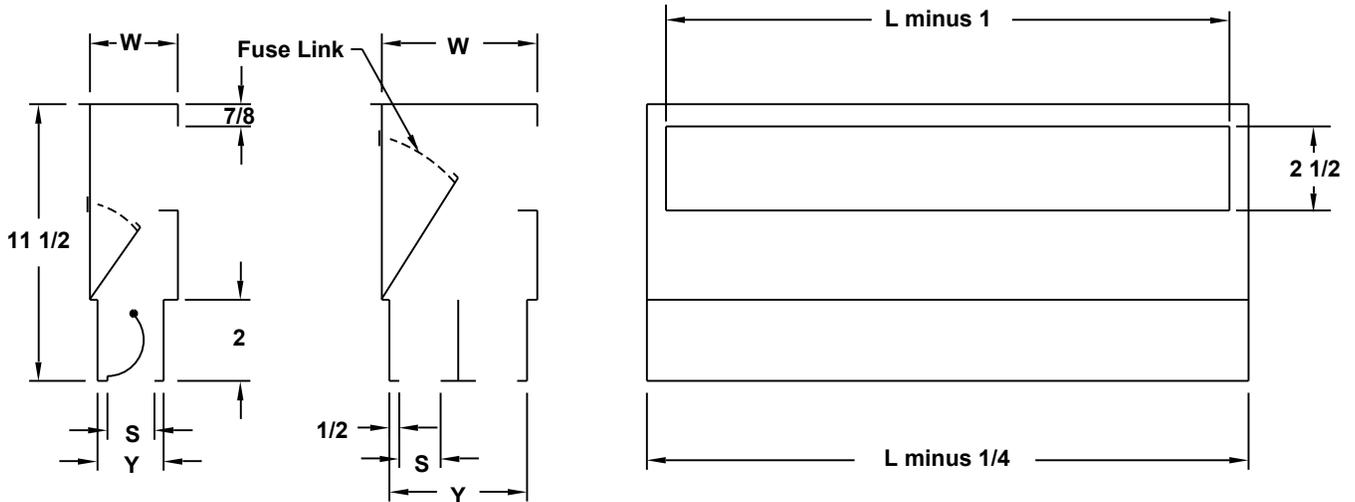


**Plenum Slot Diffuser
Fire Rated • Return**

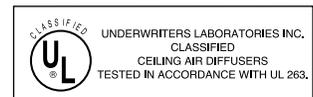
Model TBDR-FR • 1 or 2 Slots



| Model | Number of Slots | Slot Width S | W | Y |
|----------|-----------------|--------------|---------|---------|
| TBDR-FR | 1 | 3/4 | 2 3/4 | 1 3/4 |
| TBDR-FR | 2 | 3/4 | 4 1/2 | 3 1/2 |
| TBDR-FR | 1 | 1 | 3 | 2 |
| TBDR-FR | 2 | 1 | 4 15/16 | 3 15/16 |
| TBDR-FR | 1 | 1 1/2 | 3 1/2 | 2 1/2 |
| *TBDR-FR | 2 | 1 1/2 | 6 1/4 | 5 1/4 |

| Available Lengths L |
|---------------------|
| 24 |
| 36 |
| 48 |

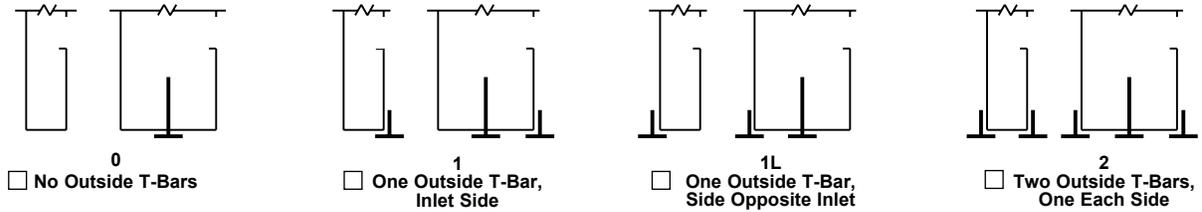
* Note: The 2-slot, 1 1/2" slot width diffusers are not UL classified.



Accessories (Optional)

Check if provided

Optional Factory-Furnished T-Bars



Note: Factory supplied outside T-bars are 1" wide. Center T-bars on 2-slot units are furnished by TITUS.

Standard Finish:

#84 Black on exposed surfaces.

#26 White on center T-bars and optional side T-Bars.

General Description

Model TBDR-FR is a fire rated plenum slot diffuser. The design meets UL time-vs-temperature test criteria, also NFPA 90A requirements.

The fire rated return unit has a light baffle to prevent light transmission and line of sight into the ceiling plenum. The TBDR-FR is designed to provide the same efficient return performance as the supply diffuser.

When you specify TITUS Model TBDR-FR diffusers, you get these features:

- Damper with fuse link (212° F).
- For use in 3-hour, or less, fire rated exposed grid, suspended ceilings.
- Choice of 3/4", 1" or 1 1/2" slot width, 1 or 2 parallel slots*.
- Available in 24", 36", 48" nominal lengths.

- Material is steel.

- Must be installed according to installation instructions for UL classification.

* Note: The 2-slot, 1 1/2" slot width diffusers are not UL classified.



Note: This submittal is meant to demonstrate general dimensions of this product. The drawings on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.

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