



Fayetteville Public Library's Blair Library

Fayetteville, Arkansas

clever. creative. comfort.

Client - City of Fayetteville

Representative Office - Airtech Corp.

Architect - Meyer, Scherer, and Rockcastle

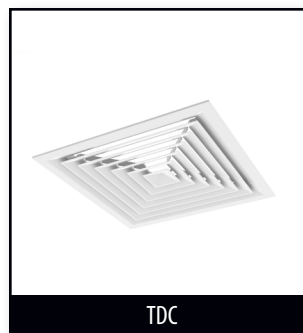
LEED Certification - LEED Silver Certified



ABOUT THE PROJECT

The Fayetteville Public Library, also known as the Blair Library, is an 88,000 square-foot facility with many amenities for the young and old. This LEED Silver Certified building has 125 computer workstations, meeting spaces for up to 200 adults, a children's reading area, a cafe, and an enormous collections of books, audio visual items and periodicals.

Sustainable design elements can be seen throughout this magnificent facility. Some of the Green Building design elements utilized in the building are a cistern that recycles rainwater, a reflective green roof, shaded windows, and the usage of waterless urinals. Trees that were moved during the initial construction were relocated and replanted around the library as well. By taking advantage of these features, the Fayetteville Library will reduce its operating costs by \$30,000 annually.



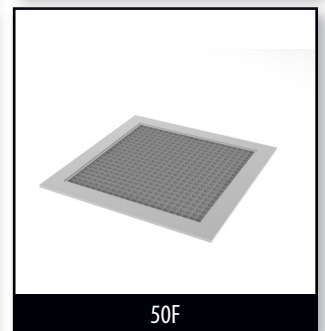
TDC



ML



R-OMNI



50F

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THE TITUS SOLUTION

The HVAC system for this facility would have to be equally as impressive and offer the same energy efficient advantages. The air outlets selected for this project provide superior performance and adjustability. The Titus ML is a high performance, high quality linear slot diffuser that projects a uniform blanket of air that adheres to the ceiling even at low flow rates. The unique "ice tong" deflector blades allows the discharged air to be gradually changed in volume and direction from the face of the diffuser by moving the pattern controllers.

The TDC is capable of handling an unusually large amount of air for a given pressure drop and noise level. Its pleasing appearance harmonizes with various architectural ceilings, especially in modular ceiling systems. It maintains an unbroken horizontal flow pattern from maximum cfm down to minimum cfm. The TDC provides excellent performance in variable air volume systems. The appearance of the R-OMNI diffuser is designed for architectural ceilings and facilities with exposed ductwork. The smooth face is adjustable in three positions for horizontal or vertical flow. The R-OMNI can be used effectively in heating or cooling applications and is an excellent choice in variable air volume systems. The 50F is an aluminum eggcrate grille. It has the highest



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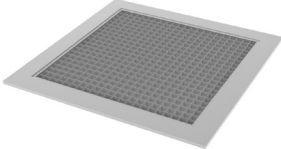
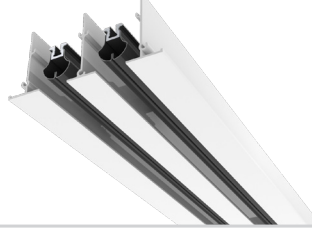
free area of any return grille. This product is available in the following configurations - with an aluminum border and grid, with a steel border and grid or constructed entirely of stainless steel.

THE END RESULT

The new Fayetteville Public Library is a state-of-the-art facility designed to complement the environment in which it was built. By utilizing these features, this green facility reduces the impact it makes on the surrounding areas and becomes a true learning environment for all.



Titus Products List

			
<p>TDC</p>	<p>R-OMNI</p>	<p>50F</p>	<p>ML</p>
<p>TDC diffusers handle an unusually large amounts of air for a given pressure drop and noise level.</p>	<p>The appearance of the R-OMNI diffuser is designed for architectural ceilings and facilities with exposed ductwork. The smooth face is adjustable in three positions for horizontal or vertical flow.</p>	<p>Titus Eggcrate grilles have the highest free area of any return grille. These grilles are available with aluminum border and aluminum grid; steel border and aluminum grid; or entirely stainless steel construction.</p>	<p>The Titus ML Modulinear diffuser is a high performance, high quality linear slot diffuser.</p>

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