

WEBCTRL® ADD-ON

WEATHER FORECASTING



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ADD-ON FOR THE WEBCTRL® BUILDING AUTOMATION SYSTEM

Automated Logic® WebCTRL® add-ons extend the capability of the WebCTRL building automation system.

The weather forecasting add-on helps buildings adapt to climate change by unlocking new ways to keep occupants safe and comfortable, save energy, and conserve water. The add-on uses data from sources such as AccuWeather®, National Weather Service® and Environment Canada to enable intelligent control strategies based on ten day hourly weather forecasts and real-time outside air quality data.

These predictive control strategies allow buildings to adapt to unpredictable climate conditions. Air quality information can be used to ensure that unhealthy outside air - such as that caused by wildfires and pollution - remains outside of the building while weather forecasts can be used to optimize energy efficiency indoors and the use of water in irrigation systems outdoors.



WebCTRL Add-on

KEY FEATURES

- Full 10-day hourly forecast: temperature, dew point, wet bulb, humidity
- Air quality features: fine particulate matter, particulate matter, ozone, nitrogen dioxide, sulfur dioxide, and carbon monoxide
- Hourly precipitation forecast: rain, snow, ice
- Wind conditions forecast: direction, speed, gust speed
- Includes control program and WebCTRL system graphic for easy deployment

Feature	Data Source	License Required
Current Weather	National Weather Service Environment Canada Accuweather	No No Yes
Daily Weather	National Weather Service Environment Canada Accuweather	No No Yes
Hourly Weather	Accuweather	Yes
Current Air Quality	Accuweather	Yes

Requires: WebCTRL system v8.0 with the latest cumulative patch applied.



WebCTRL®

The WebCTRL building automation system gives you the ability to understand your building operations and analyze the results. Integrate environmental, energy, security and safety systems into one powerful management tool that helps you reduce energy consumption, increase occupant comfort, and achieve sustainable building operations.

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9-5-2023