

Linear Slot Ceiling Diffusers

ML / MLR / ML-TZ / MLR-TZ

- Titus modulinear diffusers are designed for variable air volume systems. They project a uniform blanket of air that adheres to the ceiling even at low flow rates.
- Both the direction and volume of the discharge air can be adjusted gradually by moving the pattern controllers (see diagrams below)
- Full 180° pattern controller adjustment means there are no "lefts" or "rights." Specifying, ordering, and installing are simplified.
- Model MLR returns are the same as the Model ML supply diffusers except that the pattern controllers are omitted.
- Choice of borders and mounting frames for various types of installations
- · Available with one to eight slots
- Ideal for continuous length applications. Multiple sections are shipped with required alignment strips or pins for field installation.

Horizontal

One Way



metric sizes

Vertical

ML / MLR / ML-TZ / MLR-TZ

duct mounted

Fully Dampered

Opposed Unequal Flow (One Slot Dampered)

open ceiling

MODELS:

Supply Models: ML-37 / ½" Slot ML-38 / ¾" Slot ML-39 / 1" Slot ML-TZ / ¾" Slot

Return Models: MLR-37 / ½" Slot MLR-38 / ¾" Slot MLR-39 / 1" Slot MLR-TZ / ¾" Slot

FINISHES:

Standard Finish - #26 White border. Black pattern controllers Optional Finish - Anodized finishes available

OVERVIEW

Modulinear / Aluminum

The Titus ML Modulinear diffuser is a high performance, high quality linear slot diffuser. The unique "ice tong" deflector blades allow both changes in air volume and direction from the face of the diffuser. This diffuser is also available in 1 through 8-slot configurations.

ADDITIONAL FEATURES

Angular Down

Dampered Horizontal

Opposed

 Maximum one piece section is 6 feet. Lengths greater than 6 feet are furnished in multiple sections.

Vertical & Horizontal

- Optional Model MLF and MLRF diffusers are designed for field cutting to length and are furnished in 6-foot sections
- Maximum pattern controller length is 3 feet. Pattern controllers are furnished in multiple sections for a diffuser longer than 3 feet.
- Mounting frames are cut to length and assembled in the field
- Material is extruded aluminum with steel pattern controllers
- Optional curving to a 6-foot minimum radius available for architectural enhancement (fixed blades only)

diffusers

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