

# Nailor GOES TO "THE WALL" FOR YOU

**INTRODUCING THE 1220 AIRFOIL COMBINATION FIRE/SMOKE DAMPER  
...AN OPPORTUNITY TO FURTHER IMPROVE LIFE SAFETY AND REDUCE PROPERTY DAMAGE!**

Low leakage fire/smoke dampers commonly incorporate a synthetic blade-to-blade seal in order to maintain their leakage class under elevated temperature conditions - the smoke control mode.

The weakness until now has been that when the damper is subjected to a fire condition the seals burn out. This permits significant leakage! In fact UL 555 standard permits gaps between the damper blades of up to 3/4" (19) during the fire test, thus allowing significant quantities of smoke to pass through a closed damper under fire conditions.

Nailor's "The Wall" provides an innovative inter-locking double-skin airfoil blade which eliminates the need for seals. "The Wall" maintains a complete barrier throughout the fire test with absolutely no visible through gaps. In fact, when this design was recently tested to ISO Standard 10294-1 it maintained its cold leakage rating throughout a 4 hour fire test at temperatures up to 2000°F (1093°C).

Amazingly, "The Wall" gets tighter as it gets hotter!



- **Airfoil blade, double-skin design, provides extremely low pressure drop for optimal system performance.**
- **Largest multiple-section, vertical/horizontal, UL listing 144" x 96".**
- **Fail-safe! High torque spring/fusible link design provides the security of assured closure under fire conditions, independent of the actuator.**
- **Dual direction airflow.**
- **UL 555 Classified Dynamic Fire Damper 1 1/2 hour and 3 hour label.**
- **UL 555S Classified Smoke Damper Class I at 350°F elevated Temperature.**
- **Meets all the requirements of NFPA 90A and 92A.**
- **GRILLES, REGISTERS AND DIFFUSERS**
- **FIRE, CEILING, CONTROL, AND FIRE/SMOKE DAMPERS**
- **DUCT ACCESS DOORS**
- **SINGLE, DUAL, FAN POWERED AND RETROFIT TERMINAL UNITS**
- **ELECTRIC DUCT HEATERS**

**AT NAILOR, TOMORROW'S IDEAS ARE TODAY'S REALITIES**

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