

# VERTICAL WEATHERPROOF EXHAUST SILENCER

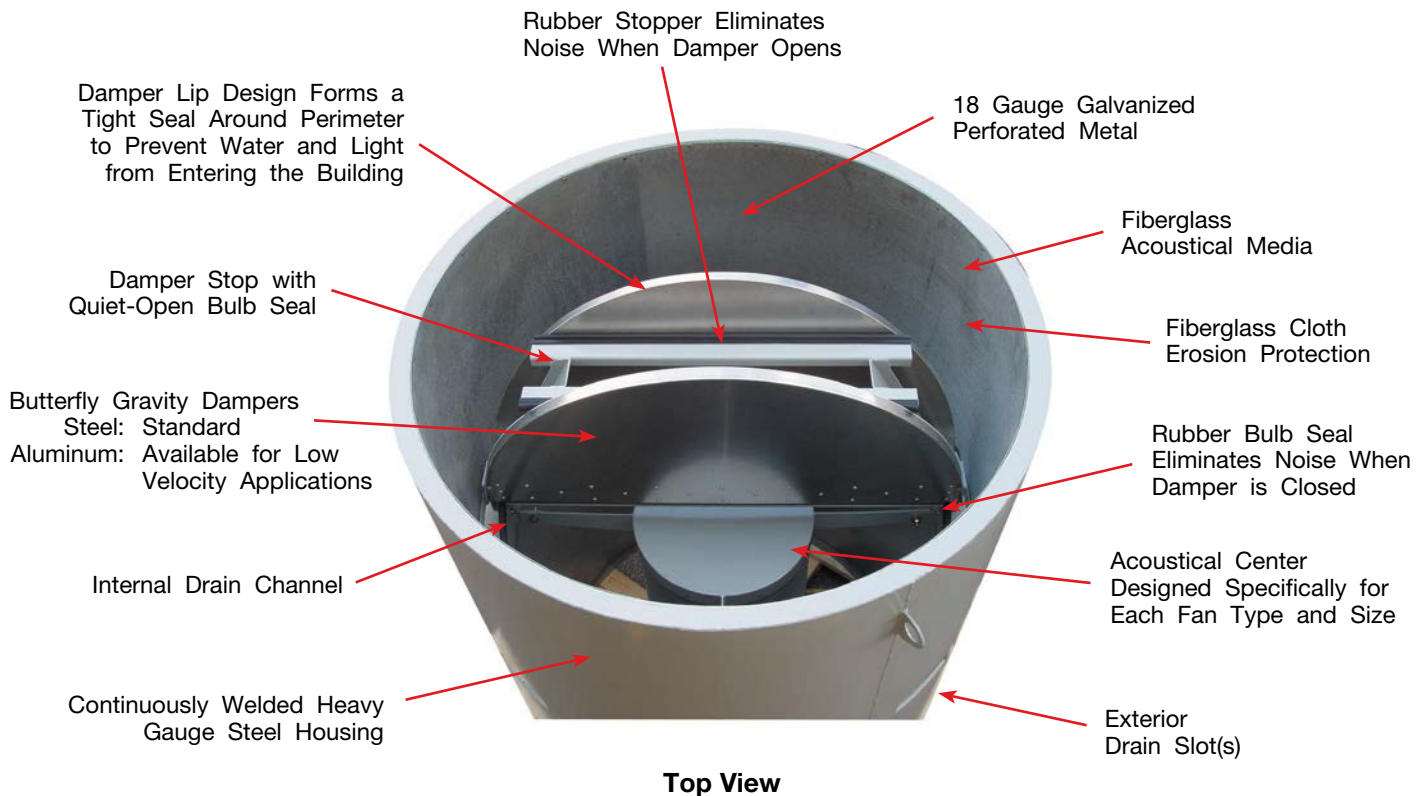


Elevation View

## Description:

- Weatherproof sound attenuation device (Patent No. US 6,457,550 B1) for outdoor vertical up airflow applications
- One-piece construction combines silencer and backdraft damper
- Unitary construction reduces field installation time and cost. Less labor required for assembly/erection onto fan tower
- Improves the appearance of fan tower (fewer bolted connections)
- Unique design allows rainwater to drain through slots to exterior of unit
- Overall length is less than traditional silencer/damper

## Mechanical Features

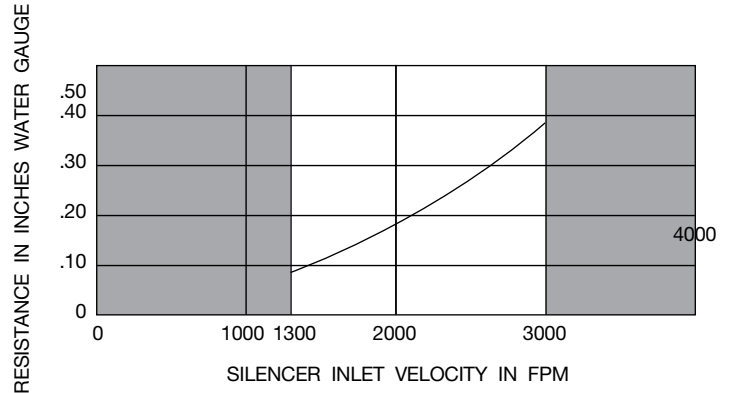


Top View

# Acoustical Data Pressure Loss Data

OCTAVE	63	125	250	500	1K	2K	4K	8K
Typical Insertion Loss	3	10	14	14	15	15	12	10

LW - Sound Power (dB) RE: 10-12 Watts  
 LP - Sound Pressure (dB) RE: 0.0002 MB

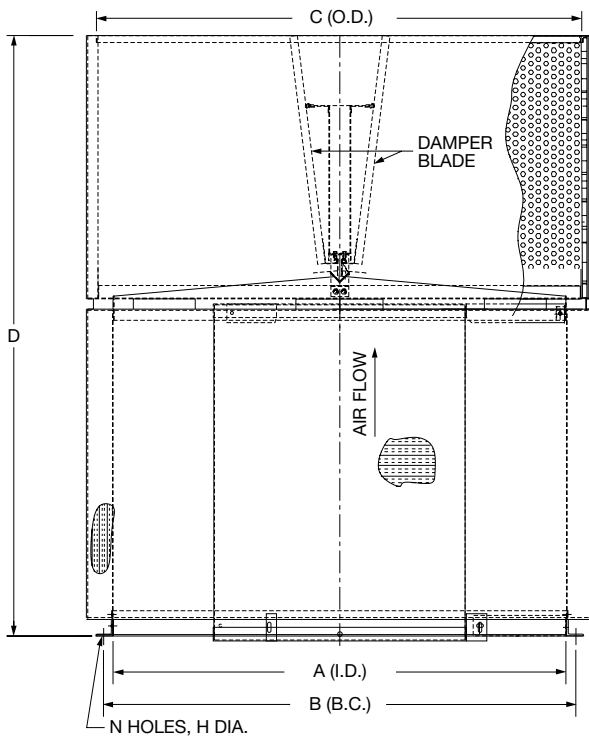


## Insertion Loss

The difference in sound power between the fan *without* a silencer and the fan *with* a silencer.

OUTLET VELOCITY (FPM)	STEEL	ALUMINUM
Min.	1700	1300
Max.	3000	3000

# Dimensional Data



SIZE	DIMENSIONS (IN.)				H	N	APPROX. WEIGHT
	A	B	C	D			
42	42.44	44.31	50.81	65	0.44	16	796
48	48.56	50.81	57.00	71			988
54	54.50	56.81	63.00	77			1,185
60	60.50	62.81	69.00	83	0.56	24	1,231
72	72.75	76.63	81.00	96			1,900
84	84.88	88.75	93.25	112			2,552