

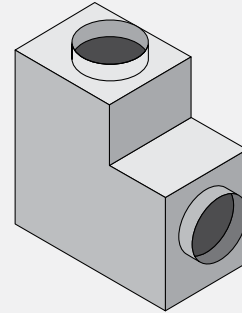
8 CENM-LV-F1

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

8 X CENM-LV-F1 X 42

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
42	- 1250	14	21	36	19	19	18	11	9
	0	13	15	34	14	14	15	13	11
	+ 1250	10	19	38	18	19	19	14	12
54	- 1250	14	23	40	22	20	19	14	11
	0	13	16	39	16	15	17	15	13
	+ 1250	10	22	41	21	21	22	17	13
66	- 1250	14	25	45	24	21	21	16	14
	0	13	18	45	17	16	19	17	16
	+ 1250	9	24	43	25	23	24	19	14
78	- 1250	15	27	49	27	22	23	18	16
	0	12	20	50	19	17	22	19	18
	+ 1250	9	27	46	28	25	27	22	16

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
8	30x30	42	124	0.01	0.03	0.07	0.13	0.20	0.28	0.38
		54	153	0.01	0.04	0.08	0.14	0.22	0.32	0.44
		66	182	0.01	0.04	0.09	0.16	0.25	0.37	0.50
		78	210	0.01	0.05	0.10	0.18	0.28	0.41	0.56

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 0.35 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	55	50	47	44	43	43	42	45
	- 750	54	47	41	38	35	33	30	40
	+ 750	54	52	39	37	31	31	26	35
	+ 1250	57	56	47	43	41	41	39	40

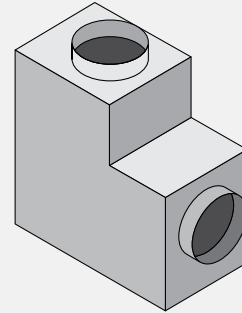
8 CENM-LV-F2

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

8 X CENM-LV-F2 X 52

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
52	- 1250	14	17	31	24	18	15	12	9
	0	12	15	31	18	13	13	13	11
	+ 1250	11	18	34	25	19	17	15	12
64	- 1250	15	21	35	30	21	19	14	11
	0	14	17	34	21	15	17	16	14
	+ 1250	10	21	37	31	22	21	17	14
76	- 1250	17	25	39	36	24	23	16	14
	0	16	19	37	25	17	21	18	16
	+ 1250	10	24	41	37	25	25	20	15
88	- 1250	18	30	43	42	27	27	18	16
	0	18	21	40	29	19	25	20	19
	+ 1250	10	27	45	43	28	29	22	17

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
8	20x20	52	75	0.01	0.03	0.07	0.12	0.18	0.26	0.36
		64	94	0.01	0.03	0.08	0.14	0.21	0.31	0.42
		76	112	0.01	0.04	0.09	0.16	0.24	0.35	0.47
		88	130	0.01	0.04	0.10	0.17	0.27	0.39	0.53

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 0.35 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	52	46	45	46	47	52	48	37
	- 750	44	37	33	39	41	42	31	31
	+ 750	48	41	34	33	38	41	30	28
	+ 1250	58	54	46	42	44	52	48	37

10 CENM-LV-F1

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

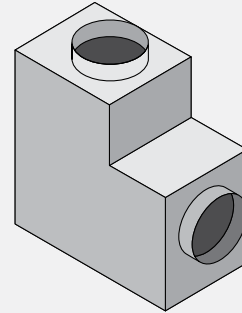
How to Specify Example:

10 × CENM-LV-F1 × 42

↑
Duct
Connection
Size

↑
Silencer
Model

↑
Silencer
Length



Insertion Loss (IL)

+ : “forward flow” where noise & airflow move in same direction (e.g. supply side)

- : “reverse flow” where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
42	- 1250	15	20	33	18	18	16	11	9
	0	14	13	30	14	14	14	11	10
	+ 1250	13	18	34	18	18	17	12	11
54	- 1250	14	20	38	20	19	18	13	11
	0	13	14	36	20	19	20	15	12
	+ 1250	12	19	38	20	19	20	15	12
66	- 1250	14	21	43	21	19	20	15	12
	0	13	15	41	15	15	18	15	13
	+ 1250	11	21	43	22	20	22	17	13
78	- 1250	13	22	48	23	20	22	17	13
	0	12	16	46	16	15	20	17	15
	+ 1250	10	22	47	24	21	24	20	14

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
10	30x30	42	125	0.01	0.04	0.09	0.15	0.24	0.34	0.47
		54	156	0.01	0.04	0.09	0.16	0.25	0.36	0.50
		66	185	0.01	0.04	0.10	0.17	0.27	0.39	0.52
		78	215	0.01	0.05	0.10	0.18	0.28	0.41	0.55

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 0.55 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	54	51	47	44	43	44	43	41
	- 750	53	46	41	38	36	35	29	33
	+ 750	52	50	40	36	36	35	27	29
	+ 1250	56	56	49	43	43	45	42	40

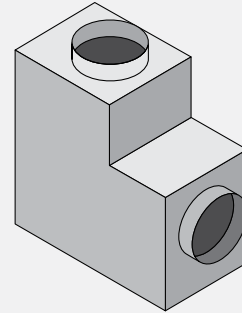
10 CENM-LV-F2

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

10 X CENM-LV-F2 X 52

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
52	- 1250	14	15	27	28	17	15	11	9
	0	11	12	25	21	13	12	11	10
	+ 1250	11	15	28	29	18	16	13	10
64	- 1250	15	18	31	32	19	18	13	11
	0	12	14	28	24	15	16	13	12
	+ 1250	12	17	32	33	21	19	15	12
76	- 1250	16	22	35	35	22	21	15	13
	0	14	16	31	27	17	19	15	14
	+ 1250	12	20	36	36	23	22	17	14
88	- 1250	17	25	39	38	24	24	16	15
	0	15	18	34	29	19	22	17	17
	+ 1250	13	23	39	40	26	26	19	16

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
10	20x20	52	125	0.01	0.04	0.09	0.16	0.26	0.37	0.50
		64	156	0.01	0.04	0.10	0.17	0.27	0.39	0.53
		76	185	0.01	0.05	0.10	0.18	0.29	0.41	0.56
		88	215	0.01	0.05	0.11	0.19	0.30	0.43	0.59

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 0.55 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	53	48	45	45	46	50	47	38
	- 750	48	41	36	39	40	41	31	31
	+ 750	49	45	36	35	40	43	33	35
	+ 1250	56	54	46	41	45	51	48	41

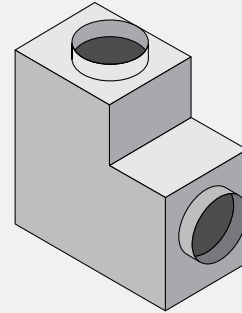
12 CENM-LV-F1

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

12 X CENM-LV-F1 X 42

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
42	- 1250	17	18	30	18	17	15	10	9
	0	14	12	27	14	14	13	9	10
	+ 1250	16	17	31	19	18	15	11	10
54	- 1250	15	18	36	18	18	17	12	10
	0	14	12	32	14	14	15	11	10
	+ 1250	14	17	36	19	18	17	13	11
66	- 1250	13	17	41	18	18	19	15	11
	0	13	13	37	13	13	17	13	11
	+ 1250	13	17	42	20	18	19	15	12
78	- 1250	11	17	47	19	18	21	17	11
	0	12	13	42	12	13	18	16	12
	+ 1250	11	16	47	20	18	21	17	12

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
12	30x30	42	128	0.01	0.05	0.10	0.18	0.28	0.41	0.55
		54	158							
		66	188							
		78	219							

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 0.79 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	54	52	48	44	44	46	43	37
	- 750	52	46	42	37	37	37	27	25
	+ 750	49	48	40	36	38	39	28	22
	+ 1250	56	57	51	44	45	49	46	39

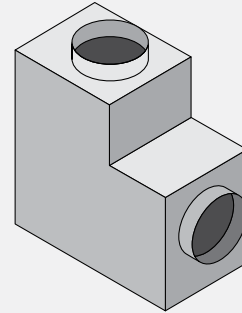
12 CENM-LV-F2

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

12 X CENM-LV-F2 X 52

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
52	- 1250	13	13	24	33	16	14	11	9
	0	9	9	19	24	12	12	9	8
	+ 1250	12	12	23	33	17	14	11	9
64	- 1250	14	15	28	33	18	16	12	11
	0	10	11	22	26	14	14	11	10
	+ 1250	13	14	27	34	19	17	12	11
76	- 1250	15	18	32	34	20	18	13	12
	0	11	14	24	28	16	17	12	12
	+ 1250	14	17	30	35	22	19	14	13
88	- 1250	16	21	36	35	22	21	15	14
	0	13	16	27	30	18	19	14	14
	+ 1250	16	19	34	36	24	22	16	15

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
12	20x20	52	80	0.01	0.05	0.12	0.21	0.33	0.47	0.64
		64	99							
		76	119							
		88	138							

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 0.79 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	54	50	45	44	45	48	45	39
	- 750	53	46	38	39	39	40	32	31
	+ 750	49	48	39	36	41	44	37	42
	+ 1250	55	54	46	41	45	51	48	46

14 CENM-LV-F1

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

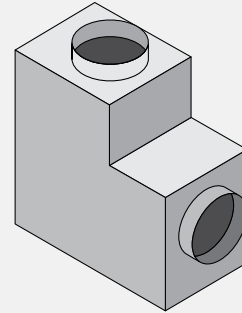
How to Specify Example:

14 X CENM-LV-F1 X 36

↑
Duct
Connection
Size

↑
Silencer
Model

↑
Silencer
Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 1250	11	21	28	17	17	13	8	7
	0	12	14	24	12	13	11	8	7
	+ 1250	12	20	28	16	17	13	9	8
48	- 1250	12	20	34	19	18	15	10	8
	0	11	14	28	13	13	13	9	9
	+ 1250	13	19	34	18	18	15	11	9
60	- 1250	13	19	40	21	19	16	11	9
	0	11	14	33	15	14	14	11	10
	+ 1250	14	18	40	20	19	16	12	10
72	- 1250	14	19	46	23	20	18	13	10
	0	11	14	37	16	14	15	12	11
	+ 1250	15	17	46	22	20	18	14	11

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
14	36x36	36	164	0.01	0.05	0.12	0.21	0.33	0.48	0.65
		48	202	0.01	0.05	0.12	0.22	0.34	0.49	0.66
		60	241	0.01	0.06	0.12	0.22	0.34	0.50	0.67
		72	279	0.01	0.06	0.13	0.22	0.35	0.50	0.68

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 1.07 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	55	53	50	47	48	50	49	42
	- 750	53	48	46	42	43	45	39	33
	+ 750	52	49	42	37	41	42	33	24
	+ 1250	58	57	52	45	47	51	49	41

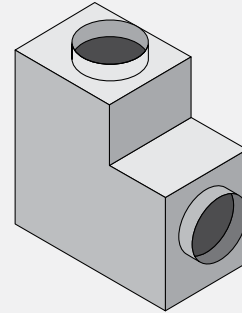
14 CENM-LV-F2

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

14 X CENM-LV-F2 X 48

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
48	- 1250	10	13	24	26	17	13	9	8
	0	7	10	20	18	12	11	8	7
	+ 1250	9	12	23	26	16	14	10	7
60	- 1250	12	15	27	27	18	15	10	9
	0	10	11	21	21	14	13	10	9
	+ 1250	12	15	26	27	18	16	12	8
72	- 1250	15	18	31	29	19	17	12	11
	0	12	13	23	23	15	15	11	11
	+ 1250	15	17	29	28	19	17	14	10
84	- 1250	17	20	34	30	21	18	14	12
	0	15	14	24	25	17	17	13	13
	+ 1250	17	19	32	29	21	19	15	12

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
14	24x24	48	100	0.01	0.06	0.13	0.22	0.35	0.50	0.68
		60	124	0.02	0.06	0.14	0.24	0.38	0.55	0.75
		72	148	0.02	0.07	0.15	0.26	0.41	0.59	0.81
		84	172	0.02	0.07	0.16	0.28	0.44	0.64	0.87

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 1.07 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	56	53	48	47	48	51	51	45
	- 750	54	49	43	43	44	46	42	37
	+ 750	52	51	41	38	43	46	40	40
	+ 1250	56	56	49	44	47	52	51	47

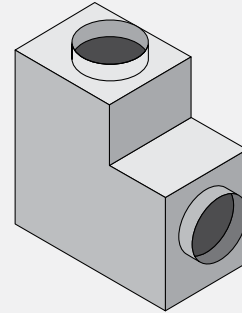
16 CENM-LV-F1

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

16 X CENM-LV-F1 X 36

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 1250	6	25	25	16	17	11	6	5
	0	9	16	22	10	12	9	6	5
	+ 1250	8	22	26	14	16	11	7	6
48	- 1250	9	23	31	20	18	12	7	6
	0	9	16	25	13	13	10	7	7
	+ 1250	12	21	32	18	18	12	8	7
60	- 1250	13	22	38	24	20	14	8	7
	0	9	16	29	16	14	11	8	9
	+ 1250	15	19	38	21	19	14	10	8
72	- 1250	16	20	44	27	21	15	10	8
	0	10	15	32	20	15	12	9	11
	+ 1250	18	18	45	25	21	15	11	9

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
16	36x36	36	167	0.02	0.06	0.14	0.25	0.39	0.56	0.76
		48	205	0.02	0.06	0.14	0.25	0.40	0.57	0.78
		60	244	0.02	0.07	0.15	0.26	0.41	0.59	0.80
		72	283	0.02	0.07	0.15	0.27	0.42	0.60	0.82

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 1.40 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	58	55	54	54	56	59	62	53
	- 750	56	53	53	53	55	60	63	48
	+ 750	58	53	45	40	46	50	44	28
	+ 1250	61	59	53	48	51	55	55	45

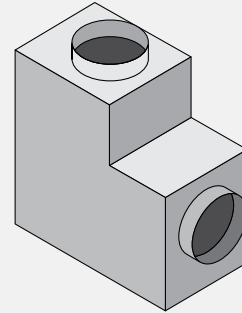
16 CENM-LV-F2

Circular Elbow No-Media
Low velocity silencer
(<1250 fpm)

How to Specify Example:

16 X CENM-LV-F2 X 48

↑ Duct Connection Size ↑ Silencer Model ↑ Silencer Length



Insertion Loss (IL)

+ : "forward flow" where noise & airflow move in same direction (e.g. supply side)

- : "reverse flow" where noise & airflow move in opposite directions (e.g. return side)

See [Silencer Selection Instructions](#).

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Dynamic Insertion Loss (dB)							
		63	125	250	500	1000	2000	4000	8000
48	- 1250	6	13	25	20	18	13	7	7
	0	5	10	20	13	12	11	7	6
	+ 1250	7	13	24	18	16	14	9	4
60	- 1250	10	15	27	22	19	14	9	8
	0	9	11	21	15	13	12	9	8
	+ 1250	11	15	26	19	17	15	11	6
72	- 1250	14	17	30	23	19	15	11	9
	0	13	12	21	18	14	13	11	10
	+ 1250	15	17	28	21	17	16	13	7
84	- 1250	18	19	32	25	19	16	13	10
	0	17	13	21	20	15	14	13	12
	+ 1250	19	19	31	22	17	17	15	8

Pressure Drop (PD)

Pressure drops are reported in accordance with ASTM E477 methods and are based upon **ideal** flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See [Silencer System Effects Data](#).

Duct Connect. Size (in.)	B x B (in.)	Silencer Length (in.)	Weight (lbs)	Face Velocity (ft. per min) / Pressure Drop (in.w.g.)						
				250	500	750	1000	1250	1500	1750
16	24x24	48	102	0.01	0.06	0.13	0.24	0.37	0.53	0.72
		60	127	0.02	0.07	0.16	0.28	0.43	0.62	0.85
		72	152	0.02	0.08	0.17	0.32	0.49	0.71	0.97
		84	177	0.02	0.09	0.20	0.36	0.56	0.80	1.09

Acceptable (0 - 0.35") Caution (>0.35") Pressure Drop may be too high for certain applications

Generated Noise (GN)

@ 1.40 sq.ft. face area

Length (in.)	Face Velocity (ft. per min)	Octave Band - Hz/Generated Noise (dB re 10 ⁻¹² watts)							
		63	125	250	500	1000	2000	4000	8000
All	- 1250	60	57	55	53	55	57	61	56
	- 750	57	56	54	51	54	58	61	51
	+ 750	57	57	47	42	47	50	45	36
	+ 1250	60	61	54	49	51	55	55	48