



# SOUND ATTENUATOR PACKAGES

Our sound attenuator packages are engineered to provide superior noise reduction and aerodynamic performance while meeting the most stringent standards for cleanliness and particle control.

## **Standard Offerings Include:**

- Powder coated perforated steel Liners
- Extruded aluminum bull nose
- Insulation sealed by aluminized mylar
- Constructed with non-shedding materials

## **Options:**

- Aluminum perforated Liners
- Custom sound attenuating packages
- HUNTAIR BHN aseptic sound absorption media





# Sound Attenuator Packages

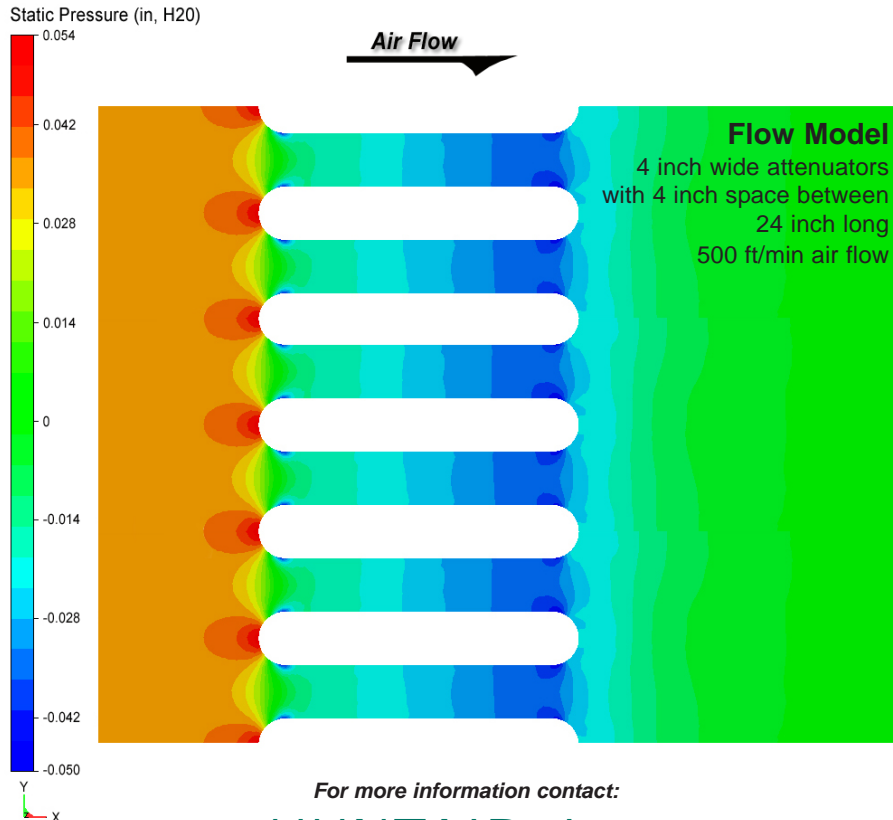
Huntair reserves the right without notification to modify the materials and specifications resulting from a continuing program of product improvement or the availability of new materials.

Standard Silencer								
Octave Band Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
24" Splitter Package	6	7	9	17	28	27	16	9
36" Splitter Package	7	12	16	28	36	36	28	17
48" Splitter Package	8	14	18	32	39	39	32	19
60" Splitter Package	9	17	23	37	44	45	38	25
72" Splitter Package	10	19	28	40	47	46	40	28
120" Splitter Package	12	20	32	44	48	47	42	30
Pressure Drop - inches w.g.								
24" Splitter Package	0.05	0.09	0.14	0.18	0.23	0.27	0.36	0.45
36" Splitter Package	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
48" Splitter Package	0.06	0.11	0.17	0.22	0.28	0.33	0.44	0.55
60" Splitter Package	0.07	0.12	0.18	0.24	0.30	0.35	0.48	0.60
72" Splitter Package	0.08	0.13	0.19	0.26	0.32	0.37	0.52	0.65
120" Splitter Package	0.09	0.14	0.20	0.27	0.33	0.38	0.54	0.67
Face Velocity - ft/min	400	525	650	750	850	900	1050	1200

Low Frequency Silencer								
Octave Band Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
24" LF Splitter Package	9	10	16	16	18	13	5	6
36" LF Splitter Package	10	15	23	27	26	22	17	14
48" LF Splitter Package	11	17	25	31	29	25	21	16
60" LF Splitter Package	13	19	31	36	38	27	22	17
72" LF Splitter Package	13	22	36	42	43	35	26	19
120" LF Splitter Package	14	25	39	45	44	36	27	20
Pressure Drop - inches w.g.								
24" LF Splitter Package	0.05	0.09	0.14	0.18	0.23	0.27	0.36	0.45
36" LF Splitter Package	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
48" LF Splitter Package	0.06	0.11	0.17	0.22	0.28	0.33	0.44	0.55
60" LF Splitter Package	0.07	0.12	0.19	0.24	0.31	0.36	0.48	0.60
72" LF Splitter Package	0.08	0.13	0.21	0.26	0.34	0.39	0.52	0.65
120" LF Splitter Package	0.09	0.15	0.23	0.28	0.36	0.41	0.55	0.70
Face Velocity - ft/min	300	425	500	600	650	750	850	950



Sound attenuators shown in Recirc Air Handler



For more information contact:

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