

METALAIRE™

Series 5500 Aluminum – Specifications

5500-1 – Surface Mount

5500-4 – Drop Face

5500-46 – Drop Face – T-bar Lay-in

5500-6 – T-bar Lay-in

5500-7 – Concealed Spline

5500-8 – Tegalay Lay-in

5500-9 – Donn Finline Lay-in

Air Outlets shall be aluminum model 5500 manufactured by METALAIRE®. Units shall consist of a fixed pattern louvered core fastened into a border with spring loaded latches. Core shall be removable without the use of tools. Outlets shall be engineered to perform in variable volume systems and include deflector blades with a horizontal lip to provide longer throw distances. The units shall be the size and quantity as outline in the plans and specifications.

Outlets shall be available in 1, 2-way opposite, 2-way corner, 3, and 4-way directional air patterns.

Units shall be designed to integrate into the specified ceiling system

Series 5500S Steel – Specifications

5500S-1 – Surface Mount

5500S-6 – T-bar Lay-in

5500S-8 – Tegalay Lay-in

5500S-9 – Donn Finline Lay-in

Air Outlets shall be steel model 5500S manufactured by METALAIRE. Units shall consist of a fixed pattern louvered core fastened into a border with spring loaded latches. Core shall be removable without the use of tools. Outlets shall be engineered to perform in variable volume systems and include deflector blades with a horizontal lip to provide longer throw distances. The units shall be the size and quantity as outline in the plans and specifications.

Outlets shall be available in 1, 2-way opposite, 2-way corner, 3, and 4-way directional air patterns.

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

Options

Adjustable Pattern (horizontal to vertical)

Outlets shall include adjustable air pattern deflector blades that allows the air pattern to be set from vertical to horizontal (Optional APD Air Pattern Deflectors). Air pattern deflector blades shall be accessible from the face and the diffuser and adjustable without the use of tools.

IV Induction Vanes

Units shall include IV induction vanes factory mounted onto the back side of the deflector vanes. IV vanes shall increase the induction rate of the diffuser.

Accessories

Optional Dampers

Aluminum D5A or Steel D5 opposed blade dampers shall be provided. Damper shall be adjusted using a handle accessible through the face of the diffuser. Screwdriver slot operators are not allowed.

Performance Specification

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