PERFORMANCE DATA:
MODELS: 2010 AND 2020

DYNAMIC LIMITATIONS:

Damper Width		Maximum System Pressure	Maximum System Velocity
in.	mm		
60	1524	5.0" w.g.	3000 fpm
48	1219	8.0" w.g.	4000 fpm
36	914	10.0" w.g.	4500 fpm
24	610	12.0" w.g.	5000 fpm
12	305	14.0" w.g.	6000 fpm

The 2000 Series with its standard maximum single section and multiple section sizing limitation may be used in applications with system pressures of up to 5.0" w.g.. The 2000 Series may also be used in systems with higher total pressures by reducing the damper section width as shown in the table.

LEAKAGE CLASS:

Damper Width	@ 1" w.g. (0.25 kPa)	@ 4" w.g. (1.0 kPa)
12" (305)	1A	1
24" (610)	1A	1
36" (914)	1A	1
48" (1219)	1A	1
60" (1524)	1A	1

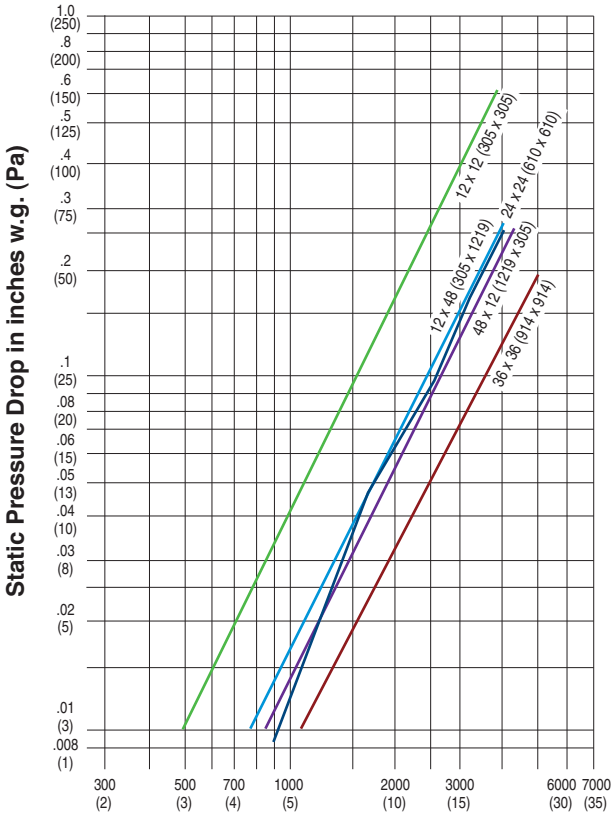
Maximum leakage permitted for Class rating is as follows:

Class 1A: 3 cfm/sq. ft. @ 1" w.g. (15.2 l/s/m² @ 0.25 kPa)

Class 1: 8 cfm/sq. ft. @ 4" w.g. (41 l/s/m² @ 1.0 kPa)

Leakage tested in accordance with AMCA Standard 500-D. Data based on a torque of 8" lbs./sq. ft. (minimum 20" lbs.) applied to hold the damper in closed position. Leakage class is based on operation between 50°F and 104°F (10°C and 40°C). Data corrected to standard air density of 0.075 lbs./ft.³

PRESSURE DROP (damper fully open):



Pressure drop tested per AMCA Standard 500-D, Figure 5.3.
Data corrected to standard air density of 0.075 lbs/ft.³.

Nailor Industries Inc. certifies that the Model 2020 Damper shown herein 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 leakage ratings and air performance ratings. Model 2010 is not licensed to bear the AMCA seal.