MAXIMUM SECURITY
Extra Heavy Duty Grille with 3/16"x 3/16" Openings

STANDARD FEATURES

- FACE FLANGE: 14 gauge Stainless Steel with beveled edges
- OPENINGS: 3/16" x 3/16" Horizontal Louvers and Vertical Mullions of 16-gauge Stainless Steel
- AIR PASSAGEWAYS: Patented "S" style eliminates 'looping' of materials around/or through louvers
- NECK: Rigid with 1-7/16" exposed face depth made of multiple piece 16-gauge construction
- FINISH: Stainless Steel 2B Mill Finish
- INSTALLS: Coupling nut with threaded rods attaches to rear of face flange and duct connector
- DUCT COLLAR: 14 gauge galvanized

OPTIONAL FEATURES

- FACE MOUNTED
- INTEGRATED PLENUM: for retrofit connection
- SLEEVE AND LOCKING ANGLES
- OPPOSED BLADE DAMPERS: Rear operated - shipped loose (typical)
- ANCHOR STUDS: Nelson type for precast/brick wall applications

CONSTRUCTION

The grille is made of 14/16-gauge stainless steel components, with the outer perimeter formed to raise the grille face 7/16" from the wall or ceiling. The edge of the grille is manufactured with a beveled slope. No open or unfinished edges exist. The horizontal louvers are attached to a mating frame and 'locked in' to prevent movement or removal. The vertical mullions are correspondingly 'locked in' place creating a penetration proof neck and throat of 1-7/16" depth. Coupling nuts are attached to the back of the face flange for use with threaded rods. A mating duct collar with nuts receive the threaded rod and are tightened accordingly.

INSTALLATION

SV42 is installed into the wall (or ceiling) with the threaded rods attached. A mating duct collar with nuts receives the rod and is then tightened to insure a secure fit on both sides of the wall. Optional attachment mechanisms are available for both new and retrofit applications. Optional sleeve, locking angle and opposed blade dampers may be supplied, if required.
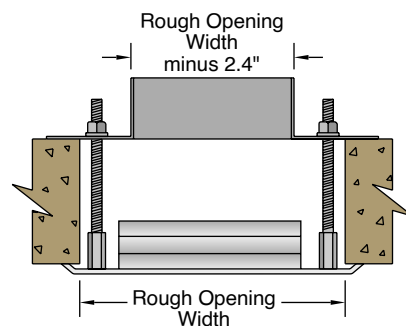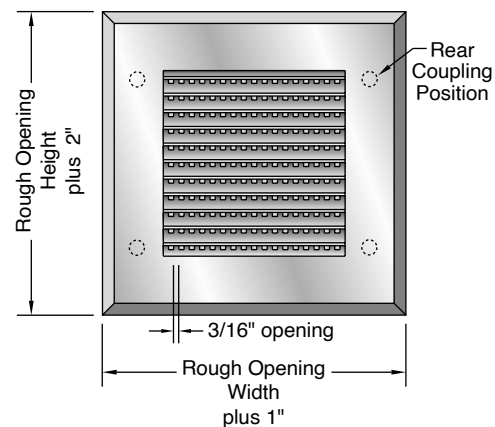
FINISH

Standard: 2B mill finish

Optional: Custom powder coat colors

TOP SECTION

Rough Opening Width minus 2.4"

Rough Opening Width

FRONT SECTION

Rough Opening Height plus 2"

Rear Coupling Position

3/16" opening

Rough Opening Width plus 1"

SIDE SECTION

Wall Depth

Rough Opening Height

Rough Opening Height minus 1.4"

Anemostat