

# STRAIGHT RECTANGULAR SILENCER SUBMITTAL



## PROJECT DETAILS

Project Number:	
Project Name:	
Customer:	
Project Date:	
Revision No:	
Revision Date:	

## SILENCER DIMENSIONS

Tag:	SA-1
Qty:	1
System:	NA
Width:	120
Height:	90
Length:	84
Model:	
Weight (lb):	2112
VRS Type	0.5
Unit Size:	22.5

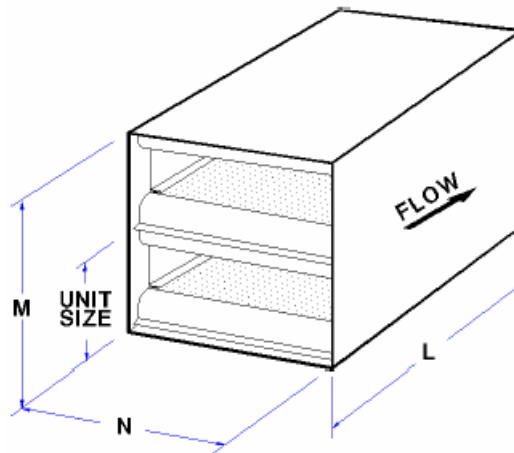
Face Velocity (fpm):	533
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### Dynamic Insertion Loss

Hz	dB
63:	14
125:	22
250:	34
500:	49
1000:	50
2000:	51
4000:	28
8000:	21

### Airflow Generated Noise

Hz	dB
63:	61
125:	56
250:	49
500:	47
1000:	48
2000:	49
4000:	47
8000:	45



- Silencer dimensions to be confirmed by customer prior to fabrication.
- The installed silencer pressure drop may be higher due to system effects caused by the location of the duct elements upstream and downstream of the silencer.
- Tolerances are +/- 1/8" on all silencer units. If silencers are banked or paired the compound tolerance needs to be allotted by the contractor.
- Silencer acoustic and aerodynamic performance data are in accordance with ASTM E 477-99
- Flame spread/smoke developed indexes in accordance with ASTM C 1071-05
- Tested data tolerances are in accordance with AMCA 1011-03

## SILENCER CONSTRUCTION OPTIONS

Casing Thickness:	22 gauge
Perforated Lining Thickness:	22 gauge
Material:	Galvanized Steel
Acoustic Media:	Fiberglass (standard)
Media Covering:	None
Inlet Flange:	1 in slip flange (standard)
Outlet Flange:	1 in slip flange (standard)

### Notes: