				1070					
	A 3.0 kw					1070	1070	1595	1595	1595
	4.0 kw							1637	1637	2237
	5.5 kw							1745	1745	2345
	B	735	735	735	1135	1135	1135	1135	1135	1135
	C	930	930	930	930	930	930	930	930	930
	DS	653			653		653			
	DI		953			953		953		
	DX			1453		1453			1453	1453
	E	525	525	525	525	525	1050	1050	1050	1650
F	600	600	600	1000	1000	1000	1000	1000	1000	
Shipping Data	Case Size	1250	1250	1250	1250	1250	1900	1900	1900	2500
	Case Size	1000	1000	1750	1250	1250	1750	1250	1750	1750
	Case Size	1100	1100	1100	1100	1100	1100	1100	1100	1100
Nett Wt (kg)	150	165	190	255	275	300	365	405	455	590
Gross Wt (kg)	165	180	210	275	295	330	385	425	485	620

E-Pulse Venting Filter - Model EP



Fan Static Pressure Curves

On average application pressure loss across filter fabric is 75-100mm s.w.g. (3-4 inches s.w.g.)
 Fan performance curves show available volume and pressure at unit inlet with clean filter media.



Controller. Fully automatic solid state electronic timer operating solenoid air valves. Factory pre-set, but fully adjustable for pulse duration and pulse interval. Controller contained in weather-proof enclosure and factory wired to solenoid valves.

Electrical Equipment - Controller incorporates transformer enabling outputs of 110V, 220V or 240V/ single phase/ 50Hz Fan Motor - Suitable for operation on 220/ 380/ 415V/ 3ph/ 50Hz

Unit/Fan Combination

Unit Size	Fan Sizes (Kw)			
4	1.1			
6	1.1			
9	1.1			
7	1.1	2.2		
10		2.2	3.0	
15		2.2	3.0	
14		2.2	3.0	
20		2.2	3.0	4.0 5.5
30		2.2	3.0	4.0 5.5
45		2.2	3.0	4.0 5.5

Compressed Air Requirements

Filter Size	4	6	7	9	10	14	15	20	30	45
	Air Volume (Free Air Delivery)									
m³/hr	4.7	4.7	5.4	4.7	5.4	8.5	5.4	8.5	10.1	11.4
ft³/min	2.8	2.8	3.2	2.8	3.2	5.0	3.2	5.0	6.0	6.7

Air consumptions based on average duties.
 A supply of clean, dry compressed air is required at a minimum of 5.4 bar (80 p.s.i.g.).

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We reserve the right to amend specifications without prior notice



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