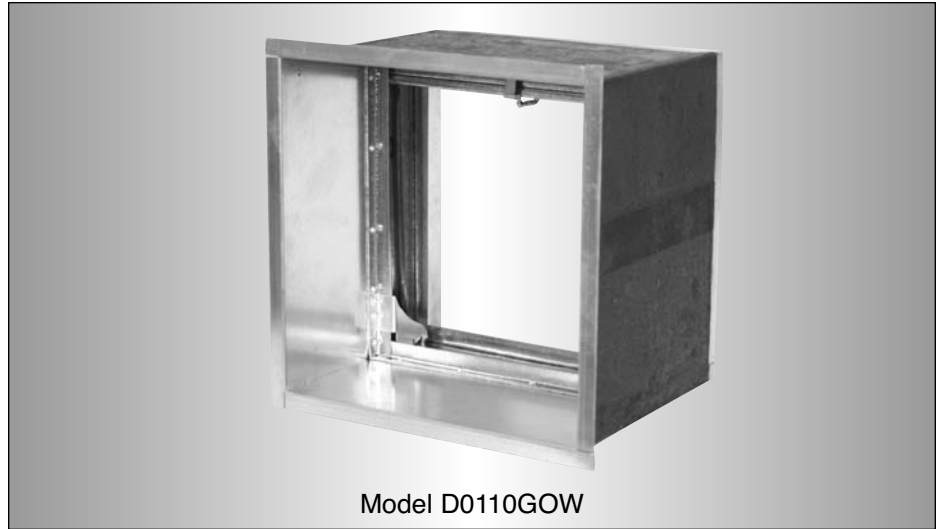


- INTEGRAL "OUT OF WALL" SLEEVE FOR USE WITH GRILLE
- FOR USE IN DYNAMIC SYSTEMS
- 1 1/2 HOUR RATING
- UL 555 CLASSIFIED

MODEL: D0110GOW



Model D0110GOW

D

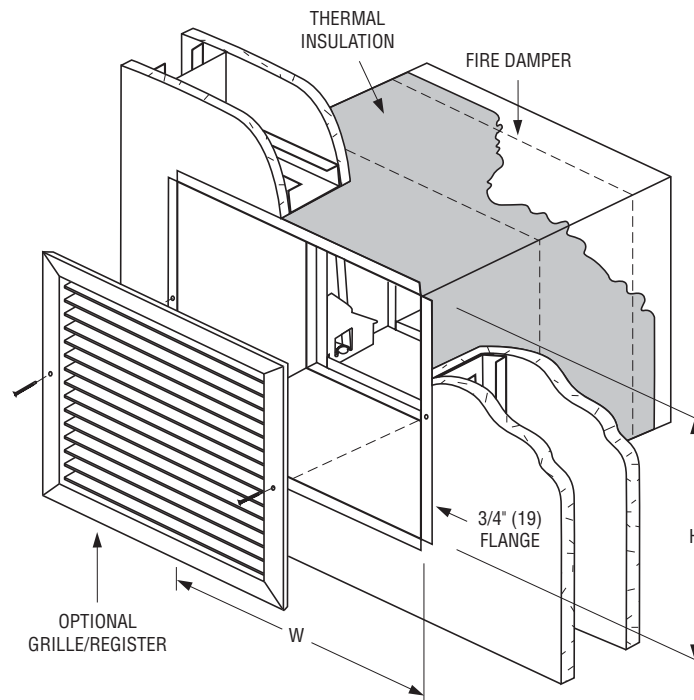
CURTAIN FIRE DAMPERS

The Model D0110GOW is an "out of wall or floor" integral sleeve dynamic curtain type fire damper, specifically designed for supply or return ducts that terminate at a grille or register. For use where local building codes require the protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of up to two hours.

The D0110GOW design provides sufficient damper off-set to accommodate most commercial grille/register designs while ensuring an approved installation in any fire partition or wall no matter how narrow. This model is particularly suited for use in common steel stud drywall partition designs, as narrow as 3 1/2" (89) where a traditional "within the plane of the wall" fire damper installation is not possible.

### CONSTRUCTION DETAILS:

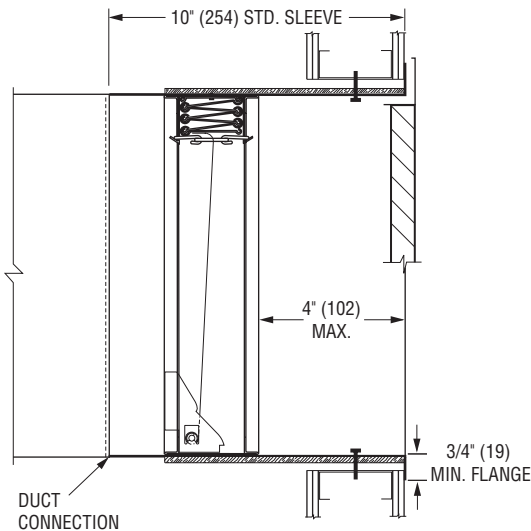
|                                  | D0110GOW<br>(Type A)  |
|----------------------------------|---|
| <b>FRAME:</b>                    | 4 1/4" (108) wide, 22 ga. (0.85) roll-formed G60 galvanized steel   |
| <b>BLADES:</b>                   | Curtain type, interlocking blades, 22 ga. (0.85) roll-formed G60 galvanized steel   |
| <b>STANDARD SLEEVE:</b>          | 10" (254) x 16 ga. (1.6) galvanized steel with 3/4" (19) wide grille mounting flanges; intumescent thermal insulation on all four sides |
| <b>FUSIBLE LINK: (UL Listed)</b> | 165°F (74°C) Std. 212°F (100°C) available   |
| <b>BLADE CLOSURE:</b>            | Stainless steel closure springs and galvanized steel locking ramps  |
| <b>MOUNTING:</b>                 | Vertical or Horizontal  |
| <b>OPTIONAL GRILLE:</b>          | Steel or aluminum grille or register; Select model from Nailor Air Distribution   |



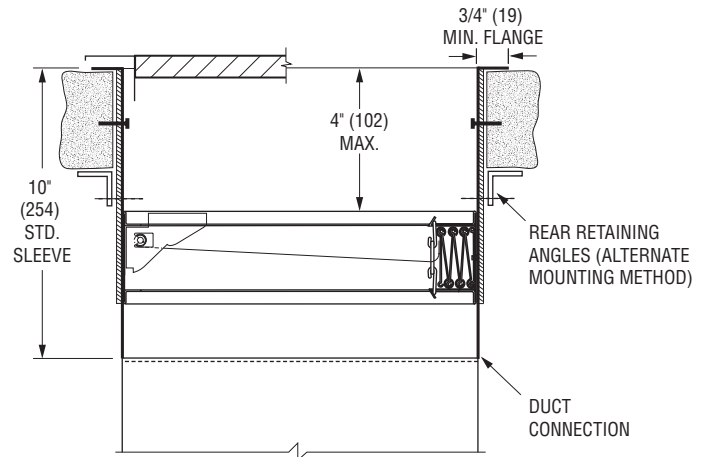
MODEL D0110GOW

For MIN./MAX. UL SIZES see chart on page D9.

## MODEL: D0110GOW



**VERTICAL MOUNT**



**HORIZONTAL MOUNT**

**D**

**CURTAIN FIRE DAMPERS**

## HOW TO SPECIFY

### SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and as described in specifications, Dynamic rated "out of wall" fire dampers for use with grilles, as manufactured by Nailor Industries, meeting or exceeding the following criteria: Fire dampers shall meet the requirements of NFPA 90A and shall be manufactured, tested and labeled in accordance with UL 555 Safety Standard for Fire Dampers - Sixth Edition, June 1999, including Dynamic Closure Test (formerly the Operation Test). Dampers shall be classified for dynamic closure against an airflow velocity of 2000 fpm (10.16 m/s) at 4" w.g. (1 kPa) static pressure differential (across closed damper).

Each fire damper shall bear a UL 1 1/2 hour fire resistance rating label in addition to a label verifying the airflow and closure pressure ratings as established by the Dynamic Closure Test. Each fire damper shall also be marked with the words "For use in dynamic systems". Dampers marked "For use in static systems only" are not acceptable.

Each fire damper shall be complete with a 165°F (74°C) UL Listed fusible link. In addition, each fire damper shall be provided from the factory in an integral 16 ga. (1.6) galvanized steel insulated sleeve with grille mounting flanges.

Data submitted for approval shall include confirmation of UL qualifications in addition to manufacturer's installation instructions. Fire dampers shall be installed in accordance with manufacturer's instructions and same installation instructions shall be included with each fire damper shipment. Dynamic rated "out of wall" fire dampers shall be Nailor Industries Model D0110GOW.