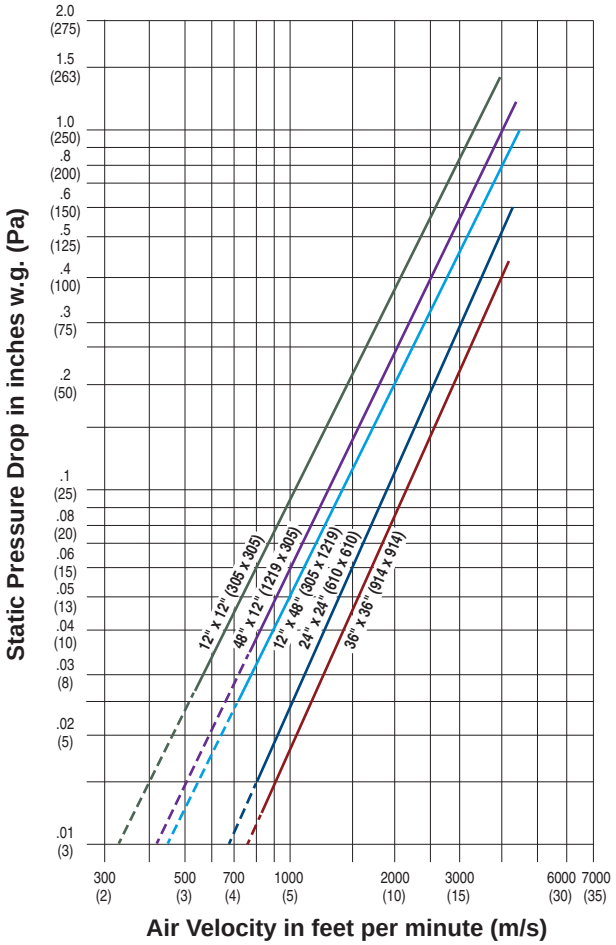
PERFORMANCE DATA:

MODELS: 1201-MDG AND 1201-MDS

PRESSURE DROP:



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

HOW TO SPECIFY

SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, Multi-Blade Marine Fire Dampers as manufactured by Nailor Industries, Inc. which meet or exceed the following criteria: Dampers shall be tested and rated in accordance with the latest edition of International Maritime Organization Fire Test Procedures Code Coast Guard Approval Type A-60 and also bear the European Wheel Mark in accordance with Marine Equipment Directive 96/98/EC.

Frame shall be constructed of 16 ga. (1.6) (**specifier to select**) galvanized steel (**Model 1201-MDG**) **or** Type 304 Stainless Steel (**Model 1201-MDS**) **or** Type 316 Stainless Steel (**Model 1201-MDS**) hat channel with mitered corners reinforced with die-formed corner gussets for strength. Blades shall be 14 ga. (2.0) equivalent (**specifier to select**) galvanized steel (**Model 1201-MDG**) **or** Type 304 Stainless Steel (**Model 1201-MDS**) **or** Type 316 Stainless Steel (**Model 1201-MDS**) formed double skin, airfoil design, on 5 1/2" (140) centers. Dampers shall be of opposed blade configuration with an interlocking blade design. Blade seals are not acceptable. Damper shall be equipped with stainless steel jamb seals for low leakage performance. Bearings shall be (**specifier to select**) self-lubricating oilite bronze type (**Model 1201-MDG**) **or** Stainless Steel (**Model 1201-MDS**). Blade linkage shall be zero-maintenance, concealed in frame, out of airstream.

The heat responsive device shall have a temperature rating of (**specifier select temperature**) 165°F (74°C) **or** 212°F (100°C). Appropriate externally mounted electric actuators shall be installed by the damper manufacturer in the factory. Actuators shall incorporate an OEM internal spring return mechanism, external after-market spring mechanisms are not acceptable. Damper and actuator assembly shall be factory cycled a minimum of 3 times to ensure correct operation.

Standard of acceptance shall be Nailor Model (**specifier to select**) 1201-MDG (Galvanized Steel) **or** 1201-MDS (Stainless Steel).