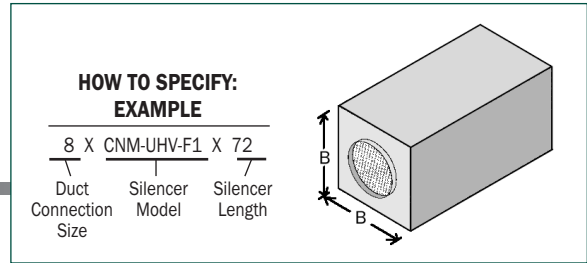


CERTIFIED PERFORMANCE DATA



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)

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	14	15	40	9	6	7	6	6
	0	12	14	38	9	7	8	7	7
	+ 2500	13	15	38	10	8	8	7	7
48	- 2500	15	19	42	10	7	8	8	7
	0	14	16	41	10	8	9	8	8
	+ 2500	13	18	41	11	9	9	8	8
60	- 2500	14	22	45	11	8	9	9	8
	0	15	18	44	10	9	11	10	9
	+ 2500	13	21	44	12	10	10	10	9
72	- 2500	14	25	47	12	9	10	11	9
	0	15	21	47	11	10	12	12	10
	+ 2500	13	24	46	13	12	12	12	10

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
8	30x30	36	95	0.08	0.10	0.12	0.15	0.17	0.20	0.24
8	30x30	48	124	0.08	0.10	0.12	0.15	0.18	0.21	0.24
8	30x30	60	153	0.08	0.10	0.13	0.15	0.18	0.21	0.25
8	30x30	72	182	0.08	0.11	0.13	0.16	0.19	0.22	0.25

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

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 on page 4.19.

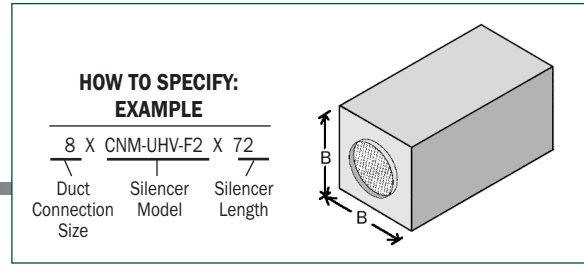
Generated Noise (GN) @ 0.35 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	56	55	51	53	53	56	49	37
	- 2000	54	50	44	45	43	38	33	33
	+ 2000	54	50	46	46	46	44	36	33
	+ 3000	58	57	51	52	52	54	48	43

CERTIFIED PERFORMANCE DATA

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)



LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	8	9	19	18	7	6	5	5
	0	9	10	18	18	8	7	6	6
	+ 2500	10	11	17	20	8	7	6	6
48	- 2500	10	11	23	20	8	8	7	6
	0	10	11	21	19	9	8	8	7
	+ 2500	11	12	21	22	9	8	8	7
60	- 2500	11	12	27	22	10	9	8	8
	0	11	13	23	21	10	9	9	9
	+ 2500	12	14	25	25	11	9	9	8
72	- 2500	13	14	31	24	11	10	10	9
	0	13	14	26	22	11	10	11	10
	+ 2500	13	16	29	27	12	10	11	9

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
8	20x20	36	57	0.08	0.10	0.13	0.15	0.18	0.21	0.25
8	20x20	48	75	0.08	0.10	0.13	0.15	0.18	0.21	0.25
8	20x20	60	94	0.08	0.10	0.13	0.15	0.18	0.21	0.25
8	20x20	72	112	0.08	0.10	0.13	0.15	0.18	0.21	0.25

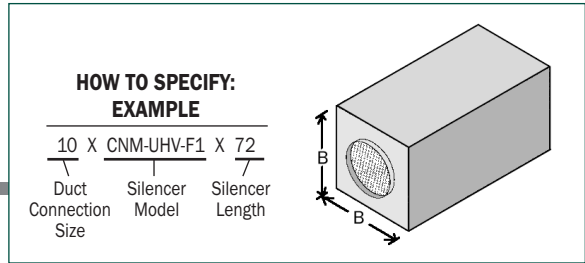
☐ : Acceptable (0 - 0.35")  
 ☐ : Caution (>0.35")  
 Pressure Drop may be too high for certain applications

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 on page 4.19.

Generated Noise (GN) @ 0.35 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	58	55	51	53	53	56	55	43
	- 2000	54	50	44	43	43	38	33	33
	+ 2000	55	51	47	45	46	44	37	34
	+ 3000	58	59	52	51	50	54	47	42

CERTIFIED PERFORMANCE DATA



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)

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	11	12	33	8	6	6	5	5
	0	10	11	30	8	6	7	6	6
	+ 2500	11	12	31	9	6	7	6	5
48	- 2500	13	15	36	9	7	7	6	6
	0	12	13	33	9	8	8	7	7
	+ 2500	12	14	34	10	8	8	7	6
60	- 2500	12	17	39	11	9	9	8	7
	0	13	15	37	11	9	10	9	8
	+ 2500	12	17	37	12	10	10	9	8
72	- 2500	12	20	42	13	10	10	9	8
	0	13	16	40	12	11	11	10	9
	+ 2500	13	19	41	14	12	11	10	9

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
10	30x30	36	96	0.10	0.12	0.15	0.19	0.22	0.26	0.30
10	30x30	48	125	0.10	0.13	0.16	0.19	0.22	0.26	0.30
10	30x30	60	156	0.10	0.13	0.16	0.19	0.23	0.27	0.31
10	30x30	72	185	0.10	0.13	0.16	0.19	0.23	0.27	0.31

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

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 on page 4.19.

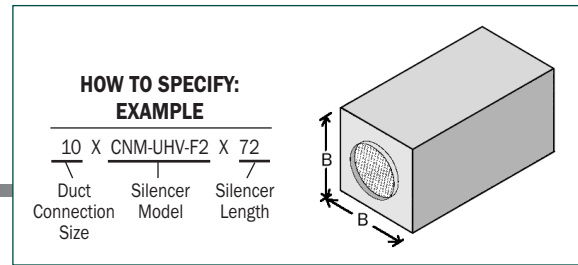
Generated Noise (GN) @ 0.55 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	58	58	55	55	55	58	51	38
	- 2000	56	52	47	47	45	40	35	34
	+ 2000	55	54	46	47	46	44	41	37
	+ 3000	60	61	51	53	52	54	53	47

CERTIFIED PERFORMANCE DATA

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)



LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	7	8	14	19	6	5	4	4
	0	7	8	13	21	7	6	5	5
	+ 2500	8	8	13	22	7	6	5	4
48	- 2500	8	9	17	22	7	6	6	5
	0	8	9	15	23	8	7	6	6
	+ 2500	9	10	16	25	8	7	6	6
60	- 2500	10	11	19	25	8	8	7	6
	0	10	11	17	25	9	8	8	7
	+ 2500	10	12	18	28	9	8	8	7
72	- 2500	11	12	22	29	10	9	9	8
	0	11	12	19	28	10	9	9	8
	+ 2500	11	13	21	31	11	9	9	8

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
10	20x20	36	59	0.08	0.10	0.13	0.15	0.18	0.21	0.25
10	20x20	48	78	0.09	0.11	0.14	0.16	0.20	0.23	0.27
10	20x20	60	97	0.09	0.12	0.15	0.18	0.21	0.25	0.29
10	20x20	72	115	0.10	0.13	0.16	0.19	0.23	0.26	0.31

☐ : Acceptable (0 - 0.35")

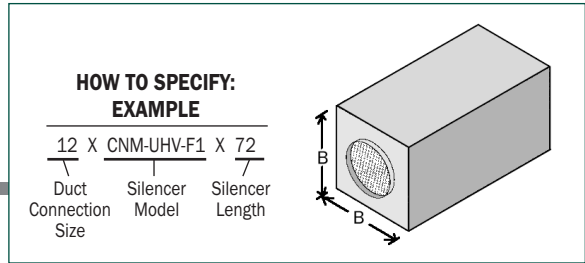
▒ : Caution (>0.35") Pressure Drop may be too high for certain applications

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 on page 4.19.

Generated Noise (GN) @ 0.55 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	60	59	55	51	53	57	56	45
	- 2000	55	53	47	41	43	39	34	35
	+ 2000	56	55	50	43	46	45	38	36
	+ 3000	60	62	56	49	50	55	48	44

CERTIFIED PERFORMANCE DATA



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)

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	9	10	27	7	5	5	4	5
	0	8	9	22	7	6	6	5	5
	+ 2500	8	9	23	7	5	6	5	3
48	- 2500	10	11	30	9	7	7	5	5
	0	9	10	26	9	8	7	6	6
	+ 2500	10	11	27	10	7	7	6	5
60	- 2500	10	13	33	11	9	8	7	6
	0	10	11	29	11	10	9	7	7
	+ 2500	11	13	31	12	10	9	7	6
72	- 2500	11	15	36	13	11	10	8	7
	0	11	12	32	12	12	10	8	7
	+ 2500	12	14	35	14	12	10	8	7

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
12	30x30	36	98	0.12	0.15	0.19	0.23	0.27	0.32	0.37
12	30x30	48	128	0.12	0.15	0.19	0.23	0.27	0.32	0.37
12	30x30	60	158	0.12	0.15	0.19	0.23	0.27	0.32	0.37
12	30x30	72	188	0.12	0.15	0.19	0.23	0.27	0.32	0.37

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

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 on page 4.19.

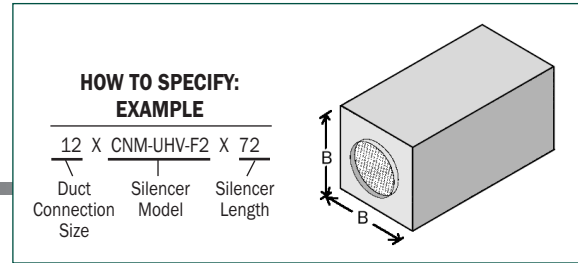
Generated Noise (GN) @ 0.79 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	60	60	58	56	56	60	52	38
	- 2000	58	55	50	48	46	42	36	34
	+ 2000	56	59	46	47	46	44	45	40
	+ 3000	61	66	51	53	52	54	57	50

CERTIFIED PERFORMANCE DATA

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)



LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	4	7	9	21	5	4	3	3
	0	4	6	8	23	6	4	4	4
	+ 2500	5	6	9	24	6	4	4	3
48	- 2500	5	8	10	25	6	5	5	4
	0	6	7	9	27	7	5	5	4
	+ 2500	6	8	10	28	7	6	5	4
60	- 2500	7	9	12	29	7	6	6	5
	0	7	8	10	30	8	7	6	5
	+ 2500	8	9	12	32	8	7	7	5
72	- 2500	8	11	13	33	8	8	8	7
	0	8	10	11	34	9	8	7	6
	+ 2500	9	10	13	36	10	8	8	7

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
12	20x20	36	60	0.08	0.10	0.13	0.15	0.18	0.21	0.25
12	20x20	48	80	0.09	0.12	0.15	0.18	0.21	0.25	0.29
12	20x20	60	99	0.11	0.14	0.17	0.20	0.24	0.28	0.33
12	20x20	72	119	0.12	0.15	0.19	0.23	0.27	0.32	0.37

☐ : Acceptable (0 - 0.35")

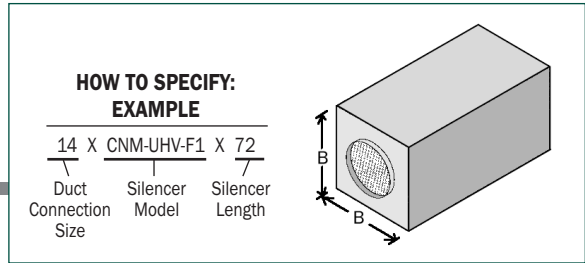
▒ : Caution (>0.35") Pressure Drop may be too high for certain applications

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 on page 4.19.

Generated Noise (GN) @ 0.79 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	61	62	58	49	53	57	57	46
	- 2000	56	57	50	39	43	39	35	36
	+ 2000	58	59	53	41	46	45	39	37
	+ 3000	61	66	59	47	50	55	49	45

CERTIFIED PERFORMANCE DATA



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)

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	9	9	26	6	5	4	3	4
	0	8	8	21	6	6	5	5	5
	+ 2500	8	9	24	7	6	5	4	4
48	- 2500	10	11	28	7	7	6	4	5
	0	9	10	24	7	8	7	6	6
	+ 2500	9	10	27	8	7	6	5	5
60	- 2500	11	12	31	9	8	7	5	5
	0	10	11	27	8	9	8	7	6
	+ 2500	10	12	30	9	8	8	6	6
72	- 2500	12	14	34	10	9	8	6	6
	0	10	12	29	9	10	9	8	7
	+ 2500	11	14	33	10	10	9	7	7

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
14	36x36	36	126	0.07	0.08	0.10	0.13	0.15	0.18	0.20
14	36x36	48	164	0.07	0.08	0.10	0.13	0.15	0.18	0.20
14	36x36	60	202	0.07	0.08	0.10	0.13	0.15	0.18	0.20
14	36x36	72	241	0.07	0.08	0.10	0.13	0.15	0.18	0.20

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

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 on page 4.19.

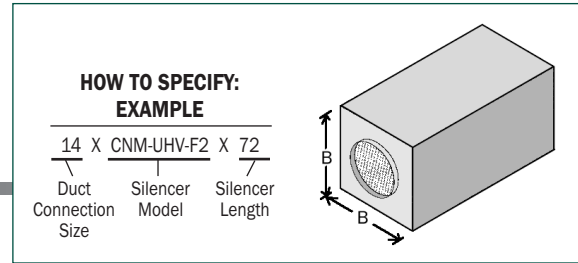
Generated Noise (GN) @ 1.07 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	61	66	57	63	63	68	62	46
	- 2000	59	60	50	55	53	50	46	42
	+ 2000	59	63	46	55	52	50	49	45
	+ 3000	64	70	52	61	58	60	61	55

CERTIFIED PERFORMANCE DATA

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)



LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	5	6	9	19	5	4	3	3
	0	4	5	8	18	6	4	4	4
	+ 2500	5	5	8	20	6	5	4	4
48	- 2500	6	7	10	22	6	5	4	4
	0	5	6	9	21	7	5	5	5
	+ 2500	6	6	10	22	7	6	5	5
60	- 2500	7	8	12	26	7	6	5	5
	0	6	7	10	23	8	7	6	6
	+ 2500	6	7	11	25	8	6	6	6
72	- 2500	8	9	13	29	8	7	5	5
	0	7	8	12	26	9	8	7	7
	+ 2500	7	8	12	27	9	7	7	7

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
14	24x24	36	76	0.05	0.07	0.08	0.10	0.12	0.14	0.16
14	24x24	48	100	0.06	0.07	0.09	0.11	0.13	0.15	0.18
14	24x24	60	124	0.06	0.08	0.10	0.12	0.14	0.16	0.19
14	24x24	72	148	0.07	0.08	0.10	0.13	0.15	0.18	0.20

☐ : Acceptable (0 - 0.35")

▒ : Caution (>0.35") Pressure Drop may be too high for certain applications

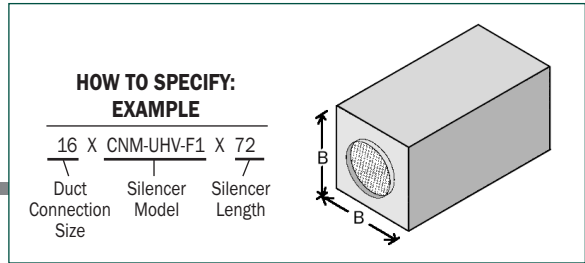
Pressure drops are reported in accordance with ASTM E477 methods and are based upon IDEAL flow conditions (5 diameters of straight duct on silencer inlet and 10 on outlet). Less than ideal conditions will result in an increase in pressure drop due to System Effects. See Silencer System Effects Data on page 4.19.

Generated Noise (GN) @ 1.07 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	61	66	57	60	62	66	64	50
	- 2000	58	61	50	51	52	48	45	43
	+ 2000	60	63	50	52	52	51	46	44
	+ 3000	64	70	56	58	57	61	57	53



CERTIFIED PERFORMANCE DATA



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)

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	8	9	25	5	6	4	2	3
	0	7	8	21	6	7	5	4	4
	+ 2500	7	8	24	6	7	5	4	5
48	- 2500	9	11	27	6	6	4	3	4
	0	8	9	23	6	8	6	5	5
	+ 2500	8	10	26	6	7	6	5	5
60	- 2500	11	12	29	6	7	5	3	4
	0	8	11	25	6	8	7	6	6
	+ 2500	9	11	29	6	7	6	5	6
72	- 2500	12	13	31	7	8	6	4	4
	0	9	12	27	6	8	8	7	7
	+ 2500	10	13	31	5	7	7	6	7

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
16	36x36	36	128	0.01	0.02	0.02	0.03	0.03	0.04	0.04
16	36x36	48	167	0.01	0.02	0.02	0.03	0.03	0.04	0.04
16	36x36	60	205	0.01	0.02	0.02	0.03	0.03	0.04	0.04
16	36x36	72	244	0.01	0.02	0.02	0.03	0.03	0.04	0.04

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

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 on page 4.19.

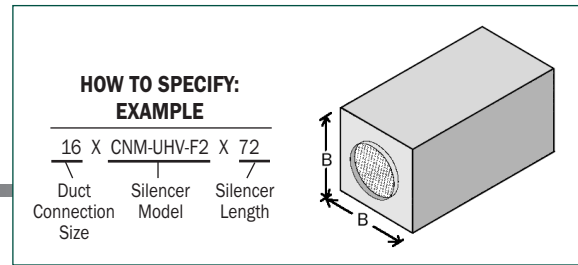
Generated Noise (GN) @ 1.40 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	62	76	56	77	77	79	79	61
	- 2000	61	71	48	69	67	65	65	57
	+ 2000	64	71	48	70	64	63	56	56
	+ 3000	69	78	54	76	70	73	68	66

CERTIFIED PERFORMANCE DATA

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)



LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/DYNAMIC INSERTION LOSS (dB)							
		63	125	250	500	1000	2000	4000	8000
36	- 2500	4	5	10	17	6	3	3	4
	0	3	4	8	12	6	4	4	5
	+ 2500	4	4	8	15	6	5	4	5
48	- 2500	5	5	11	19	6	4	3	4
	0	4	4	9	15	7	5	5	6
	+ 2500	4	5	9	16	6	6	5	5
60	- 2500	6	6	11	22	7	5	3	4
	0	5	5	11	17	8	6	7	7
	+ 2500	5	5	10	17	7	6	5	6
72	- 2500	6	7	12	25	8	5	3	4
	0	5	6	12	19	9	8	8	7
	+ 2500	5	6	11	19	8	7	6	6

See pages 4.1 - 4.25 for selection information.

Pressure Drop (PD)

DUCT CONNECT. SIZE (in.)	B x B (in.)	SILENCER LENGTH (in.)	WEIGHT (lbs)	FACE VELOCITY (feet per minute) / Pressure Drop (in.w.g.)						
				2000	2250	2500	2750	3000	3250	3500
16	24x24	36	78	0.01	0.02	0.02	0.03	0.03	0.04	0.04
16	24x24	48	102	0.02	0.02	0.03	0.03	0.04	0.05	0.05
16	24x24	60	127	0.02	0.03	0.03	0.04	0.05	0.06	0.07
16	24x24	72	152	0.03	0.03	0.04	0.05	0.06	0.07	0.08

☐ : Acceptable (0 - 0.35")

▒ : Caution (>0.35") Pressure Drop may be too high for certain applications

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 on page 4.19.

Generated Noise (GN) @ 1.40 sq.ft. face area

LENGTH (inches)	FACE VELOCITY (feet per minute)	OCTAVE BAND - Hz/GENERATED NOISE (dB re 10 <sup>-12</sup> watts)							
		63	125	250	500	1000	2000	4000	8000
ALL	- 3000	62	75	56	79	79	79	79	57
	- 2000	62	70	48	74	69	67	66	56
	+ 2000	64	71	44	73	64	62	59	57
	+ 3000	69	78	50	79	71	72	72	68