

METALAIRE™

Series RH Specifications

RH-1 – Surface Mounted

RH-6 – T-bar Lay-in

RH-7 – Concealed Spline

RH-8 – Tegular T-bar

RH-9 – Donn Fineline Lay-in

Air Inlets shall be model RH manufactured by METALAIRE®. Units shall be return or exhaust grilles of aluminum construction and with an extruded aluminum border and a single set of fixed deflection blades. The units shall be the size and quantity as outlined in the plans and specifications.

Border shall be 1 1/4" wide with aerodynamically shaped deflector blades on .666" centers set at 40°. Units shall be designed to integrate into the specified ceiling system.

Return Grilles – Extruded Aluminum/Series RHE

RHE-1 – Surface Mounted

RHE-H-1 – Surface Mounted with hinged face

Air Inlets shall be model RHE-H manufactured by METALAIRE®. Units shall be return or exhaust grilles constructed of heavy extruded aluminum. The units shall be the size and quantity as outlined in the plans and specifications.

Hinged Face (Optional)

Units (model RHE-H) shall include a hinged face allowing access to concealed equipment. The units shall be the size and quantity as outlined in the plans and specifications.

Border shall be 1 1/4" wide with aerodynamically shaped fixed deflector blades on .666" centers set at 45°. Units shall be designed for surface mounting applications and be provided with screw holes on the face of the device.

Return Grilles – Steel/Series SRH

SRH-1 – Surface Mounted

SRH-6 – T-bar Lay-in

SRH-H-1 – Surface Mounted – Hinged Face

Air Inlets shall be model SRH manufactured by METALAIRE®. Units shall be return or exhaust grilles constructed of steel with a single set of fixed deflector blades. The units shall be the size and quantity as outlined in the plans and specifications.

Border shall be 1 1/4" wide with aerodynamically shaped deflector blades on .666" centers set at 40°. Units shall be designed to integrate into the specified ceiling system.

Hinged Face (Optional)

Units (model SRH-H) shall include a hinged face allowing access to concealed equipment. The units shall be the size and quantity as outlined in the plans and specifications.

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Border shall be 1 1/4" wide with aerodynamically shaped deflector blades on .666" centers set at 45°. Deflector blades shall be fixed. Units shall be designed to integrate into the specified ceiling system.

Damper Accessories (Optional)

Optional opposed blade damper shall be constructed of steel (Model OBD) or aluminum (Model OBDA).

Damper must be operable from the face of the diffuser.

Performance Specification

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

Paint Specification

Process shall be anodic electrodeposition using an anodic acrylic paint. Units shall undergo pre-treatment including a pressurized spray stage using an alkaline cleaner and a de-ionized water rinse.

