

Anne Arundel Community College Health & Life Sciences Building



Installation of Zehnder Alumline Radiant Ceiling Panels Gain Energy Cost Savings.

Anne Arundel Community College's Health and Life Sciences Building (HLSB) exemplifies a commitment to energy cost savings and sustainability, achieving a remarkable 35-percent reduction in energy expenses compared to state codes. By employing advanced climate analysis and performance modeling, the building's design optimizes its orientation, thermal envelope, and daylighting, significantly curbing external heat gain. These strategies, combined with Zehnder's highly efficient radiant cooling system and the dedicated outdoor air management, ensure superior comfort and air quality while substantially lowering operational costs. This approach not only supports AACC's mission to provide an outstanding educational environment but also aligns with its broader goals of environmental stewardship and cost efficiency.

Project

- Reconstructing a building with elements that allow for advanced technology and sustainable practices throughout the entire building.

Year Completed

- 2017

Property

- 175,000 square feet

Architect

- Smith Group

Sustainability

- LEED Gold



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