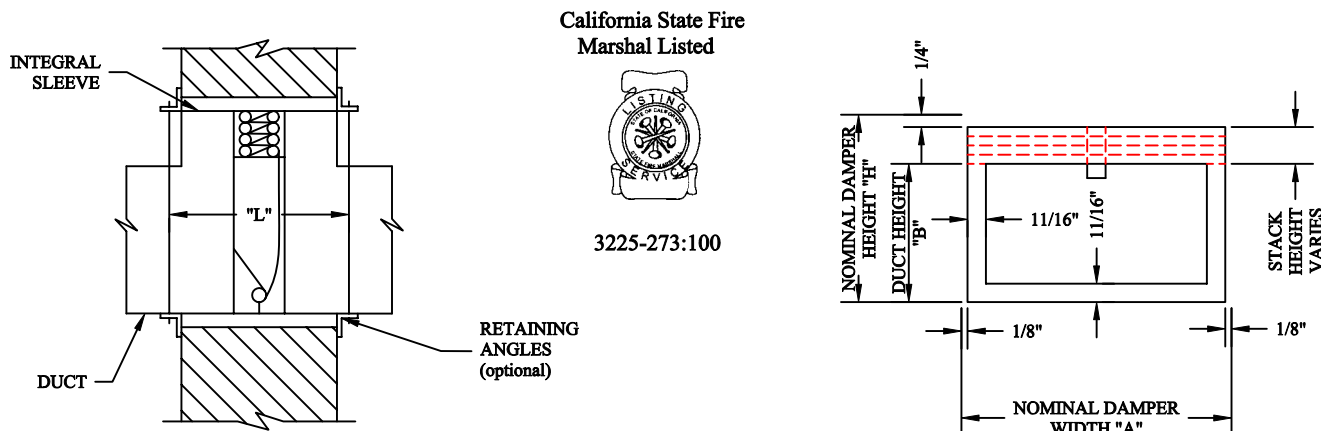


Model D Series 255 Dynamic Fire Damper

Vertical Mount (Horizontal Air Flow) - Type BX

Integral Sleeve Fire Damper



3 HR. RATED

Model: D-255

1. Frame is rollformed 20 ga. galvanized steel.
2. Blades are rollformed 22 ga. galvanized steel.
3. Frame "L" dimension is standard 12"
4. Wall or floor opening should exceed nominal sleeve dimension by 1/8" for each linear foot of width and height.
5. Fusible Link: 165°F standard, other UL listed links optional.
6. Operated by 2 Stainless Steel constant tension springs.
7. Maximum Size: 36"w x 32.5"h single section.

No Sleeve Required
When duct thickness is 20 ga. or less,
and Slip Joints are used, per UL 555.

Options:

1. Sleeve length: 14" to 22" and gauge: 20 to 18.
2. Retaining angles: 16 ga, 14 ga, 10ga, or WAA.
3. 18 gauge rollformed frame is available at an additional cost.

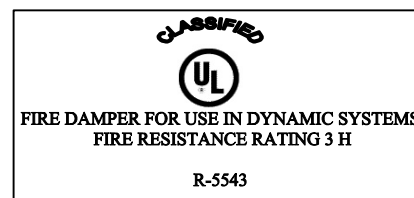
Notes:

For proper operation all dampers must be installed square and free from racking. Model D-255-BX is for mounting in a vertical position for horizontal air flow. It is for the protection of penetrations in fire partitions, or fire walls, whether these penetrations are for ductwork or wall openings without ductwork. Unit furnished approximately duct size. Opening must be 1/4" - 1/2" larger than the duct size. Units are approved for dynamic systems. This unit is UL Listed for 3 hour fire walls. The damper meets or exceeds the requirements of NFPA Bulletin 90A, UL standards 555, comply with NFPA Bulletin 80, and meet or exceed California State Fire Marshall's Requirements. A dynamic system is one in which the fan/system does not shut down during a fire alarm for smoke removal.

255-BX

Duct Height "B"	Nominal Damper Height "H"
4-14	D + 2
15-19	D + 2.5
20-27	D + 3
28-32.5	D + 3.5

Nominal damper width is same as duct.



JOB: _____
 LOCATION: _____ JOB NO.: _____
 ENGINEER: _____ REPRESENTATIVE: _____
 CONTRACTOR: _____ DATE: _____

LEADER
Dampers & Louvers

P.O. Box 40913
Nashville, TN 37204
www.leaderindustries.com
A Division of Leader Industries, Inc.

Approval: _____