

## PERFORMANCE DATA:

### MODEL SERIES: 1220 - 1 1/2 HOUR LABEL AND 1220-3 - 3 HOUR LABEL

#### LEAKAGE CLASS:

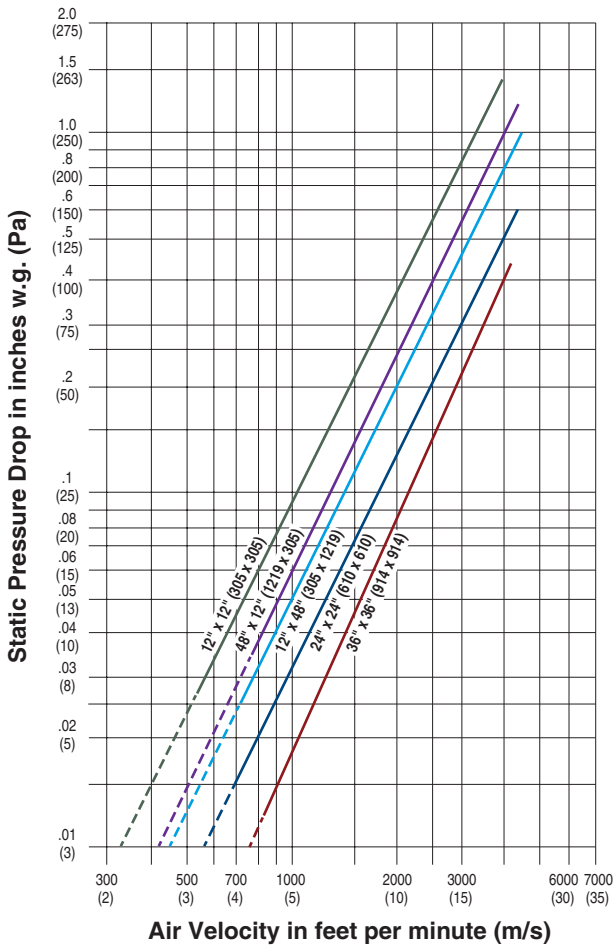
The 1220 Series Combination Fire/Smoke Damper has been designed and qualified under UL 555S in order to provide maximum system design flexibility. They are available with a Class I (currently the lowest available) or Class II leakage rating with all damper/actuator assemblies having been tested successfully at an elevated temperature of 250°F (121°C) or 350°F (177°C), dependent on actuator under airflow of 2000 fpm @ 4" w.g. (10 m/s @ 1 kPa). The 1220 Series has also qualified under extended testing up to 4000 fpm (20 m/s) and 8" w.g. (2 kPa), with some size and actuator restrictions.

The 1220-3 Series Combination Fire/Smoke Damper has been designed and qualified under UL 555S in order to provide maximum system design flexibility. They are available with a Class I (currently the lowest available) or Class II leakage rating with all damper/actuator assemblies having been tested successfully at an elevated temperature of 250°F (121°C) or 350°F (177°C), dependent on actuator under airflow of 2000 fpm @ 4" w.g. (10 m/s @ 1 kPa). The 1220-3 Series has also qualified under extended testing up to 4000 fpm (20 m/s) and 8" w.g. (2 kPa), with some size and actuator restrictions.

1220 Series - Maximum Performance Ratings	
UL 555 Fire Rating	1 1/2 Hour
UL 555S Leakage Rating	Class I
Maximum Velocity	4000 fpm (20 m/s)
Maximum Pressure	8 in. w.g. (2 kPa)
Maximum Temperature	350°F (177°C)

1220-3 Series - Maximum Performance Ratings	
UL 555 Fire Rating	3 Hour
UL 555S Leakage Rating	Class I
Maximum Velocity	4000 fpm (20 m/s)
Maximum Pressure	8 in. w.g. (2 kPa)
Maximum Temperature	350°F (177°C)

#### PRESSURE DROP:



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



Nailor Industries Inc. certifies that the Models 1220 and 1220-3 Dampers shown herein are 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.

COMBINATION FIRE/SMOKE DAMPERS

