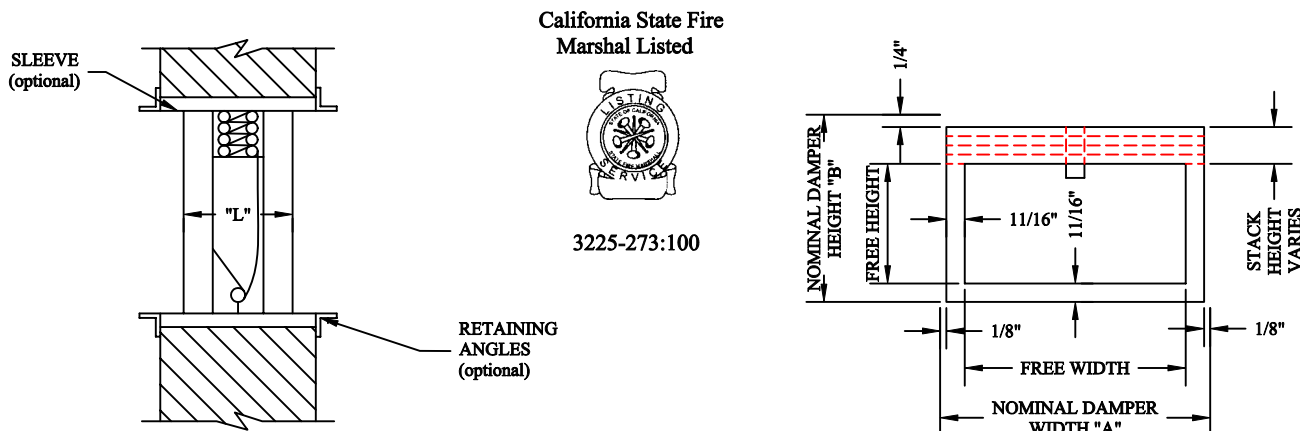


# Model D Series 255 Dynamic Fire Damper

## Vertical Mount (Horizontal Air Flow) - Type A



### 3 HR. RATED

#### Model: D-255

1. Frame is rollformed 22 ga. galvanized steel.
2. Blades are rollformed 22 ga. galvanized steel.
3. Frame: 5" "L" dimension, galvanized steel.
4. Wall or partition 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 36"h single section.

255-A

FREE "B" HEIGHT	FREE "B" HEIGHT	FREE "B" HEIGHT	FREE "B" HEIGHT
6 3.88	16 13.19	26 22.19	36 31.31
8 5.81	18 15.06	28 24.06	
10 7.69	20 16.75	30 25.75	
12 9.56	22 18.75	32 27.75	
14 11.19	24 20.69	34 29.69	

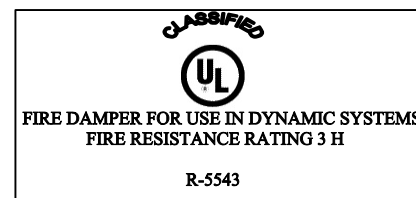
Free Width of damper equals "A" - 1.63

#### Notes:

For proper operation all dampers must be installed square and free from racking. Model 255 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.

Model D-255 Fire Dampers are listed by Underwriters' Laboratories, Inc. for 3 hour rating. The dampers meet the requirements of NFPA 90A, U.L. Standard 555, comply with NFPA Bulletin 80, and meet or exceed California State Fire Marshal's Requirements.

A dynamic system is one in which the fan/system does not shut down during a fire alarm for smoke removal.



JOB: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_ JOB NO.: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_ REPRESENTATIVE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_



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Approval: \_\_\_\_\_