



Rebecca & John Moores UCSD Cancer Center

San Diego, California

clever. creative. comfort.

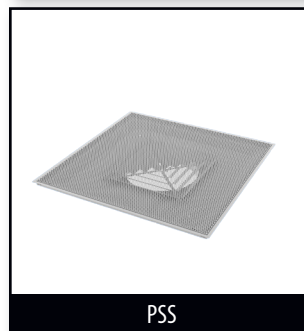
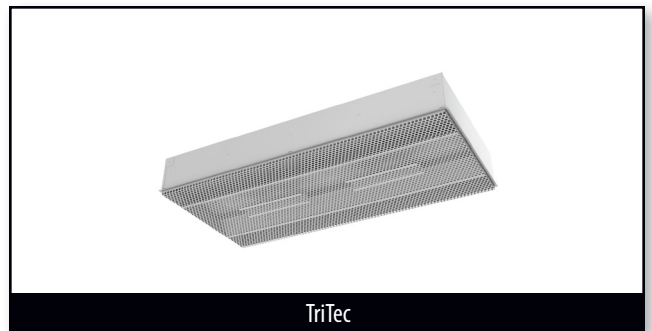
Client - University of California - San Diego
Representative Office - Toro-Aire
Architect - Zimmer Gunsul Frasca Architects LLP
LEED Certification - none



ABOUT THE PROJECT

The University of California at San Diego Cancer Center is a stunning achievement for teaching, treatment and research into the causes and hopefully cures of all forms of cancer. The patients who walk through these doors will have access to the most advanced care, in a state-of-the-art setting. The groundbreaking work of the physicians and scientists associated with the Moores UCSD Cancer Center will benefit its patients for generations to come.

The UCSD Cancer Center is a 270,00 square foot facility that houses clinical, research, educational, and outreach activities all under one roof. The center also includes a serene outdoor setting called the Garden of Hope. This tranquil, shaded bamboo garden can be used for dining and interaction with other patients. This location was designed specifically for the cancer patients to inspire hope and provide comfort during their treatment at the facility.



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THE TITUS SOLUTION

Providing air distribution solutions for critical environment or cleanroom applications is not new to Titus. We have been the industry leader for air management for several decades. The products selected for the UCSD Cancer Center were the TriTec, the PSS and the FlowBar.

The Tritec diffuser is a high volume, low velocity unit that utilizes radial air diffusion technology to dilute airborne contaminants. The airflow pattern is designed to produce a uniform pattern to prevent dead spots where contaminants can linger. It is an excellent choice for Class 1,000 to 100,000 rooms. The Titus Series PSS perforated star diffusers generate a high induction air pattern that maximizes throw. The deflector is mounted directly under the neck of the diffuser to generate the long-throw star pattern. As a result, pressure drop and noise levels are lower than typical curved blade perforated diffusers.

The FlowBar architectural linear diffuser system maximizes engineering performance without sacrificing aesthetic considerations of the architects. FlowBar's outstanding performance allows higher airflows than conventional linear diffusers, with lower noise levels, making it ideal for high profile designs. The Flowbar system is available



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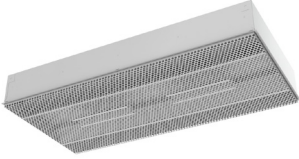


in continuous linear, incremental linear and square configurations.

THE END RESULT

The new building represents a new beginning for UCSD as an NCI-designated Comprehensive Cancer Center. It is a tribute to the commitment of the university to establish a world-class cancer center that fosters interdisciplinary research and brings the benefits of research directly to the community it serves. The center serves as the benchmark for future facilities to meet or exceed.



Titus Products List

		
<p>TriTec</p>	<p>PSS</p>	<p>FlowBar</p>
<p>Titus TriTec diffusers are designed to meet the challenge of diluting airborne contaminants by supplying high-volume, low-velocity airflow to displace these impurities.</p>	<p>Titus Series PSS perforated star diffusers generate a high induction air pattern that maximizes throw. The deflector is mounted directly under the neck of the diffuser to generate the long-throw star pattern.</p>	<p>Titus FlowBar architectural linear diffuser system maximizes engineering performance without sacrificing aesthetic considerations for the designer.</p>

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