



King Abdullah University of Science & Technology Saudi Arabia

clever. creative. comfort.

Client - KAUST

Representative Office - International Group Company (IGC)

Architect - HOK Architects

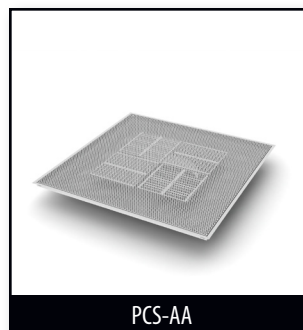
LEED Certification - LEED Platinum Certified



ABOUT THE PROJECT

KAUST is a graduate-level research university dedicated to bringing a new age of scientific discovery in Saudi Arabia and around the world. It brings together internationally renowned scientists to compete as one of the world's leading graduate research institutions. At KAUST, researchers, graduate-level students and faculty are challenged with advancing science and technology to have a global impact for future generations.

Having opened in September 2009, KAUST was designed by the architectural firm of HOK Architects to be the best university in the world. This LEED Platinum Certified campus features two million square feet of lab space spread across an interconnected complex of four five-story, 500,000-square foot buildings. The research centers focus on cutting-edge programs in biosciences and engineering, materials science and engineering, energy and the environment, and applied mathematics and computational science. The labs are designed and equipped to attract the world's best and brightest minds in science.



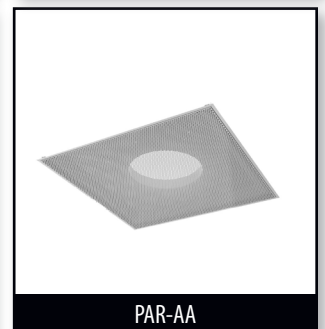
PCS-AA



3FL/FS



OMNI-AA



PAR-AA



THE TITUS SOLUTION

Titus was pleased to provide many air distribution solutions for this project. Several grille and diffuser products are featured throughout this magnificent campus. Two of our perforated ceiling diffusers were used in many different areas. Perforated ceiling diffusers are typically selected to meet architectural demands for air outlets that blend into the ceiling plane. Titus perforated diffusers can be selected for a round pattern to maximize capacity or star pattern to maximize throw.

The PCS-AA and PAR-AA are aluminum units. The PCS-AA is a flush face diffuser that is designed for longer throws in variable air volume systems. The PAR-AA is a return diffuser that provides a tight, uniform horizontal blanket of blanket of air and protects against smudging. Other aluminum products utilized throughout the campus are the OMNI-AA and the 3FL/FS grille. The Titus OMNI-AA diffuser satisfies architectural as well as engineering criteria. The curvature of the backpan works with the formed edges of the face panel to deliver a uniform 360° horizontal air pattern, without excessive noise or pressure drop. The OMNI-AA is an excellent choice for variable air volume systems. The 3FL/





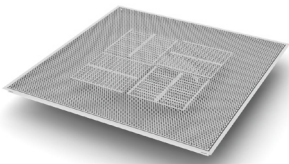

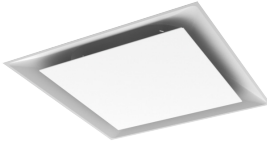
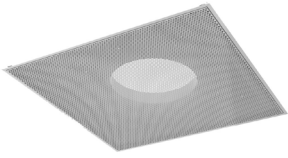
FS grille is a return grille with 45° deflection and 3/4" blade spacing. The blades are also parallel to the long dimension.

THE END RESULT

The King Abdullah University of Science and Technology has one main goal in which all others are based - to be the premier scientific institution for graduate research in the world. By providing cutting-edge facilities for all to utilize, KAUST has created the perfect environment to grow and develop the future leaders of the next generation.



Titus Products List

			
PCS-AA	3FL/FS	OMNI-AA	PAR-AA
Titus Series PCS ceiling diffusers are designed for longer throws. Discharge patterns can be adjusted from either horizontal to vertical before or after installation.	AeroBlade Return Grilles are the quietest in the industry. Utilizing a unique airfoil blade design, these grilles provide the ultimate in performance and noise reduction.	The Titus OMNI-AA is an all-aluminum plaque face diffuser that satisfies architectural and engineering criteria. Its strong, clean, unobtrusive lines harmonize with the ceiling system without sacrificing performance.	Titus return perforated ceiling diffusers have the same face and border construction as the supply models, for harmonious appearance in the room.

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