

DUCT/BARRIER GRILLE

ADBG - MAXIMUM SECURITY DUCT / BARRIER GRILLE (PAGE C-4)

Contractor shall furnish and install heavy duty duct barrier grille, type ADBG as herein specified, where shown on plans. The unit shall be as manufactured by Anemostat Products. The duct barrier grille shall be all steel welded construction. The vertical bars shall be 3/4" diameter steel welded to the sleeve on 6" maximum centers. When duct height exceeds 12" the horizontal bars shall be 2 1/2 x 3/8 flat steel bar welded to the sleeve. The sleeve shall be 10 GA welded steel. Two 1" x 1" x 3/16 steel angle locking frames shall be supplied, one continuous welds to the sleeve by the manufacturer, and one shipped loose for contractor to field weld to the sleeve. The ADBG unit shall be finished with factory white powder coat finish. Note: round sleeve shall be 12 GA.

ADBG-DR - MAXIMUM SECURITY DUCT / BARRIER GRILLE - HIGH TENSILE STRENGTH (PAGE C-5)

Contractor shall furnish and install the high tensile strength heavy-duty duct barrier grille, where shown on plans. Anemostat Products shall manufacture the units. The duct barrier grille shall be have an all steel welded perimeter construction, with interlocking high tensile strength steel bars. The vertical bars are double ribbed 7/8" diameter bars on 6" centers maximum. The horizontal bars are 2-1/2" x 3/8" flat bars punched to accept and interlock the vertical bars on 12" centers maximum. The sleeve is 10ga. steel with continuously welded seams. The interior of the sleeve encompasses a stitch welded interior frame which is 2-1/2" x 3/8" all around and is punched to accept the interlocking vertical bars. Two 1" x 1" x 3/16" locking angle frames shall be supplied, one continuously welded to the sleeve by the manufacture and one shipped loose for field weld to the sleeve. The ADBG-DR shall be primed with a red oxide or other similar rust-inhibiting coat. Optionally the bars may be heat treated to ASTM specifications for tool resisting steel (model **ADBG-TR**).

CEILING AND SIDE WALL GRILLES

ASSG - MAXIMUM SECURITY GRILLE WITH STEEL PERFORATED FACE (PAGES C-6 & C-7)

Contractor shall furnish and install the security grille, type ASSG, as herein specified or where shown on plans. The unit shall be as manufactured by Anemostat Products. Security grille type ASSG shall be all steel welded construction. Sleeve shall be 12 GA C.R.S. with continuous welds to the face plate. The face plate shall be 3/16" C.R.S. with a perforated pattern of 1/4" diameter holes on 3/8" staggered centers. The locking angles shall be shipped loose for field welding by others to the sleeve. The ASSG shall be finished with factory white powder coat finish. Note: round sleeve shall be 12 GA.

AMXS - MAXIMUM SECURITY LATTICE FACE GRILLE WITH WOVEN MESH (PAGES C-8 & C-9)

Contractor shall furnish and install the supply/return grille, type AMXS, as herein specified or where shown on plans. The unit shall be as manufactured by Anemostat Products. The supply/return grille shall be of all steel construction. The unit shall consist of a 3/16" steel face plate attached to a 12 GA steel sleeve with continuous welds. The face plate shall have a lattice pattern of 2" square holes on 2 1/2" centers. The 10 GA x 1/2" square holes on 5/8" centers steel woven mesh shall be nested between the face plate and a 3/16" steel backer plate. The backer plate is to have 2" square holes on 2 1/2" centers lattice pattern, and shall be welded to the sleeve. The locking angles shall be shipped loose for field welding by others to the sleeve. The AMXS unit shall be finished with factory white powder coat finish.

ASLG - MAXIMUM SECURITY STEEL GRILLE WITH FIXED LOUVER (PAGES C-10 & C-11)

Contractor shall furnish and install a heavy-duty tamper resistant steel bar grille. Anemostat Products shall manufacture the units. The bar grille shall have a 3/16" perimeter face flange continuously welded to a twelve (12) gauge steel sleeve. The steel louvers are 1/8" x 1-1/2" steel louvers on 1/4" centers (either zero or fifteen degree deflection), with 1/2" steel mullions on 6" centers maximum. The steel sleeve has continuously welded seams and is supplied with two pieces of 1" x 1" x 3/16" locking angles shipped loose for field installation.

TRANSFER GRILLE

ASTG - MEDIUM SECURITY WITH STEEL PERFORATED FACE (PAGE C-12)

Contractor shall furnish and install the security transfer grille, type ASTG, as herein specified or where shown on the plans. The unit shall be as manufactured by Anemostat Products. The transfer grille, type ASTG, shall be all steel welded construction. The unit shall consist of two parallel faces with continuous welds to a sleeve. The face plate shall be 3/16" C.R.S. with a perforated type pattern 1/4" diameter holes on 3/8" staggered centers (**ASTG-RR** * 3/16 holes on 9/32" staggered centers). The sleeve shall be 12 GA C.R.S. The unit shall be finished with factory white powder coat finish.

* California Title 24 Compliant for Suicide Resistance