

COMBINATION FIRE/SMOKE DAMPERS

UL 555/UL 555S
CLASSIFIED

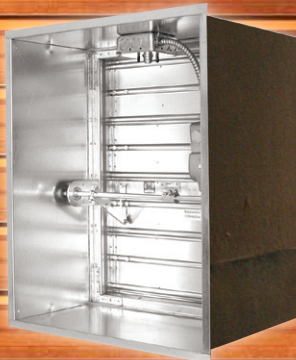


MODEL SERIES:
1220(SS)(-3)

**Steel
Airfoil Blade**

Min. Single Section	V/H: 6" x 6" (152 x 152) or 8 x 8 (203 x 203)
Max. Single Section	V: 36" x 48" (914 x 1219) H: 32" x 48" (813 x 1219)
Max. Multiple Section	V: 144" x 96" (3658 x 2438) H: 128" x 96" (3251 x 2438)

- AMCA Licensed
- 1-1/2 hour and 3 hour label available, use Model 1220(SS)-3
- Class I or Class II leakage @ 250°F (121°C) or 350°F (176°C)
- Dynamic Velocity/Pressure ratings up to 4000 fpm @ 8 in. w.g. (20 m/s @ 2 kPa)
- Electric or pneumatic actuators available, fail closed/open
- Optional DTS damper test switch, duct smoke detectors, DTO dual temperature override sensor, MLS-300 position indicator, QS1/QS2 quick-set retaining angles, and other options available
- Use Model 1220SS(-3) for Type 304 S. S. construction

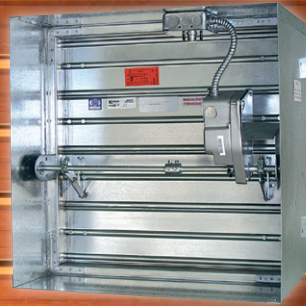


MODEL SERIES:
1221-OW

**Out of Wall
Steel Airfoil Blade**

Min. Single Section	(ELE) V/H: 12" x 8" (305 x 203) or 8" x 12" (203 x 305)
	(PNU) V/H: 8" x 20" (203 x 508)
Max. Single Section	V: 36" x 48" (914 x 1219) H: 32" x 48" (813 x 1219)

- 1-1/2 hour label
- Class I leakage @ 250°F (121°C) or 350°F (176°C)
- Dynamic Velocity/Pressure ratings up to 4000 fpm @ 8 in. w.g. (20 m/s @ 2 kPa)
- Electric or pneumatic actuators available, fail closed
- Grille mount w/ actuator access, use Model 1221-DOW for ducted applications
- Optional DTS damper test switch, duct smoke detectors, S. S. bearings, DTO dual temperature override sensor, MLS-300 position indicator, QS1 quick set retaining angle (one side), and other options available



MODEL SERIES:
1221C(-1)(-2)(-3)(-4)

**Tunnel Corridor
Steel Airfoil Blade**

Min. Single Section	8" x 8" (203 x 203)
Max. Single Section	24" x 24" (610 x 610)

- 1 hour label
- Class I leakage @ 250°F (121°C) or 350°F (176°C)
- Maximum Dynamic Velocity/Pressure rating of 2000 fpm @ 4 in. w.g. (10 m/s @ 2 kPa)
- Electric or pneumatic actuators available, fail closed
- Optional DTS damper test switch, duct smoke detectors, S. S. bearings, DTO dual temperature override sensor, MLS-300 position indicator, factory-mounted upper/lower retaining angles, and other options available
- Use Model 1221C-4 for grille-side actuator access



MODEL SERIES:
1220M(-3)

**Modulating Steel
Airfoil Blade**

Min. Single Section	V/H: 6" x 6" (152 x 152) or 8" x 8" (203 x 203)
Max. Single Section	V: 36" x 48" (914 x 1219) H: 32" x 48" (813 x 1219)
Max. Multiple Section	V: 144" x 96" (3658 x 2438) H: 128" x 96" (3251 x 2438)

- 1-1/2 hour label and 3 hour label available, use Model 1220M-3
- Class I leakage @ 250°F (121°C)
- Maximum Dynamic Velocity/Pressure rating of 2000 fpm @ 4 in. w.g. (10 m/s @ 2 kPa)
- Electric or pneumatic actuators available, fail closed
- Optional DTS damper test switch, duct smoke detectors, S. S. bearings, DTO dual temperature override sensor, MLS-300 position indicator, QS1/QS2 quick set retaining angles, and other options available



MODEL SERIES:
1270

**Steel
Vee Blade**

Min. Single Section	V/H: 8" x 8" (203 x 203)
Max. Single Section	V: 36" x 48" (914 x 1219) H: 30" x 40" (762 x 1016)
Max. Multiple Section	V: 72" x 48" (1829 x 1219) or 36" x 96" (914 x 2438) H: 60" x 40" (1524 x 1016) or 30" x 80" (762 x 2032)

- 1-1/2 hour label
- Class I or Class II leakage @ 250°F (121°C) or 350°F (176°C)
- Maximum Dynamic Velocity/Pressure rating of 2000 fpm @ 4 in. w.g. (10 m/s @ 2 kPa)
- Electric or pneumatic actuators available, fail closed
- Variety of transition styles/factory mounted sleeves available
- Optional DTS damper test switch, duct smoke detectors, DTO dual temperature override sensor, S. S. bearings, MLS-300 position indicator, QS1/QS2 quick set retaining angles, and other options available



MODEL SERIES:
1290FS(-SS)

**Steel
True Round**

Min. Diameter	6" (152) Dia.
Max. Diameter	24" (610) Dia.

Dampers available in 2" (51) increments.

- 1-1/2 hour label
- Class I Leakage @ 250°F (121°C) or 350°F (176°C)
- Dynamic Velocity/Pressure ratings up to 4000 fpm @ 4 in. w.g. (10 m/s @ 2 kPa)
- Electric or pneumatic actuators available, fail closed
- Optional DTS damper test switch, DTO dual temperature override sensor, S. S. bearings, MLS-300 position indicator, MLS-400 electric fire sensor, QS1/QS2 quick set retaining angles, and other options available
- Use Model 1290FS-SS for Type 304 S. S. construction

NOTE: Max size and performance varies across models. Check submittal data sheets and RAPP for the most up to date information.



Per NFPA 80 & 105, Combination Fire/Smoke Dampers require inspection and testing 1 year after installation and every 4 years thereafter, except in hospitals, where the frequency is every 6 years.

For the most up to date information, go to nailor.com