PRICE SECURITY GRILLES

AIR DISTRIBUTION FOR COMFORT AND SAFETY

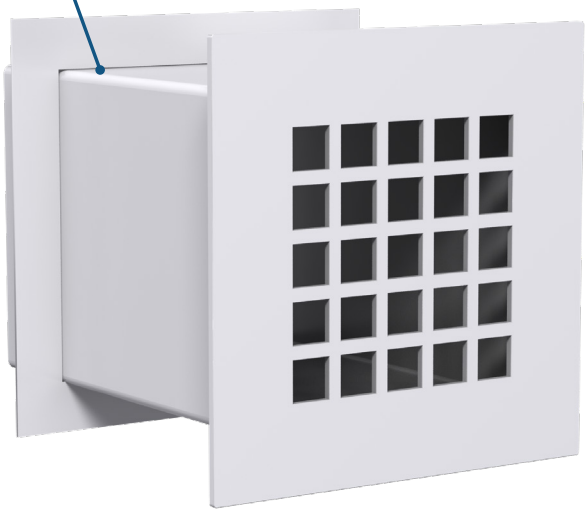


price | GRILLES & DIFFUSERS

PRICE SECURITY GRILLES
Minimum Security Grilles

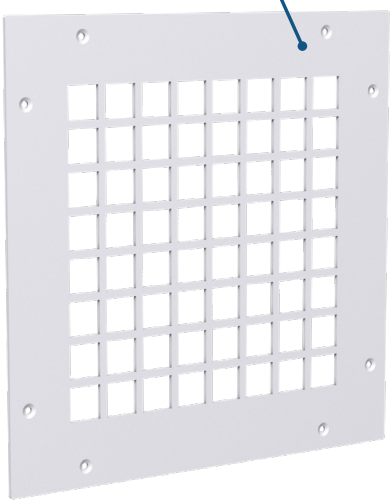
Security grilles with large free area provide an extra level of protection with minimum pressure drop. The heavy gauge construction reduces the risk of damage and disassembly associated with traditional grilles in secure or unsupervised public spaces. Security options as well as a variety of mounting types, these grilles are suitable for supply and return applications.

Integral wall sleeve moves fastening to the protected side of the wall



MSL

Can replace or be installed over existing grilles to prevent tampering



MSLP

TYPICAL APPLICATIONS

Security grilles reduce unwanted access to ductwork in spaces where supervision is minimal and vandalism or misuse is a risk. Such areas include: correctional facilities, rest stops, park facilities, schools, and sports venues.

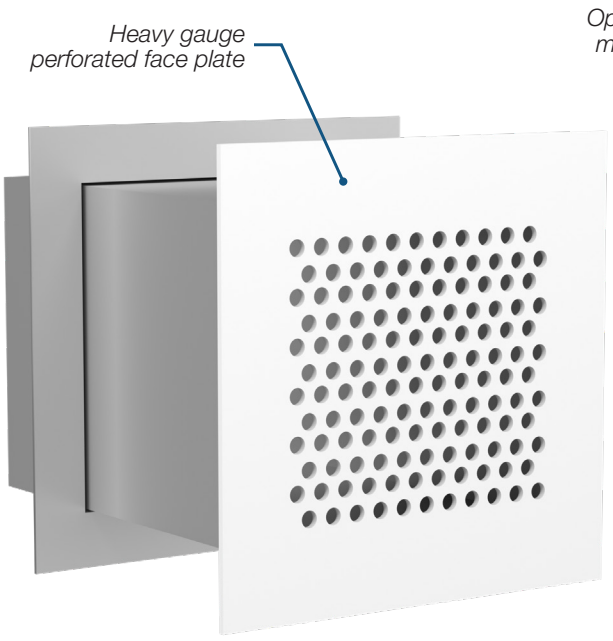
CONSTRUCTION

+ Application
  - Lattice grille (MSL)
  - Lattice face plate (MSLP)
  - Perforated grille (MSPG)
+ Material
  - Steel
  - Aluminum
  - 304 stainless steel
+ Options
  - Wire mesh
  - 4-sided mounting frame
  - Barrier bars
  - Damper
  - Transfer grille

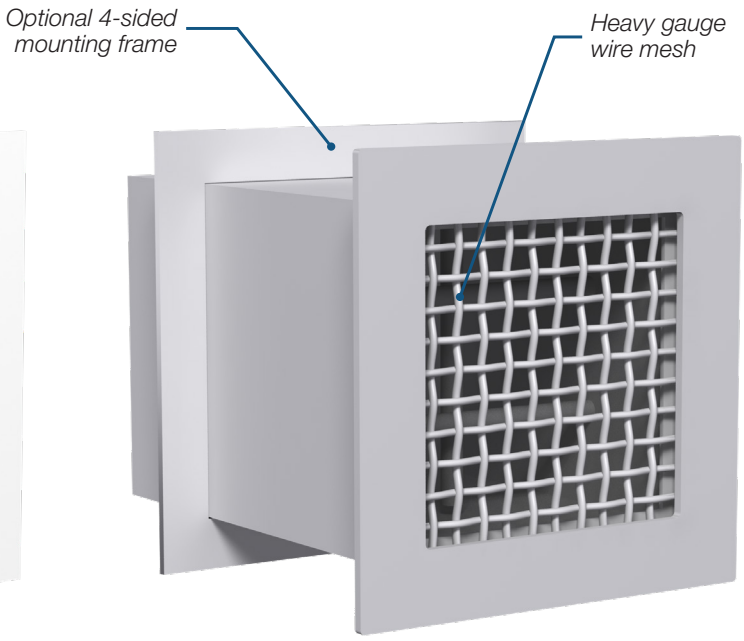
Not available on all models

PRICE SECURITY GRILLES
Medium Security Grilles

Security grilles with heavy gauge wire mesh or heavy gauge perforated face plates provide an increased level of security. The more robust construction and smaller free area make the grilles more difficult to tamper with and prevent unwanted access to ductwork.



MSPG



MSSG

TYPICAL APPLICATIONS

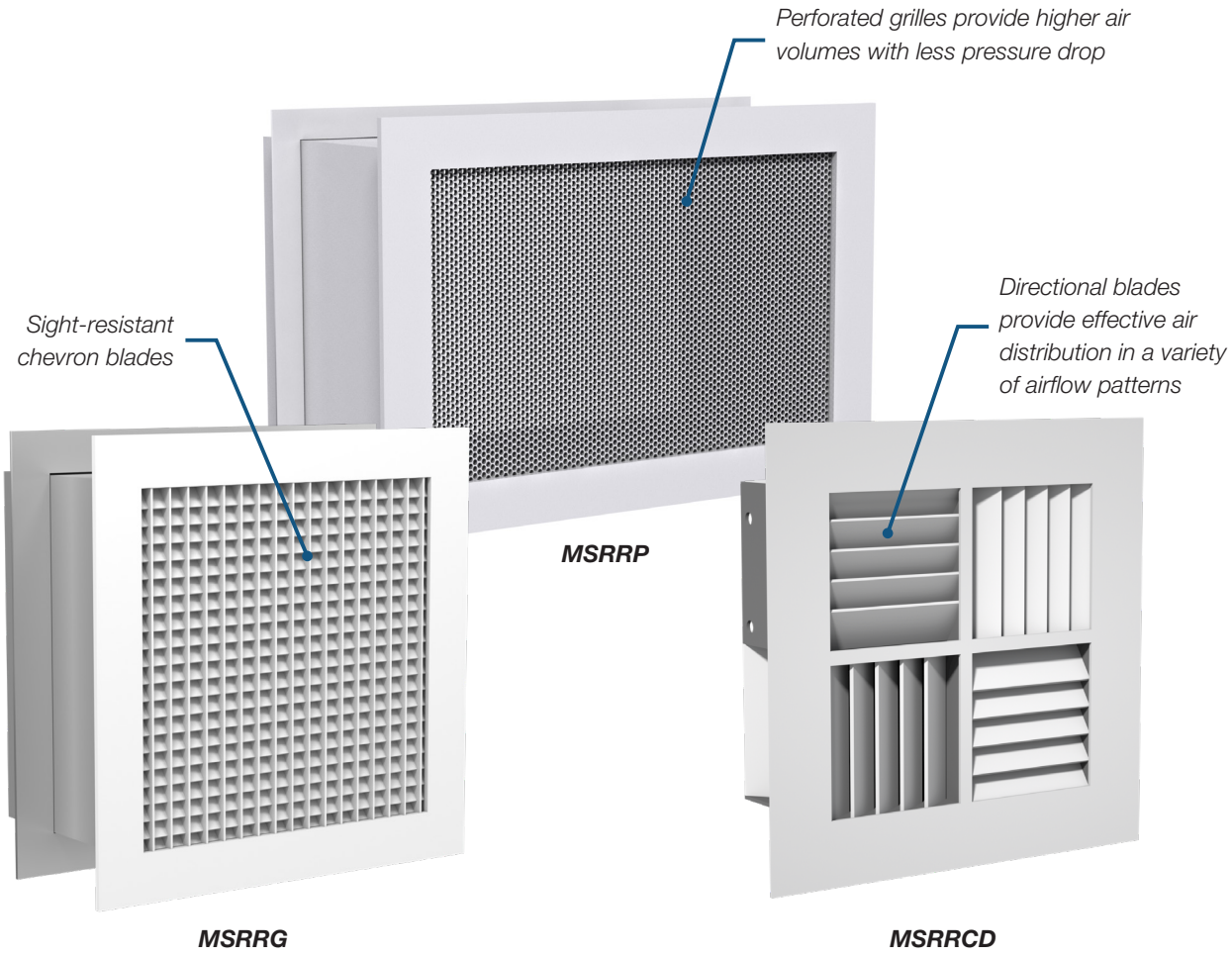
When there is a greater risk of vandalism or misuse a more robust security grille with smaller free area can increase the level of protection. Such areas include: correctional facilities, psychiatric hospitals, rest stops, park facilities, schools and sports venues. Medium security grilles feature welded construction and integral wall sleeves for medium security applications.

CONSTRUCTION

+ Material
  - Steel
  - Stainless steel
+ Size
  - Minimum: 6 in. x 6 in.
  - Maximum: 30 in. x 30 in.
+ Options
  - Damper
  - Transfer grille
  - Barrier bars
  - Fastening methods

PRICE SECURITY GRILLES
Maximum Security Grilles

All risk resistant grilles feature heavy-duty, all-welded construction and thread resistant cores, ideal for high security applications. Multiple core and mounting options allow flexibility for various installations.



TYPICAL APPLICATIONS

Maximum security risk resistant grilles are an excellent choice for high risk applications where self-harm is a concern. The engineered core inhibits threading of wire through the grille face and prevents the storage of contraband behind the grille while still providing a functional airflow pathway.

CONSTRUCTION

+ Application
  - Sight resistant core (MSRRG)
  - Perforated core (MSRRP)
  - Ceiling diffuser (MSRRCD)
+ Options
  - Rear accessible dampers (not available on MSRRCD)
  - 4-sided mounting frame
  - Countersunk security fasteners

PRICE SECURITY GRILLES
Linear Security Grilles

Linear security grilles provide a safe alternative to traditional slot diffusers in spaces that require a high level of security. They come standard with a risk-resistant perforated face, that is available in one-way and two-way airflow patterns. Integral engineered plenums can be provided to ensure performance of the linear grille is achieved.



MSPLD

TYPICAL APPLICATIONS

Linear security grilles are typically installed in more architectural spaces, similar to traditional linear slot diffusers. The robust heavy gauge face, with small perforated holes, provides an air outlet that prevents self-harm, weaponization, and minimizes access to hiding contraband.

CONSTRUCTION

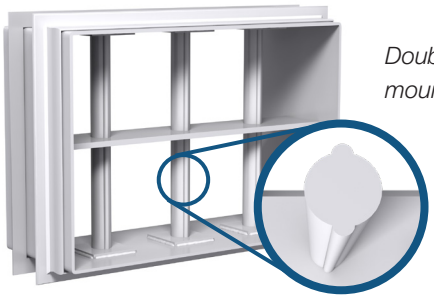
+ Material
  - 12 Ga Steel
+ Nominal Lengths
  - 12 in.
  - 36 in.
  - 48 in.
  - 60 in.
+ Face Pattern
  - One-way horizontal
  - Two-way horizontal
+ Options
  - Engineered plenum
  - Damper
  - Custom color

STANDARD (MSBG)

+ Maximum opening between barrier bars: 6 in. x 12 in.
+ Sleeve: 3/16 in. hot rolled steel flat bar frame
+ Barrier Bars: 1/2 in. diameter hot rolled steel or stainless steel bars

DOUBLE RIBBED (MSDRBG)

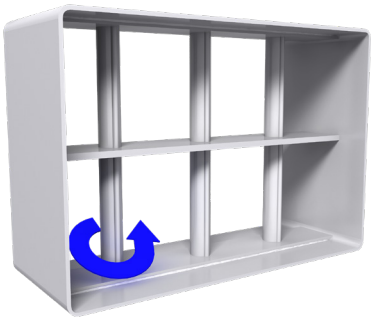
+ Maximum opening between barrier bars: 5 in. x 12 in.
+ Sleeve: 1/4 in. hot rolled steel flat bar frame.
+ Barrier Bars: 7/8 in. diameter 1065 grade steel double ribbed bars inserted in 3 in. square plates welded to the sleeve are designed to prevent rotation.



Double ribbed with mounting flanges

TOOL RESISTANT (MSTRBG)

+ Complies with ASTM A 627-03.
+ Sleeve: 1/4 in. hot rolled steel flat bar frame.
+ Barrier Bars: 7/8 in. diameter heat-treated carbon steel steel bars inserted into tool resistant flat bar and designed to rotate to inhibit the use of cutting tools.
+ Flat Bars: 2 1/4 in. x 3/8 in. tool resistant flat bars are welded to sleeve on 12 in. horizontal centers.



Tool resistant

TYPICAL APPLICATIONS

Barrier Bars reduce unwanted access to ductwork in spaces where supervision is minimal and vandalism or misuse is a risk. Such areas include: correctional facilities, psychiatric hospitals, rest stops, park facilities, schools, and sports venues. Maximum security barrier bars provide additional security in openings between secure and non-secure areas, and should be placed in every opening through a secure wall.

CONSTRUCTION

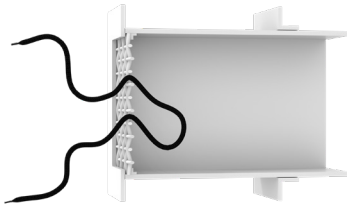
+ Configuration
  - Standard (MSBG)
  - Double ribbed (MSDRBG)
  - Tool resistant (MSTRBG)
+ Size
  - Minimum: 6 in. x 6 in.
  - Maximum: 30 in. x 30 in.
  - Oversized construction available for field assembly
+ Options
  - Wire mesh
  - Mounting flanges
  - 4-sided mounting frame
  - Masonry rods

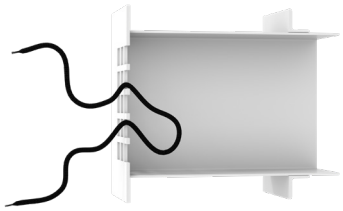
ANTI-LIGATURE

Some applications may require a greater emphasis on the prevention of occupant self-harm. In these spaces robust supply air outlets and return air inlets with chevron blades or small perforated holes in heavy gauge material can reduce the risk of weaponization and ligature points.

Standard Security Grillles

While appropriate in many secure spaces, these products are not ideal for applications with a high risk of occupant self-harm.





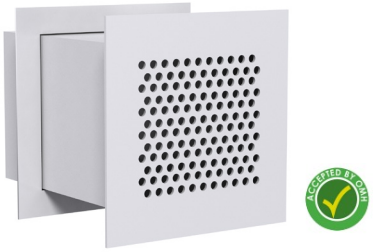
Security grilles with self-harm protection

Grilles with chevron blades or small perforated holes help prevent occupant self-harm.



MSRRCD

Anti-ligature with louvered blades



MSPG-P5

Anti-ligature with perforated face

STANDARDS

There are very few industry standards on the topic of patient safety but New York State Office of Mental Health (NYS-OMH) does publish a guideline with selections of material, fixtures, and hardware.

Products in the NYS-OMH guideline are evaluated for multiple characteristics:

+ Escape
+ Concealing contraband
+ Weaponization
+ Ligature resistance

Reference the NYS-OMH guidelines for a list of accepted Price Industries products. The guidelines can be found by scanning the QR code below.

Scan to view the NYS-OMH guidelines:

CAUTION: Grilles and diffusers do pose some specific risks. Every project should be independently evaluated for suitability. Reference the NYS-OMH guidelines for more detail.

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