

METALAIRE™

Specifications - Series 5700

Air Outlets shall be model:

5700-1 - *Surface Mount*

5700-6 - *T-bar Lay-in*

5700-7 - *Concealed Spline*

5700-9 - *Donn Finline Lay-in*

Non-Adjustable, Horizontal Discharge Pattern

5700 manufactured by METALAIRE. Units shall be constructed of steel.

5700 AS manufactured by METALAIRE. Units shall be constructed of aluminized steel.

5700 AL manufactured by METALAIRE. Units shall be constructed of aluminum.

Adjustable Discharge Pattern

5700A manufactured by METALAIRE. Units shall be constructed of steel.

5700A AS manufactured by METALAIRE. Units shall be constructed of aluminized steel.

5700A AL manufactured by METALAIRE. Units shall be constructed of aluminum.

Units shall be square with a formed backpan and two inner cones. Outlet shall have the same appearance from the face regardless of inlet size. The units shall be the size and quantity as outline in the plans and specifications.

Inlets shall be drawn into the backpan of the diffuser. Welded inlets are not acceptable. Diffusers shall include seismic tabs drawn into the backpan. Inner cone assemble shall be removable without the aid of tools for installation and to access optional damper.

Units requiring tools such as screwdrivers or hex keys to remove the inner cones are not acceptable.

The bottom cone shall have a removable plug in the center to allow access to adjust an optional damper. Units shall include the option to allow a field installed third optional cone accessory model Snap-58. Optional third cone shall be installed into the bottom of the 5700 diffuser without the use of tools.

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

Optional for Adjustable Pattern

Outlet shall include adjustable deflector blades located within the cones of the device. Deflectors shall allow the discharge air to be adjusted to obtain a vertical or horizontal air pattern.

Optional Dampers and Accessories

Butterfly Damper

METALAIRE model BDS aluminum round butterfly type dampers shall be provided. Damper shall consist of two butterfly style blades that can be adjusted from full open to full closed. Damper shall be adjusted with a screw driver slot that can be assessed through the face of the diffuser.

Radial Shutter Damper

METALAIRE model RSD steel round radial shutter damper shall be provided. Damper shall consist of gang operated radial blades that slide perpendicular to air flow direction. The damper shall be adjusted from full open to full closed. Damper shall be adjusted with a screw driver slot that can be assessed through the face of the diffuser.

Equalizing Grid

METALAIRE model G3 aluminum round equalizing grid shall be provided. Equalizing grid shall consist of 1/2" x 1/2" x 1/2" aluminum cubed core mounting in an aluminum frame.