

Case Study Van Cise-Simonet Detention Center, Denver, CO

Living, Medical and Processing Spaces Secured at State-of-the-Art Denver Detention Center



What's so unique about this project

Law enforcement facilities in the Denver area sorely needed an upgrade. The new Van Cise-Simonet Detention Center is part of the revitalized effort to fill this need. This state-of-the-art facility holds up to 1,500 inmates awaiting trial and is operated by the Denver Sheriff Department. The Van Cise-Simonet Detention Center comes complete with a technologically advanced security system and inmate computer visitation. The building holds two courtrooms, a complete medical unit to treat any ailment, a full kitchen, and a laundry area in the basement.

Providing air distribution in buildings where security is a concern can be tricky, but not for Titus and Air Purification Company. The designers wanted to partner with a proven HVAC manufacturer and distributor with experience in facilities similar to this. The primary air outlets selected for this project were the SG-3300RL, the ML diffuser, the MP plenum, and an assortment of perforated diffusers.



Feature: Titus SG-3300RL Security Grilles

Available in steel or aluminum Titus medium security grilles are designed to provide excellent performance in areas requiring increased levels of supervision. With heavy gauge steel louvers welded to a steel sleeve that extends through the wall, the SG-3300RL is an exceptionally strong bar grille. The grilles are fixed with a 38 degree deflection with 3/8" blade spacing.



SG-3300RL

Feature: Titus ML Modulinear Diffuser

The Titus ML Modulinear diffuser is a high performance, high quality linear slot diffuser. Its unique "ice tong" deflector blades allow both changes in air volume and direction from the face of the diffuser. The MP is an optional plenum for use with the ML Modulinear series. When combined with the ML diffuser, the MP provides a tight horizontal air pattern that clings to the ceiling even at low volumes.



ML

Feature: Titus Perforated Ceiling Diffusers

Titus Perforated ceiling diffusers are typically selected to meet architectural demands for air outlets that blend into the ceiling plane. Their features include a perforated face with 51% free area, round or square inlets, and multiple mounting options. Titus perforated diffusers can be selected with round or cross flow discharge patterns to maximize capacity or throw.



MP



PAR/PAS

Teamwork

Client - City of Denver
 Line - Titus HVAC
 Architects - RicciGreene Associates
 Certification - LEED® Silver

Learn More

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