

Reliable Controls adds to its suite of indoor air quality solutions with an optional particulate matter sensor

Victoria, BC, Canada—Reliable Controls is helping building owners work smarter, not harder, with the release of an optional particulate matter (PM_{2.5}) sensor for its bestselling [MACH-ProView™](#) controllers. The PM sensor option for these products complements the company's existing carbon dioxide and volatile organic compound sensor options to provide a complete indoor air quality solution for the built environment.

The PM sensor available for MACH-ProView controllers is the Sensirion SPS30, which offers precise measurement of dust and other particles to determine the air quality in a space based on laser scattering. PM_{2.5} refers to particles in the air that are 2.5 microns or less in width—about 30 times smaller than the width of a human hair. PM_{2.5} particles are among the most dangerous air pollutants; their small size means they can travel deep into the respiratory tract and cause a variety of health issues.

"In our post-pandemic life, indoor air quality is one of the highest-priority concerns for a lot of people," says Cameron Lutz, senior marketing manager at Reliable Controls. "We spend on average 90 percent of our time indoors. Being able to measure and precisely control environmental variables is a tangible benefit for every occupant in every segment of the built environment. Reliable Controls is leading the charge with a huge variety of high-quality, well-priced sensing options to meet this demand."

Sensors are a crucial component of any building automation system, collecting data inputs used to control ventilation, air filtration, and other equipment. Building owners can depend on technologies from Reliable Controls to monitor the indoor air quality in their facilities. Whether they need to measure particulate matter, volatile organic compounds, carbon dioxide, relative humidity, or temperature, Reliable Controls has sensor options to suit a variety of needs.



Find a local Reliable Controls Authorized Dealer near you today.