

CEILING AND SIDEWALL GRILLES

ASFP/ASFP-RR* - MINIMUM SECURITY WITH LATTICE FACE PLATE (PAGES E-4 & E-5)

Contractor shall furnish and install the security face plate, type ASFP (ASFP-RR), as herein specified or where shown on plans. The unit shall be as manufactured by Anemostat Products. Security face plate type ASFP shall be 12 GA C.R.S.. The face pattern shall be lattice type with 9/16" square holes on 11/16" centers (ASFP-RR 3/16 holes on 9/32" staggered centers). Tamperproof screws shall be provided by the manufacturer for attaching the face plate to a suitable edge. The ASFP shall be finished with factory white powder coat.

S1-MS/S2-MS - MINIMUM SECURITY SINGLE/DOUBLE DEFLECTION GRILLE (PAGES E-6 & E-7)

Contractor shall furnish and install the security grilles, type S1V-MS, S1H-MS, S2V-MS, and S2H-MS, as herein specified, or where shown on the plans. The unit shall be as manufactured by Anemostat Products. The security grille types shall be all steel construction with reinforced welded corners. The steel blades are individually adjustable. A 10 GA C.R.S. face plate shall cover the unit. The hole pattern for the face plate shall be 9/16" square holes on 11/16" centers. The frame shall include countersunk screw holes. The number of holes varies with the size of the unit. The S1V-MS, S1H-MS, S2V-MS, and S2H-MS shall be finished with factory white powder coat.

HD3-MS - MINIMUM SECURITY STEEL LOUVER GRILLE (PAGES E-8 & E-9)

Contractor shall furnish and install security grilles, type HD3-MS, as herein specified, or where shown on plan. The units shall be as manufactured by Anemostat Products. Security grille type HD3-MS shall be all steel welded construction. Louver bars are constructed with 13 GA C.R.S., spaced 3/4" on center, and welded to the frame. The louver bars will have zero degree deflection. The frame shall be 16 GA C.R.S. with welded mitered corners. The support bars are welded to the frame, with a maximum (center to center) of 6 inches. The interior screen consists of 10 GA x 1/2" woven steel mesh on 5/8" centers. The heavy gauge screen is welded to the frame. The sleeve is constructed of 14 GA C.R.S. and welded to the grille frame. The 3/16" steel locking angles provided are to be field welded by the contractor. The HD3-MS and HD3-MS units shall be finished with factory white powder coat.

SGAL-1, SGAL-15, SGAL-45 - MINIMUM SECURITY ALUMINUM LOUVER GRILLE (PAGES E-10 & E-11)

Contractor shall furnish and install the minimum security grilles, type SGAL-1, SGAL-15, and SGAL-45, as herein specified, or where shown on plans. The units shall be as manufactured by Anemostat Products. The frame shall be of heavy gauge extruded aluminum, with a 1" border and welded corners. An extruded aluminum grille core will consist of bars 1/4" x 3/4" x 1/2" on centers. The grille support bar will be extruded aluminum. The interior perforated screen shall be 14 GA aluminum. The unit shall be installed with tamperproof screws. The SGAL-1, SGAL-15, and SGAL-45 units shall be finished in natural anodize.

* California Title 24 Compliant for Suicide Resistance

DIFFUSERS

SGSDF - MINIMUM SECURITY DIRECTIONAL WITH LATTICE FACE PLATE (PAGES E-12 & E-13)

Contractor shall furnish and install security diffusers, type SGSDF, as herein specified, or where shown on plans. The units shall be as manufactured by Anemostat Products. The SGSDF diffuser shall have all steel construction with reinforced welded corners. The SGSDF will consist of a 12 GA C.R.S. face plate with a hole pattern of 13/16" square holes on 1" centers. The unit shall give a horizontal air discharge pattern. The SGSDF will be mounted with steel tamperproof screws. The SGSDF unit shall be finished with factory white powder coat.

PLD-MS* - MINIMUM SECURITY DIRECTIONAL WITH PERFORATED FACE PLATE FOR LOCK DOWN CEILINGS (PAGES E-14 & E-15)

Contractor shall furnish and install security diffusers, type PLD-MS, designed to fit a "LOCK-DOWN T-BAR" Ceiling, as herein specified, or where shown on plans. The units shall be as manufactured by Anemostat Products. The PLD-MS will consist of commercial grade louvers with an adjustable throw pattern, attached within the neck (variable sizes available, round or square). The unit is affixed to a standard 18 gauge (optional 16 gauge) perforated faceplate (hole pattern: 3/16" diameter holes on 1/4" staggered centers) sufficient to accommodate the diffuser pan. The faceplate will have 90° leg which is lanced to lock into the T-Bar grid system. The faceplate is attached to the diffuser pan with non-visible spring clips (or tack welded). Volume damper assembly available upon request (opposed blade damper or "v" butterfly damper). NOTE: Return unit (3RPLD-MS) does not include air pattern assembly. The PLD-MS shall be finished with factory white powder coat.

DOOR GRILLE

PLSL - MINIMUM SECURITY DOOR LOUVER WITH LATTICE FACE PLATE (PAGE E-18)

Contractor shall furnish and install the security louver, type PLSL, as herein specified, or where shown on plans. The units shall be as manufactured by Anemostat Products. The PLSL security louver is all steel construction with a face plate of 12 GA with 13/16" square perforations on 1" centers and with louver blades of 18 GA material. The unit shall be furnished with factory white powder coat.

FLDL-UL-SG1/FLDL-UL-SG2 - MINIMUM SECURITY FIRE RATED DOOR LOUVER (PAGE E-19)

Contractor shall furnish and install the security louver, type FLDL-UL-SG1/FLDL-UL-SG2, as herein specified, or where shown on plans. The units shall be as manufactured by Anemostat Products. The FLDL-UL-SG1/FLDL-UL-SG2 fire rated security louver is all steel construction with a face plate of 12 GA with 13/16" square perforations on 1" centers and with louver blades of 18 GA material. The unit shall be furnished with factory white powder coat.

IMPORTANT It is the specifier's responsibility to properly configure the HVAC system to meet the appropriate level of comfort, safety, security and detention