



Oak Park Public Library

Oak Park, Illinois

clever. creative. comfort.

Client - City of Oak Park
Representative Office - Air Products Equipment
Architect - Nagle Hartray Architecture
LEED Certification - None



ABOUT THE PROJECT

The Oak Park Public Library is a breathtaking revitalization and renovation project that doubled the size of the previous building. The design team from Nagle Hartray Architecture partnered with the community to create a facility that would meet their needs while preserving the history of the era in which the library was built. The community also wanted to have an eco-friendly facility, but with a limited budget, the design team was faced with another challenge.

Meeting the sustainable elements that the community wanted meant the architects would have to become creative. The Oak Park Library used material within a 500-mile radius of the building for construction and applied a green roof which increases insulation during extreme weather while prolonging the life of the roof itself. Storm water drainage is also reduced with the addition of the green roof. The library also has underground parking, amenities for young and old to utilize and totals 104,000 square-feet.

THE TITUS SOLUTION

The new library has a state-of-the-art HVAC system. Titus was pleased



OMNI



TBDI-80



DTQS



DESV

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to be selected to provide the grilles, diffusers and terminal units for this project. Throughout the library, we have hundreds of products providing superior air distribution. The main products featured in the facility are the OMNI, the TBDI-80, the DTQS, and the DESV terminal unit.

The Titus OMNI is a steel plaque face diffuser that satisfies architectural and engineering criteria. Its strong, clean, unobtrusive lines harmonize with the ceiling system without sacrificing performance. The curvature of the OMNI backpan works with the formed edges of the face panel to deliver a uniform 360 degree horizontal air pattern, without excessive noise or pressure drop. It is an excellent selection for variable air volume systems. Our TBD diffusers are a series of plenum slot diffusers that provide flexibility, great performance and ease of installation. Their adjustability and streamlined appearance make them the industry standard for plenum slot diffusers. The TBDI-80 works with many types of ceiling systems - plaster, splined, regressed, and standard lay-in.

The terminal units selected for this project are equally as impressive as the GRD products. The Titus DESV is a single duct terminal unit. The DESV is unique as it incorporates many design features that increase performance, decrease service and installation costs, and offer increased value, over and above this basic function. This unit also contains a standard AeroCross™ multi-point center averaging velocity sensor. The DTQS is a fan powered terminal unit that maintains the VAV energy savings at the central fan. Designers choose Series flow terminals for their characteristics of constant air delivery and temperature blending.



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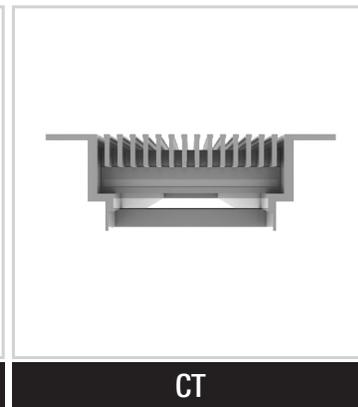
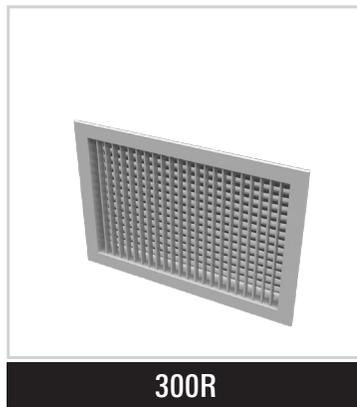
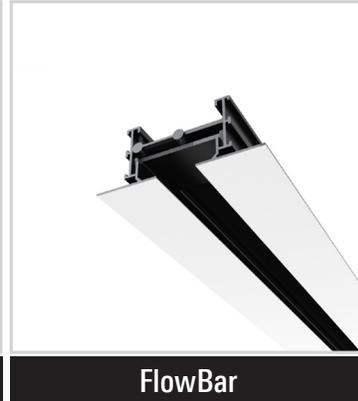


THE END RESULT

The newly renovated Oak Park Public Library combines modern technology while honoring the architecture from a time long ago. This new blend of amenities and historic architecture will definitely serve the community for many years to come and allow this generation to pass down a piece of history to the next generation.



Titus Products List



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