HOW TO SPECIFY

MODEL SERIES: D0500 - 3 HOUR LABEL
DYNAMIC CURTAIN FIRE DAMPERS

SUGGESTED SPECIFICATION

Provide and install, as shown on plans and/or schedules, Dynamic Curtain Fire Dampers as manufactured by Nailor Industries, Inc. which meet or exceed the following criteria: Fire dampers shall meet the requirements of NFPA 80, 90A and 101 and shall be manufactured, tested and labeled in accordance with UL 555, including a Dynamic Closure Test. Each damper shall bear a UL 3 hour fire resistance rating label and in addition, a label verifying the airflow and closure pressure ratings as established by the Dynamic Closure Test. Dampers shall be classified for dynamic closure against a minimum airflow velocity of 2000 at 4" w.g. (10 m/s @ 1 kPa) static pressure differential and shall be marked with the words "For use in dynamic systems". Dampers marked "For use in static systems only" are not acceptable. Damper shall be tested and approved for either vertical or horizontal mounting as required for each specific location.
Frame shall be constructed of 22 ga. (0.85) roll formed G60 galvanized steel and include sleeve of appropriate length/gauge with Nailor 'Quick-Set' retaining angles supplied by damper manufacturer to ensure proper installation in accordance with damper manufacturer's instructions. Blades shall be curtain type interlocking blades constructed of 22 ga. (0.85) roll formed G60 galvanized steel. Damper shall be complete with stainless steel closure springs, galvanized steel locking ramps and a **(specifier select temperature)** 165°F (74°C) or 212°F (100°C) UL Listed fusible link. Contractor shall provide and install an access door at each fire damper of appropriate size to allow for inspection, testing and fusible link replacement Data submitted for approval shall include confirmation of UL qualifications in addition to manufacturer's installation instructions. Each shipment of fire dampers shall include same installation instructions. Standard of acceptance shall be Nailor Model Series D0500 Dynamic Curtain Fire Dampers.