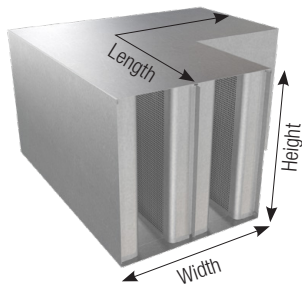


ERM

Rectangular Elbow Silencer



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: B

Modules: 2

Options: None

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB) / Generated Noise (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1750	0.27	4	8	16	22	30	30	25	22
	+1250	0.14	4	9	17	22	30	30	25	22
	0	0	5	9	18	23	32	30	25	22
	-1250	0.14	5	10	19	24	33	30	25	21
	-1750	0.27	5	10	20	24	33	30	24	21
60	+1750	0.16	6	10	20	28	36	37	31	26
	+1250	0.06	6	11	21	29	37	37	31	26
	0	0	7	11	22	30	38	37	31	25
	-1250	0.06	7	12	24	31	40	37	31	25
	-1750	0.16	7	13	24	31	40	37	31	25
84	+1750	0.18	8	13	24	37	43	45	39	31
	+1250	0.06	9	13	25	38	44	45	39	30
	0	0	9	14	27	39	45	45	38	30
	-1250	0.06	10	15	29	41	47	45	38	29
	-1750	0.18	10	15	30	41	48	45	38	29
108	+1750	0.2	10	15	28	46	50	53	46	35
	+1250	0.07	11	15	29	47	51	53	46	35
	0	0	12	16	32	48	53	53	46	34
	-1250	0.07	12	18	34	50	55	53	45	33
	-1750	0.2	13	18	35	51	55	53	45	33

Generated Noise (GN)

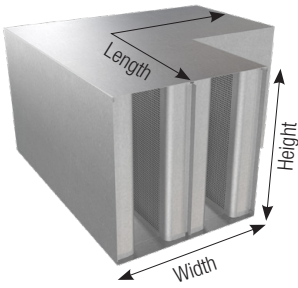
Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1750	57	52	46	46	45	41	44	37
	+1250	44	43	36	38	38	31	34	25
	0	25	20	15	15	10	10	10	10
	-1250	49	42	36	23	37	36	35	26
	-1750	57	49	45	35	44	44	45	38

Generated Noise Corrections

Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. For performance data specific to a configuration not cataloged, please use Price AIO Selection Software.
6. The performance data above is based on a 24 x 24 component.



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: F

Modules: 2

Options: None

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1250	0.61	8	15	25	37	45	47	37	31
	+750	0.22	8	15	26	38	47	47	37	31
	0	0.00	9	17	28	40	49	47	37	30
	-750	0.22	9	18	31	42	51	47	37	30
	-1250	0.61	10	19	32	43	52	47	36	29
60	+1250	0.63	9	17	30	41	46	50	43	37
	+750	0.23	10	18	32	42	48	50	43	36
	0	0.00	11	19	35	44	50	50	42	36
	-750	0.23	11	21	38	46	52	50	42	35
	-1250	0.63	12	22	40	47	53	50	42	35
84	+1250	0.66	14	20	37	47	52	54	51	43
	+750	0.24	15	21	39	49	53	54	51	42
	0	0.00	16	23	42	51	55	54	50	42
	-750	0.24	17	25	46	53	55	54	50	41
	-1250	0.66	17	26	48	54	55	54	50	40
108	+1250	0.69	17	24	43	53	53	55	55	49
	+750	0.25	18	25	45	55	55	55	55	49
	0	0.00	20	27	49	55	55	55	55	48
	-750	0.25	21	30	54	55	55	55	55	47
	-1250	0.69	22	31	55	55	55	55	55	46

Generated Noise (GN)

Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1250	70	62	57	54	53	51	56	50
	+750	51	48	42	42	42	37	40	32
	0	25	20	15	15	10	10	10	10
	-750	53	46	41	30	41	41	41	32
	-1250	65	57	54	48	52	53	57	50

Generated Noise Corrections

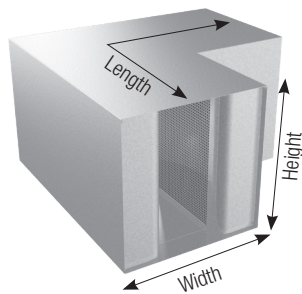
Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. For performance data specific to a configuration not cataloged, please use Price AIO Selection Software.
6. The performance data above is based on a 24 x 24 component.

ERM

Rectangular Elbow Silencer



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: B

Modules: 1

Options: None

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1750	0.18	5	8	12	16	18	18	16	15
	+1250	0.09	5	9	13	16	18	18	16	15
	0	0.00	5	9	13	17	19	18	16	15
	-1250	0.09	6	10	14	17	20	18	16	15
	-1750	0.18	6	10	15	17	20	18	16	15
60	+1750	0.20	7	10	16	22	26	25	21	19
	+1250	0.10	7	11	16	22	26	25	21	19
	0	0.00	7	11	17	23	27	25	21	18
	-1250	0.10	8	12	19	24	28	25	21	18
	-1750	0.20	8	13	19	24	29	25	21	18
84	+1750	0.22	8	13	20	32	35	32	27	23
	+1250	0.11	9	13	20	32	35	32	27	23
	0	0.00	9	14	22	33	36	32	27	22
	-1250	0.11	10	15	23	34	38	32	27	22
	-1750	0.22	10	15	24	35	38	32	27	22
108	+1750	0.24	10	15	24	41	43	39	33	27
	+1250	0.12	11	15	24	42	44	39	33	27
	0	0.00	11	16	26	43	45	39	33	26
	-1250	0.12	12	18	28	45	47	39	33	26
	-1750	0.24	13	18	29	46	48	39	33	26

Generated Noise (GN)

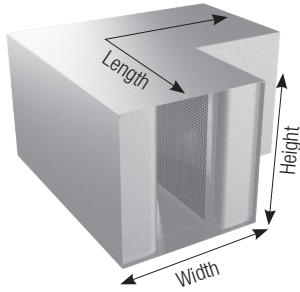
Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1750	57	52	46	46	45	41	44	37
	+1250	44	43	36	38	38	31	34	25
	0	25	20	15	15	10	10	10	10
	-1250	49	42	36	23	37	36	35	26
	-1750	57	49	45	35	44	44	45	38

Generated Noise Corrections

Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. For performance data specific to a configuration not cataloged, please use Price AIO Selection Software.
6. The performance data above is based on a 24 x 24 component.



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: F

Modules: 1

Options: None

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1250	0.79	6	12	17	26	34	32	25	22
	+750	0.28	6	12	18	27	35	32	25	22
	0	0.00	7	13	20	28	36	32	25	22
	-750	0.28	7	15	22	29	38	32	25	22
	-1250	0.79	8	15	23	30	39	32	25	21
60	+1250	0.75	8	15	22	31	38	35	30	26
	+750	0.27	9	16	23	32	39	35	30	25
	0	0.00	10	17	25	33	41	35	30	25
	-750	0.27	11	19	28	35	43	35	29	24
	-1250	0.75	11	20	29	36	44	35	29	24
84	+1250	0.71	11	19	29	40	45	42	35	29
	+750	0.26	12	20	31	41	46	42	35	29
	0	0.00	13	22	34	43	48	42	35	28
	-750	0.26	14	24	37	45	51	42	34	28
	-1250	0.71	15	25	39	46	52	42	34	27
108	+1250	0.68	14	23	36	48	51	49	40	33
	+750	0.24	15	24	38	50	53	49	40	32
	0	0.00	16	26	42	52	55	49	40	32
	-750	0.24	18	29	46	55	55	49	40	31
	-1250	0.68	19	30	48	55	55	49	39	30

Generated Noise (GN)

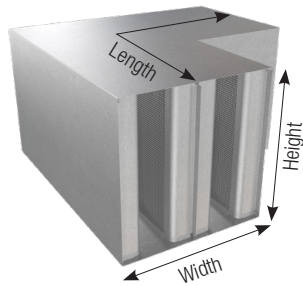
Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1250	70	62	57	54	53	51	56	50
	+750	51	48	42	42	42	37	40	32
	0	25	20	15	15	10	10	10	10
	-750	53	46	41	30	41	41	41	32
	-1250	65	57	54	48	52	53	57	50

Generated Noise Corrections

Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. For performance data specific to a configuration not cataloged, please use Price AIO Selection Software.
6. The performance data above is based on a 24 x 24 component.



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: B

Modules: 2

Options: Film Lined

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1750	0.28	4	8	13	17	26	33	25	16
	+1250	0.14	4	9	13	17	26	33	25	15
	0	0.00	5	9	14	17	27	33	25	15
	-1250	0.14	5	10	15	18	28	33	25	15
	-1750	0.28	5	10	16	18	28	33	24	15
60	+1750	0.31	6	10	16	21	31	41	31	18
	+1250	0.16	6	11	17	22	31	41	31	18
	0	0.00	7	11	18	23	33	41	31	18
	-1250	0.16	7	12	19	23	34	41	31	18
	-1750	0.31	7	13	20	24	34	41	31	18
84	+1750	0.35	8	13	19	28	37	50	39	22
	+1250	0.18	9	13	20	28	37	50	39	21
	0	0.00	9	14	22	29	39	50	38	21
	-1250	0.18	10	15	23	31	40	50	38	20
	-1750	0.35	10	15	24	31	41	50	38	20
108	+1750	0.39	10	15	23	35	43	55	46	25
	+1250	0.20	11	15	24	35	43	55	46	24
	0	0.00	12	16	25	36	45	55	46	24
	-1250	0.20	12	18	27	38	47	55	45	23
	-1750	0.39	13	18	28	38	47	55	45	23

Generated Noise (GN)

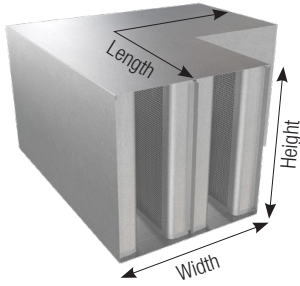
Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1750	57	52	46	46	45	41	44	37
	+1250	44	43	36	38	38	31	34	25
	0	25	20	15	15	10	10	10	10
	-1250	49	42	36	23	37	36	35	26
	-1750	57	49	45	35	44	44	45	38

Generated Noise Corrections

Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

- Data tables are derived from test data in conformance with ASTM E477-20.
- "+" indicates performance data for forward flow (supply) applications.
- "-" indicates performance data for reverse flow (return) applications.
- Dynamic Insertion Loss is limited to 55 dB due to flanking.
- The performance data above is based on a 24 x 24 component.



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: F

Modules: 2

Options: Film Lined

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1250	0.61	6	13	18	26	37	49	35	21
	+750	0.22	6	13	19	27	38	49	35	20
	0	0.00	7	15	21	29	40	49	35	20
	-750	0.22	7	16	23	30	41	49	35	19
	-1250	0.61	8	17	24	31	43	49	34	19
60	+1250	0.63	7	15	23	29	38	53	41	24
	+750	0.23	8	16	24	30	39	53	41	24
	0	0.00	9	17	27	32	41	53	40	24
	-750	0.23	9	19	29	33	43	53	40	23
	-1250	0.63	10	20	31	34	44	53	40	23
84	+1250	0.66	11	18	28	34	42	55	49	29
	+750	0.24	12	19	30	35	44	55	49	28
	0	0.00	13	21	32	37	46	55	48	28
	750	0.24	14	23	35	38	48	55	48	27
	1250	0.66	14	24	37	39	49	55	48	27
108	+1250	0.69	14	22	33	39	44	55	55	33
	+750	0.25	15	23	35	40	45	55	55	33
	0	0.00	17	25	38	42	47	55	55	32
	-750	0.25	18	28	41	44	49	55	55	31
	-1250	0.69	19	29	44	45	51	55	55	31

Generated Noise (GN)

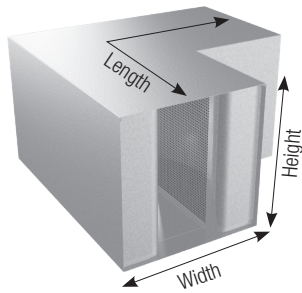
Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1250	51	48	42	42	42	37	40	32
	+750	70	62	57	54	53	51	56	50
	0	25	20	15	15	10	10	10	10
	-750	53	46	41	30	41	41	41	32
	-1250	65	57	54	48	52	53	57	50

Generated Noise Corrections

Silencer Face Area (ft²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. The performance data above is based on a 24 x 24 component.



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: B

Modules: 1

Options: Film Lined

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1750	0.18	5	8	10	12	15	20	16	11
	+1250	0.09	5	9	10	12	16	20	16	11
	0	0.00	5	9	11	13	16	20	16	11
	-1250	0.09	6	10	12	13	17	20	16	10
	-1750	0.18	6	10	12	13	17	20	16	10
60	+1750	0.20	7	10	13	17	22	27	21	13
	+1250	0.10	7	11	13	17	22	27	21	13
	0	0.00	7	11	14	17	23	27	21	13
	-1250	0.10	8	12	15	18	24	27	21	13
	-1750	0.20	8	13	16	18	25	27	21	13
84	+1750	0.22	8	13	16	24	29	35	27	16
	+1250	0.11	9	13	16	24	30	35	27	16
	0	0.00	9	14	18	25	31	35	27	16
	-1250	0.11	10	15	19	26	32	35	27	16
	-1750	0.22	10	15	19	26	33	35	27	16
108	+1750	0.24	10	15	19	31	37	43	33	19
	+1250	0.12	11	15	20	32	37	43	33	19
	0	0.00	11	16	21	33	39	43	33	19
	-1250	0.12	12	18	23	34	40	43	33	18
	-1750	0.24	13	18	23	34	41	43	33	18

Generated Noise (GN)

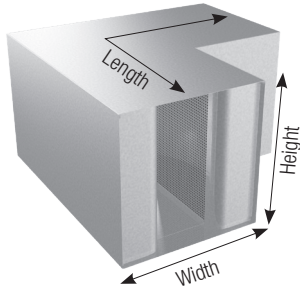
Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1750	57	52	46	46	45	41	44	37
	+1250	44	43	36	38	38	31	34	25
	0	25	20	15	15	10	10	10	10
	-1250	49	42	36	23	37	36	35	26
	-1750	57	49	45	35	44	44	45	38

Generated Noise Corrections

Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. The performance data above is based on a 24 x 24 component.



PERFORMANCE DATA

Width (in.): 24

Pressure Attenuation (PA) Code: F

Modules: 1

Options: Film Lined

Dynamic Insertion Loss (DIL)

Length (in.)	Face Velocity (fpm)	Pressure Drop (in. w.g.)	Dynamic Insertion Loss (dB)							
			63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
36	+1250	0.79	6	12	14	20	29	36	25	16
	+750	0.28	6	12	15	20	29	36	25	16
	0	0.00	7	13	16	21	31	36	25	15
	-750	0.28	7	15	18	22	32	36	25	15
	-1250	0.79	8	15	18	23	33	36	25	15
60	+1250	0.75	8	15	18	23	33	38	30	18
	+750	0.27	9	16	19	24	34	38	30	18
	0	0.00	10	17	20	25	35	38	30	18
	-750	0.27	11	19	22	26	37	38	29	17
	-1250	0.27	11	19	22	26	37	38	29	17
84	+1250	0.71	11	19	23	30	38	46	35	21
	+750	0.26	12	20	25	31	39	46	35	20
	0	0.00	13	22	27	32	41	46	35	20
	750	0.26	14	24	29	34	43	46	34	19
	1250	0.71	15	25	31	35	44	46	34	19
108	+1250	0.68	14	23	29	36	44	54	40	23
	+750	0.24	15	24	31	38	45	54	40	23
	0	0.00	16	26	34	39	47	54	40	22
	-750	0.24	18	29	37	41	49	54	40	22
	-1250	0.68	19	30	39	42	51	54	39	21

Generated Noise (GN)

Length (in.)	Face Velocity (fpm)	Generated Noise (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
All Lengths	+1250	70	62	57	54	53	51	56	50
	+750	51	48	42	42	42	37	40	32
	0	25	20	15	15	10	10	10	10
	-750	53	46	41	30	41	41	41	32
	-1250	65	57	54	48	52	53	57	50

Generated Noise Corrections

Silencer Face Area (ft ²)	0.5	1	2	4	8	16	32	64	128
dB Addition or Reduction	-9	-6	-3	0	+3	+6	+9	+12	+15

Performance Notes:

1. Data tables are derived from test data in conformance with ASTM E477-20.
2. "+" indicates performance data for forward flow (supply) applications.
3. "-" indicates performance data for reverse flow (return) applications.
4. Dynamic Insertion Loss is limited to 55 dB due to flanking.
5. The performance data above is based on a 24 x 24 component.