

Smoke Damper ▲ Single Thickness Blades ▲ Leakage Class II ▲ 250°F Rated ▲ Stainless Steel

OPERATIONAL RATING

Maximum Differential Pressure: 4 in. w.g.
 Maximum Face Velocity: 2000 fpm (3000 fpm for selected size/actuator combinations)

LEAKAGE RATING

UL Class I
 10 cfm per sq.ft. maximum @ 1 in. w.g.
 20 cfm per sq.ft. maximum @ 4 in. w.g.

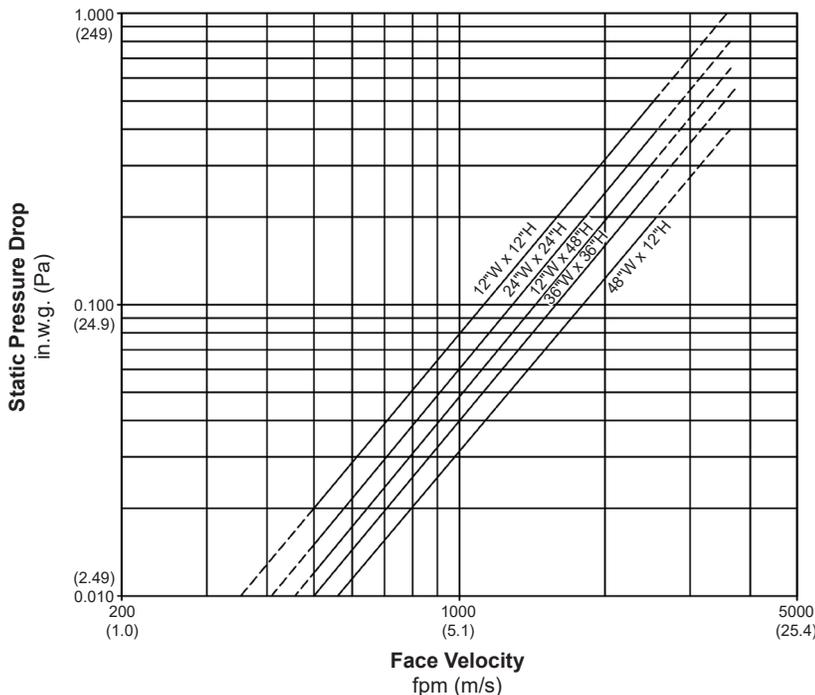
SOUND RATING

The Noise Criterion data below was tested in accordance with ASTM E477.99 in the center octave band.

Damper Size	Noise Criterion (NC)			
	Velocity (fpm)			
	1000	2000	3000	4000
12"W x 12"H	31	53	64	71
24"W x 24"H	33	54	65	n/a

PRESSURE DROP RATING

The pressure drop data shown below is based on laboratory conditions. The test setup does not take into account elbows or other duct fittings that are part of every actual duct system. The configuration of the actual duct system immediately upstream and downstream of the damper often contributes more pressure loss than the damper itself.



Tested in accordance with AMCA Standard 500D, Figure 5.3
 Intake air converted to standard air density.



Air Balance certifies that the S2(SS) damper shown here is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance Ratings only.