

CSA Standards and Our Technology

Optimal indoor environments for a safer hospital construction.

Polygon Climate Control has long been supporting hospitals in creating ideal conditions. We offer climate control solutions and IoT technology applicable to every project category within the CSA Z317.13:22 Standard.

CSA Section	Our Technology
Quality system	A comprehensive Polygon Climate Control system enhances quality management by enabling monitoring, control, and documentation of environmental conditions, while providing insight into areas for improvement.
Dust Control	The ExactAire IAQ Plus system, adept at detecting particulate matter in varying sizes (PM1, PM2.5, PM4, PM10), ensures optimal air quality and minimizes the risk of dust migration from construction area to occupied areas
Differential pressure	We have sensors that can be used to monitor, log and visually display pressure. The number and timing of spaces requiring positive pressure is highly variable. Sensors and monitoring are easily relocated as work progresses.
Construction Materials	Materials must be stored away from any potential exposure to contaminants or excessive moisture. Our sensors, including the ExactAire Multi Sensor with WME probe, effectively measure moisture content in construction materials like drywall and wood, preventing potential damage.

*Please note that not every clause of the Standard is included. To learn more about the guidelines, visit:

<https://www.csagroup.org/store/product/CSA%20Z317.13:22/>

To read the full blog please visit: www.polygongroup.ca/csastandards



EXACTAIRE IOT TECHNOLOGY



Real-time data meets smart climate control

Connected devices and equipment mean you get real-time data and control of interior conditions. Deploy Polygon Climate Control's ExactAire system for indoor air quality, leak detection, moisture management, or energy savings.

CONTACT US

To discuss how we can support your CSA Strategies

1-888-702-4782

www.polygongroup.ca