



# HUMIDITY SENSORS

**Serving OEMs, Distributors, and Contractors with Application Solutions for:** Outdoor Air Humidity, Economizer Control, Psychrometric Calculations, Washdown Applications, Monitoring, Humidification, Dehumidification, Roof Top Units, Air Handlers, Process Control, Monitoring Room RH Levels, ESD (Anti-Static) Control, Hospitals, Clean Rooms, Commercial Buildings, Schools, Museums, and Data Centers.

**workaci.com | 1-888-967-5224**



**Automation Components, Inc.**

2305 Pleasant View Road | Middleton, WI 53562



## HUMIDITY

ACI humidity sensors are durable, accurate, reliable, and backed by a five-year warranty on the entire device. Available with accuracies of  $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 3\%$ , or  $\pm 5\%$ . They can be field calibrated to reduce operating costs and paired with a temperature sensor to reduce installation costs.

### Applications:

- Outdoor Air Humidity
- Economizer Control
- Psychrometric Calculations
  - Enthalpy & Dew Point
- Washdown Applications
- Monitoring
  - Return Air Temp/RH
  - Supply
  - Discharge Air Temp/RH
- Humidification
- Dehumidification
- Rooftop Units
- Air Handlers
- Process Control
- Monitoring Room RH Levels
- ESD (Anti-Static) Control
- Hospitals
- Clean Rooms
- Office/Commercial Buildings
- Schools/Colleges
- Museums
- Data Centers



## DUCT

All duct humidity sensors feature a weatherproof housing with a tool-less, twist-on cover and a field-selectable analog output (0-10 VDC, 0-5 VDC, or 4-20 mA). They are powered by either AC or DC and can be paired with any resistive or analog temperature sensor. NEMA 3R and NEMA 4X enclosures are also available.



## OUTSIDE

Outside air humidity sensors have the same features as the duct sensors described above. In addition, they can be specified with a NEMA 3R enclosure, NEMA 4X enclosure, or sun shield. The sun shield provides accurate readings when mounted in direct sunlight.



## ROOM

Room humidity sensors can be paired with any temperature sensor or temperature sensor option, such as setpoint, override, or communication jack. Two different housing styles and colors available. Contact us for custom branding options.



## ENTHALPY

ACI enthalpy devices can be used either as stand-alone transmitters measuring 0–50 BTUs (A/ENT) or as controllers measuring differential enthalpy. Using the same sensing technology as other ACI humidity sensors, these accurate and reliable enthalpy devices are cost-effective and easy to install.



## REMOTE PROBES

Remote probe humidity sensors are ideal for critical facilities and demanding applications. Available in 3', 6', 10', and 20' lengths.



## TUCH2

The TUCH2 series can indicate temperature and/or humidity, setpoint, fan speed, and occupied status in a sleek backlit display with numerous user-configurable options.





# WE HAVE YOU COVERED!



From engineering and design services to installation and troubleshooting, our Technical Support Team offers expert support for every customer and every application. Our Sales and Customer Support Teams can help with quotes, order status, invoicing, and many product spec and application questions.

## CONTACT US

**Phone:** 1-888-WORKACI (967-5224)

**Live Chat:** Click the Chat button on every page of our website: [workaci.com](http://workaci.com)

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**STAY CONNECTED**

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