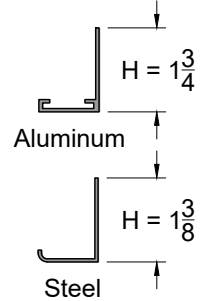




#### Frame Details



#### Blade Details

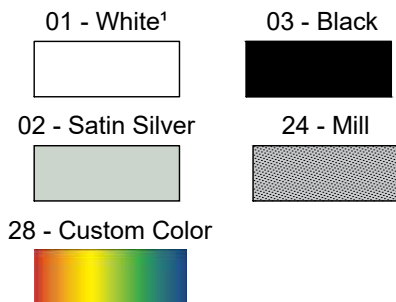


#### Product Features:

#### Horizontal Blades

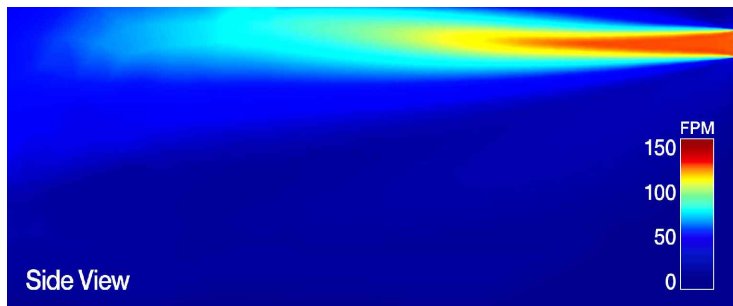
- Adjustable blades can be set to any deflection angle
- Single set of blades can be vertically or horizontally oriented
- Roll-formed aluminum blades standard
- Optional extruded aluminum airfoil blades available
- Available with aluminum or steel frames
- Can be used in surface mount or t-bar grid applications
- Great throw performance with maximum adjustability
- Largest single section size is 48"x48"
- Oversized units are built as multiple sections and come with mullion strips for assembly
- Odd/Fractional sizes available for additional charge

#### Finishes



<sup>1</sup> White Finish is suitable for a primer coat if field painting is required.

#### CFD Throw Pattern Visualization

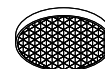


Isothermal

#### Optional Accessories:



OBD - Steel Opposed Blade Damper  
OBDA - Aluminum Opposed Blade Damper



L9 - Equalizing Grid (Square / Rect)  
G3 - Equalizing Grid (Round)



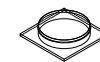
PF - Sidewall Plaster Frame



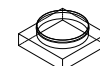
TBPF - T-Bar Plaster Frame



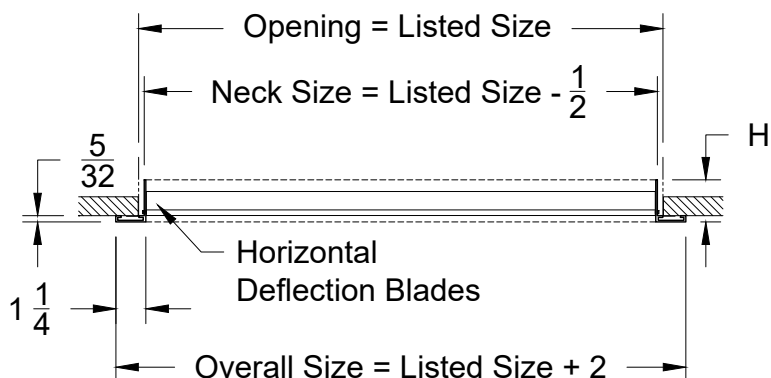
LIPF - Lay-In Plaster Frame



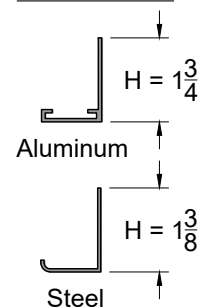
TR - Square to Round Transition



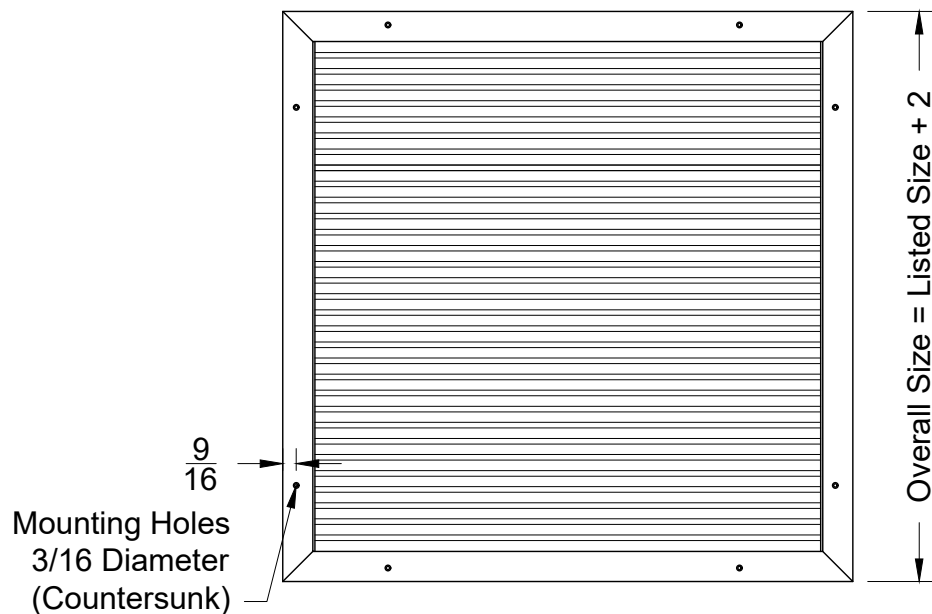
TR-Deep - Deep Transition



#### Frame Details



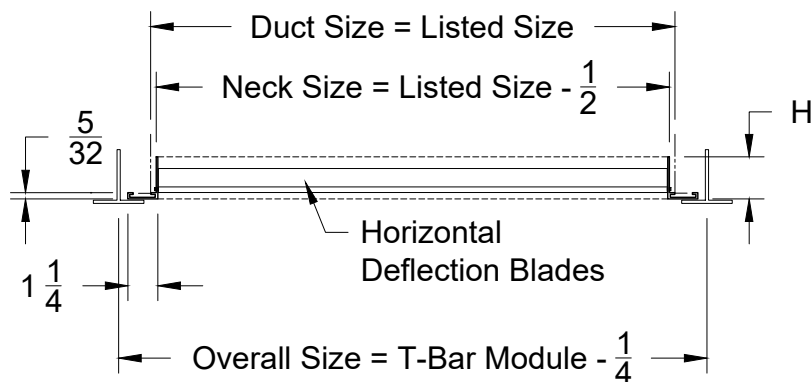
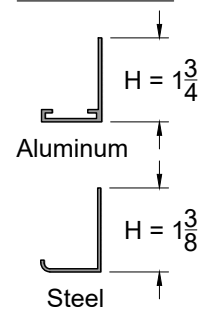
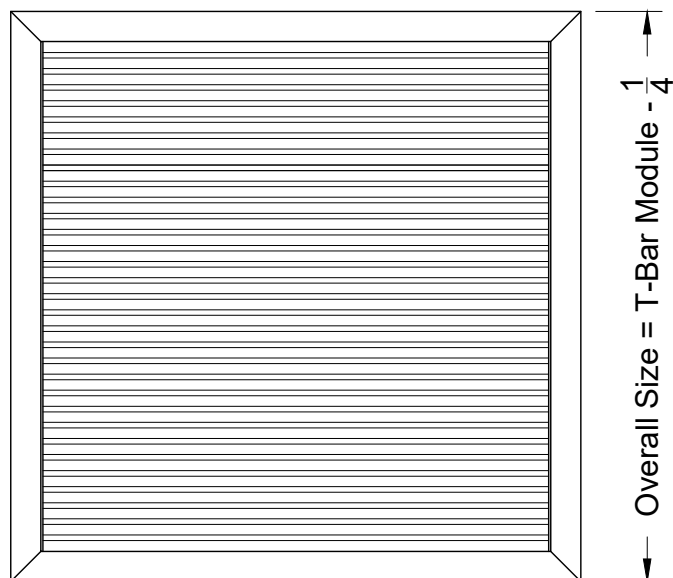
#### Face View



#### Optional Blade Details

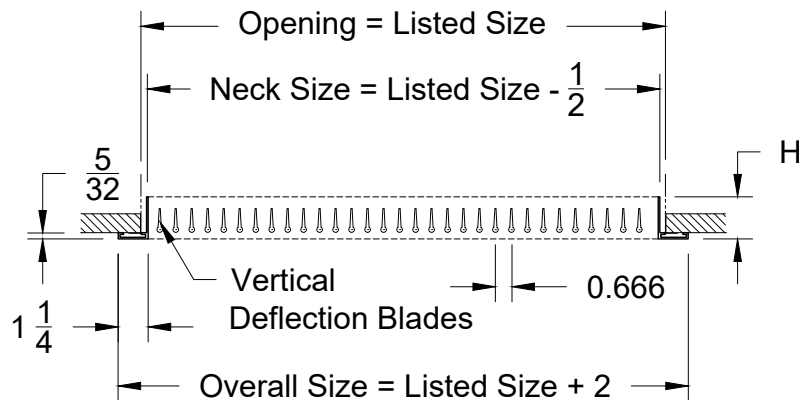


Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a 1/2" sphere can not pass.

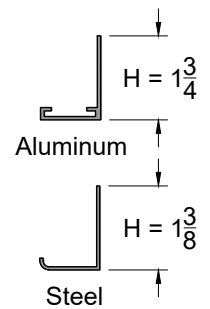

**Frame Details**

**Face View**

**Optional Blade Details**


Extruded Aluminum  
Airfoil

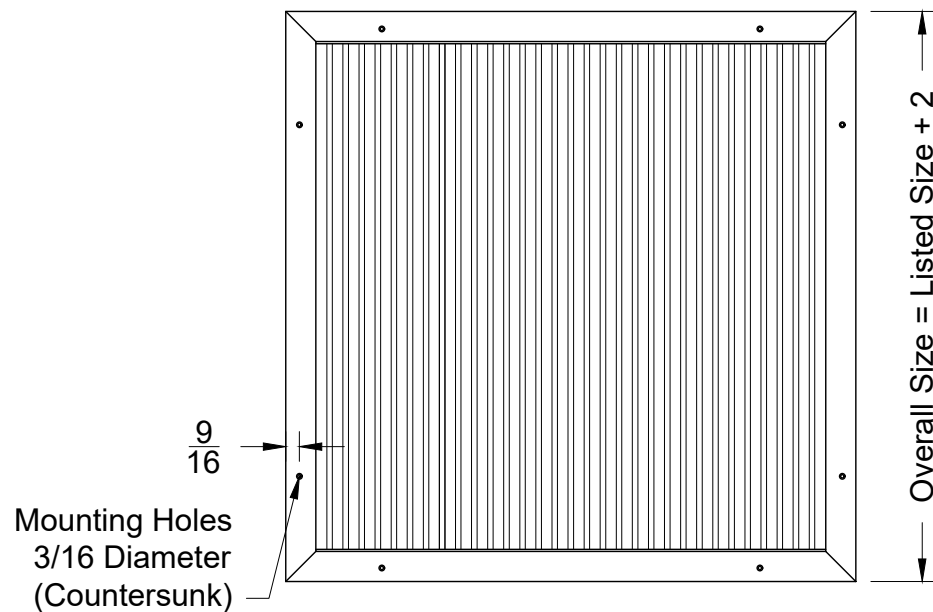
Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a  $\frac{1}{2}$ " sphere can not pass.



Frame Details



**Face View**



Optional Blade Details



Extruded Aluminum  
Airfoil

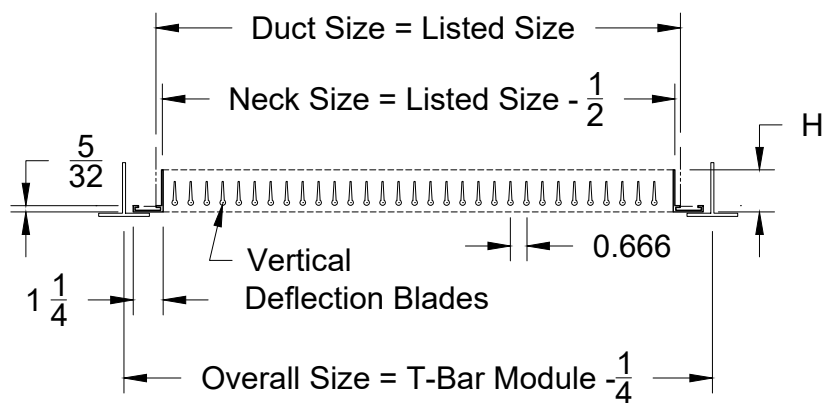
Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a 1/2" sphere can not pass.

Revision:

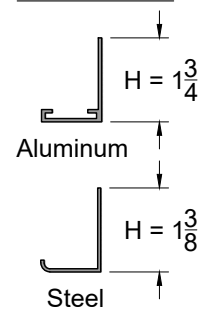
Date: 9/25/2024

Units: Inches

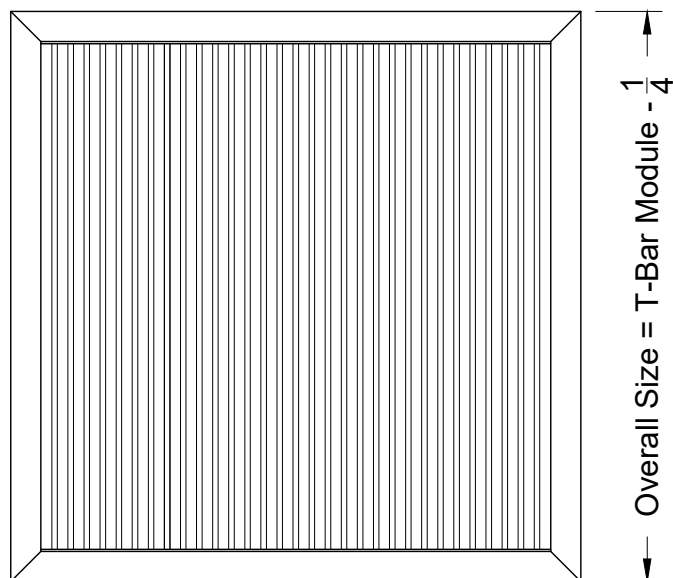
Page: 4 OF 8



#### Frame Details



#### Face View



#### Optional Blade Details



Extruded Aluminum  
Airfoil

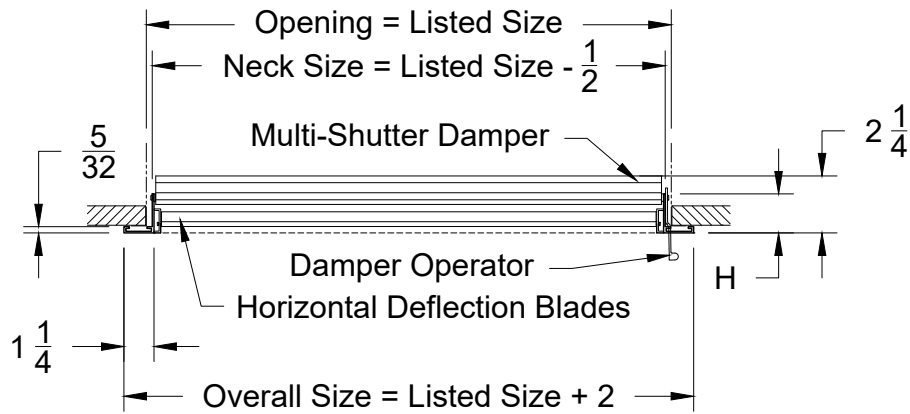
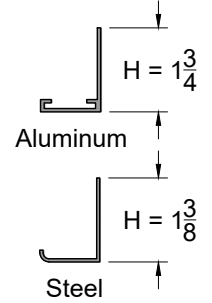
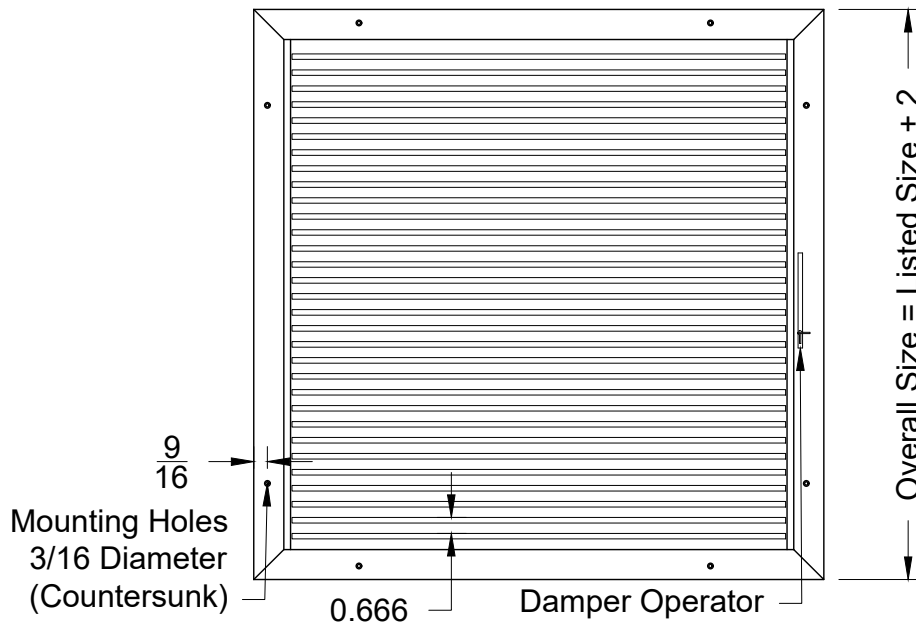
Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a  $\frac{1}{2}$ " sphere can not pass.

Revision:

Date: 9/25/2024

Units: Inches

Page: 5 OF 8


**Frame Details**

**Face View**

**Optional Blade Details**


Extruded Aluminum  
Airfoil

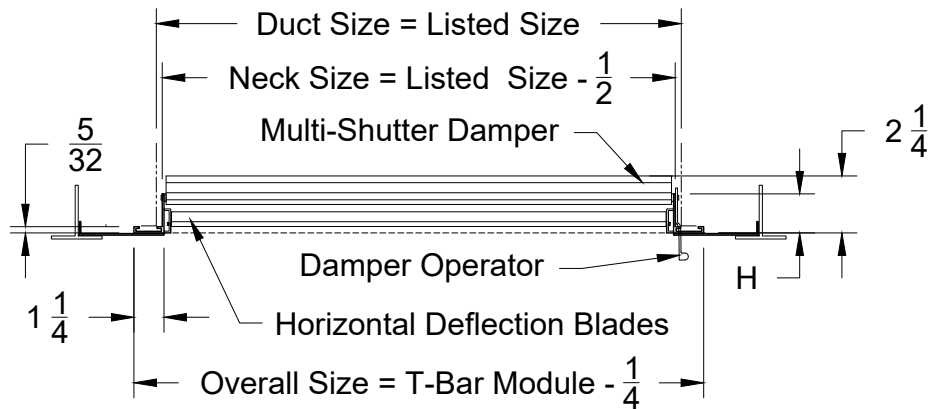
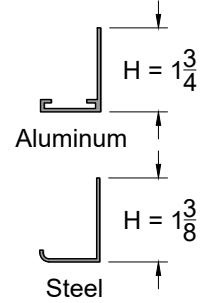
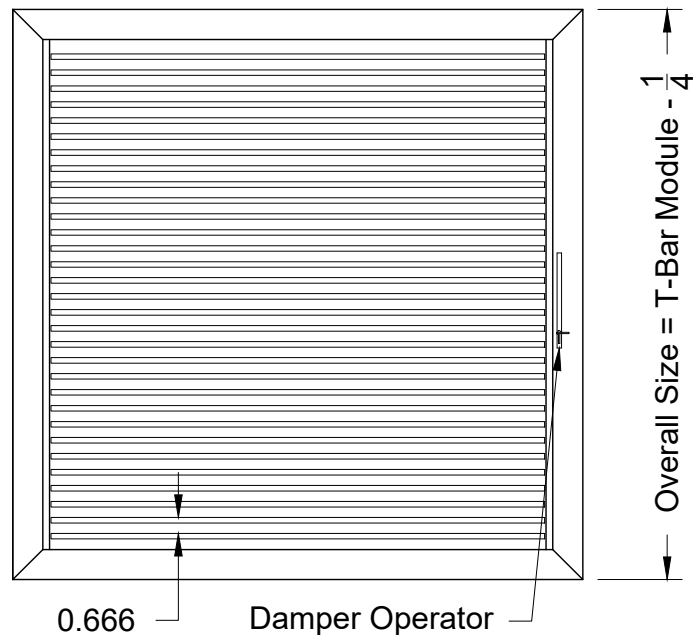
Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a 1/2" sphere can not pass.

Revision:

Date: 9/25/2024

Units: Inches

Page: 6 OF 8


**Frame Details**

**Face View**

**Optional Blade Details**


Extruded Aluminum  
Airfoil

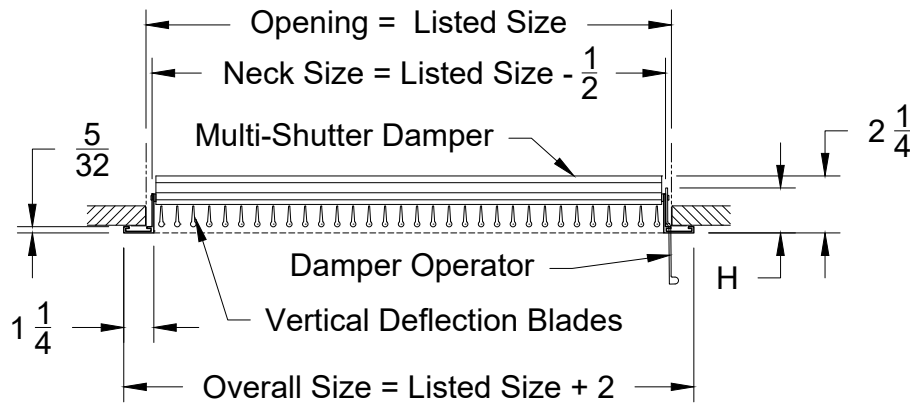
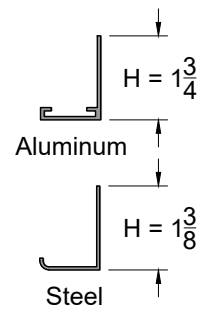
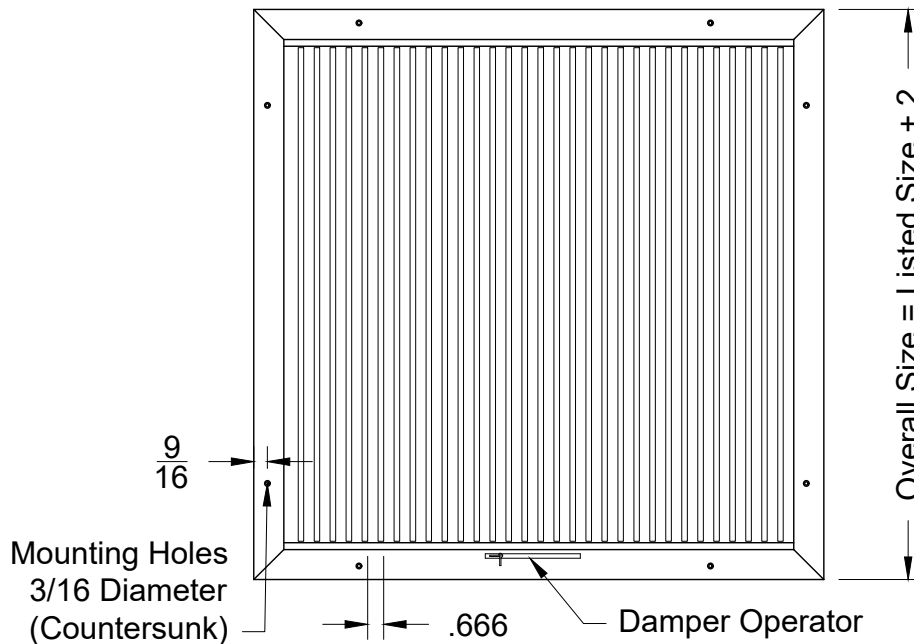
Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a  $\frac{1}{2}$ " sphere can not pass.

Revision:

Date: 9/25/2024

Units: Inches

Page: 7 OF 8


**Frame Details**

**Face View**

**Optional Blade Details**


Extruded Aluminum  
Airfoil

Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a  $\frac{1}{2}$ " sphere can not pass.

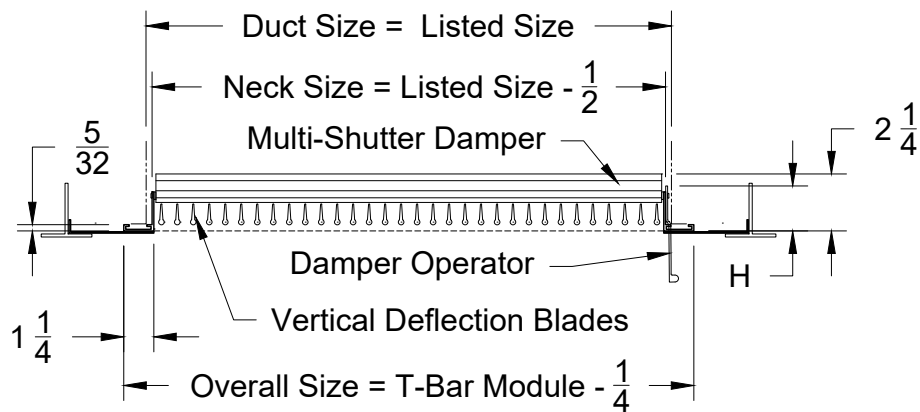
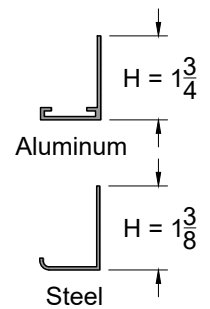
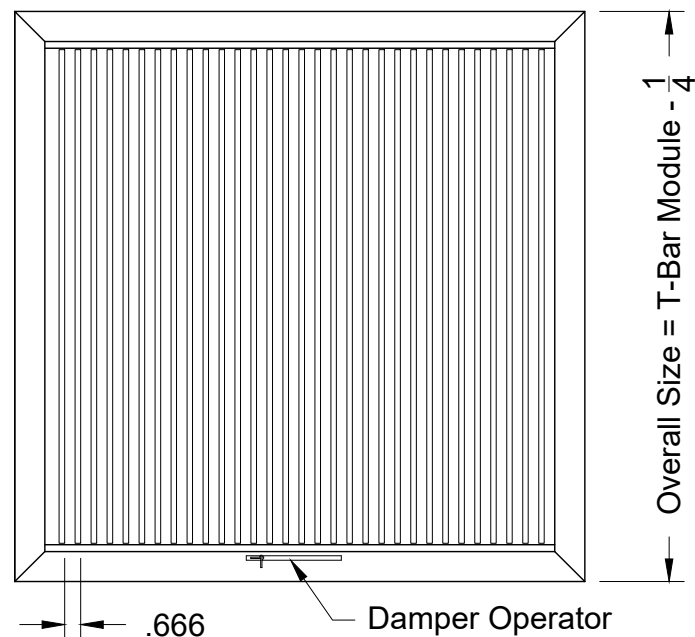
Revision:

Date: 9/25/2024

Units: Inches

Page: 8 OF 8




**Frame Details**

**Face View**

**Optional Blade Details**


Extruded Aluminum  
Airfoil

Note: This product complies with NFPA 90A-18 standard 4.3.7.3.2 and 4.3.8.3.2 and is constructed with openings through which a  $\frac{1}{2}$ " sphere can not pass.

Revision:

Date: 9/25/2024

Units: Inches

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