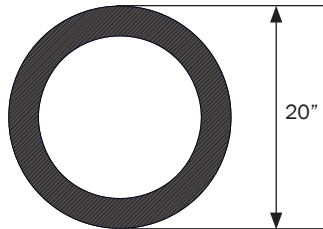


PART NUMBER: AR-12-40-A

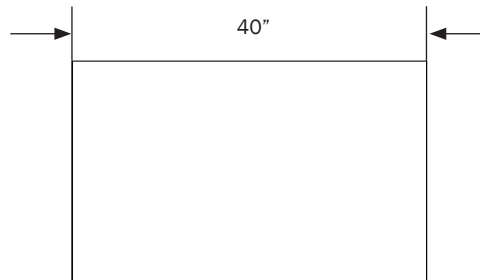
STYLE: 12" without Bullet *

** Contact the factory for all other diameters*

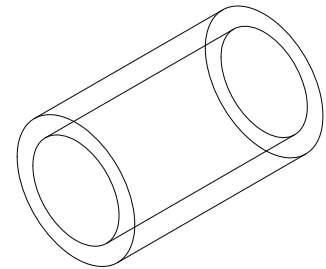
End View



Top View



Iso View



INFORMATION

Inlet Diameter: 12"
 Outlet Diameter: 12"
 Weight (lbs): 48 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	3	5	10	14	24	26	15	13
	750	4	5	10	15	25	27	15	13
	0	4	6	11	16	26	27	16	14

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

		Octave Band Center Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
Velocity (FPM)	1500	63	55	49	43	42	37	34	25
	750	54	43	36	30	29	22	< 20	< 20

FPM	Static Pressure Drop
1500	0.10 iwg
750	0.03 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.