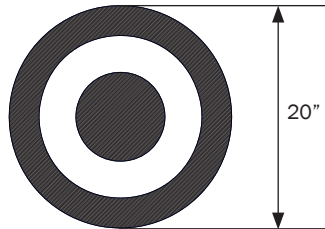


PART NUMBER: AR-12-40-B

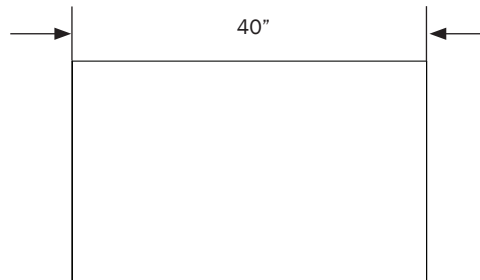
STYLE: 12" with Bullet \*

*\* Contact the factory for all other diameters*

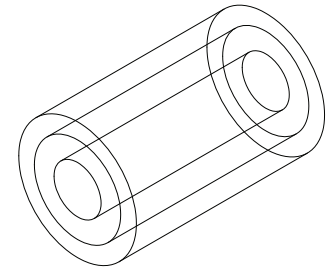
**End View**



**Top View**



**Iso View**



### INFORMATION

Inlet Diameter: 12"  
 Outlet Diameter: 12"  
 Weight (lbs): 52 lbs

Wall thickness: 4"  
 Length: 40"  
 Active Length\*: 36"

*\*Metal inlet inserts 4" into total length*

### PERFORMANCE

Direction: Forward Flow (+)

Dynamic Insertion Loss (dB)

		Octave Band Center Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
Velocity (FPM)	1500	4	6	13	23	34	35	29	26
	750	4	7	14	24	35	35	28	26
	0	5	7	14	25	36	35	28	25

Generated Noise  $L_w$  (dB;  $10^{-12}$  Watts)

		Octave Band Center Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
Velocity (FPM)	1500	66	56	51	47	44	39	35	30
	750	59	44	38	32	28	24	< 20	< 20

FPM	Static Pressure Drop
1500	0.38 iwg
750	0.10 iwg

### NOTES:

Material meets the flame and smoke development of NFPA 90 – of < than 25 flame and < 50 smoke development when tested in accordance with ASTM E84.

The laboratory method used in conducting sound testing in accordance with ASTM Standard E477-2013 (standard test method for laboratory measurements of acoustical and airflow performance of duct liner materials and pre-fabricated silencers). Sound pressure level data was obtained using a Brüel and Kjaer Pulse Analyzer.