

METALAIRE™

Series 7550- Specification

Supply - Perforated Diffuser - Face Mounted Adjustable Pattern Controller - Square Necks/ Series 7550

Steel Aluminum Face - Steel Backpan Aluminum

7550-1 - Surface Mounted 7550-1 AF - Surface Mounted 7550-6 AL - T-bar Lay-in
7550-1 DF - Surface Mounted-Dropped Face 7550-6 AF - T-bar Lay-in 7550-8 AL - Tegular T-bar
7550-6 - T-bar Lay-in 7550-8 AF - Tegular T-bar
7550-8 - Tegular T-bar 7550-9 AF - Donn Finline
7550-9 - Donn Finline

Air Outlets shall be steel model 7550 or aluminum face, steel backpan model 7550-AF or all aluminum model 7550-AL manufactured by METALAIRE.

Units shall consist of aluminum 51% free area perforated face with 3/16" diameter perforated holes on 1/4" staggered centers. The perforated face shall be hinged allowing access to four adjustable pattern controllers mounted onto the inside face of the outlet.

Face shall be secured in place with tension spring clips. Pattern controller blades shall be individually adjustable and allow the discharge pattern to be adjustable from vertical to horizontal.

Outlets shall be field adjustable allowing 1, 2 way opposite, 2 way corner, 3, and 4 way directional air patterns.

The units shall be the size and quantity as outline in the plans and specifications.

Units shall be designed to integrate into the specified ceiling system.

Return - Perforated Diffuser - Square Necks - 12" x 12"/24" x 24"/ Series 7550R

Steel Aluminum Face - Steel Backpan Aluminum

7550R-1 - Surface Mounted 7550R-1 AF - Surface Mounted 7550R-6 AL - T-bar Lay-in
7550R-1 DF - Surface Mounted-Dropped Face 7550R-6 AF - T-bar Lay-in 7550R-8 AL - Tegular T-bar
7550R-6 - T-bar Lay-in 7550R-8 AF - Tegular T-bar
7550R-8 - Tegular T-bar 7550R-9 AF - Donn Finline
7550R-9 - Donn Finline

Air inlets shall be steel model 7550R or aluminum face, steel backpan model 7550R-AF or all aluminum model 7550R-AL manufactured by METALAIRE.

Units shall consist of aluminum 51% free area perforated face with 3/16" diameter perforated holes on 1/4" staggered centers. Units shall be designed for use in ducted return or exhaust applications.

The perforated face shall be hinged allowing access to the inside of the packpan. Face shall be secured in place with tension spring clips.

The units shall be the size and quantity as outline in the plans and specifications.

Units shall be designed to integrate into the specified ceiling system

Options and Accessories

Opposed Blade Damper

METALAIRE model OBDA aluminum or OBD steel opposed blade type dampers shall be provided. Damper shall consist of gang operated blades that can be adjusted from full open to full closed. Damper shall be adjusted with a screw driver slot accessible by opening the face of the diffuser.

Equalizing Grid

METALAIRE model L9 aluminum square equalizing grid shall be provided. Equalizing grid shall consist aluminum blades mounting in an aluminum frame.

Performance Specification

The manufacturer shall provide published performance data. Data shall be tested in accordance to ANSI/ASHRAE Standard 70-2006