Wireless Wall Mount Humidity Sensors

Aerospond

HWXW Series

SPECIFICATIONS

INPUTS	
Input Voltage *Battery Option* *External Power Option*	 Two 1.5 V AA lithium/iron disulfide batteries (3000 mAh min.) Class 2; 12-30VDC/24VAC ±20%, 50/60 Hz
Setup	Pushbutton setup
OUTPUTS	
Wireless	802.11 B/G 2.4 GHz radio
Battery Indicator (Battery Option Only)	Indicates low battery power (read by Gateway or JACE)
Temperature Output Range	Configurable in software: 0° to 50°C (32° to 122°F) or 10° to 35°C (50° to 95°F)
ACCURACY	
Temperature	±0.75°C (typical)
Humidity	±1% or ±2% of full scale @ 25°C
OPERATING ENVIRONMENT	
Operating Temp Range	0° to 50°C (32° to 122°F)
Operating Humidity Range	0 to 95% RH noncondensing
Storage Temperature Range	-40°C to 50°C (-40°F to 122°F)
COMPLIANCE INFORMATION	
Agency Approvals *Battery models* *All models*	 EN61010-1; ETL Listed to UL 60950-1 CE
WARRANTY	
Limited Warranty	5 years*

** Five-year warranty is for the device only. In battery models, the battery may need replacement at intervals shorter than five years, depending on how the device is configured.*

Collects Environmental Data and Transmits Over Wi-fi Network

FEATURES

- *Choose to monitor humidity only or temperature and humidity in one device...application flexibility*
- *Wall mount...easy installation in a low-profile housing*
- *Battery model is simple to power...AA battery power with up to five year life (with transmission interval set at 5 minutes)*
- *Direct integration to a Veris U027-001 wireless gateway or JACE controller*
- *No wiring required (battery model)...reduced labor and cost*
- *Fast installation...reduced downtime for deployment*

DESCRIPTION

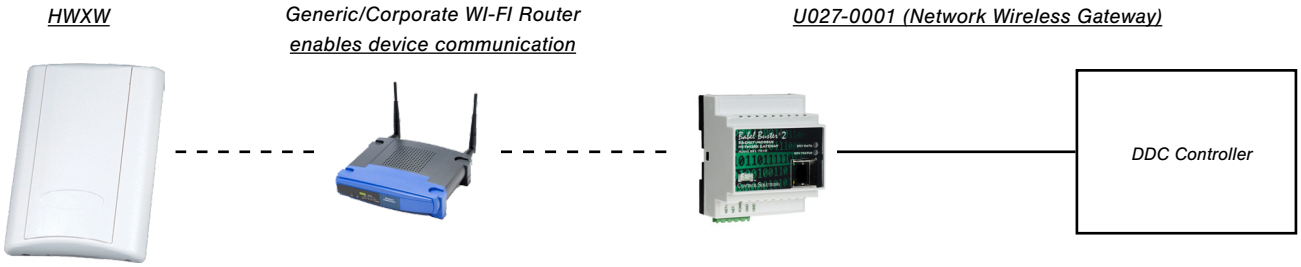
Aerospond HWXW Series wall mount environmental sensors offer a new method for monitoring and controlling indoor air quality. These sensors monitor interior humidity and optional temperature conditions and transmit this information over the building's existing wireless network to a wireless gateway device, which communicates with the building control system, or to a JACE controller for direct integration.

APPLICATIONS

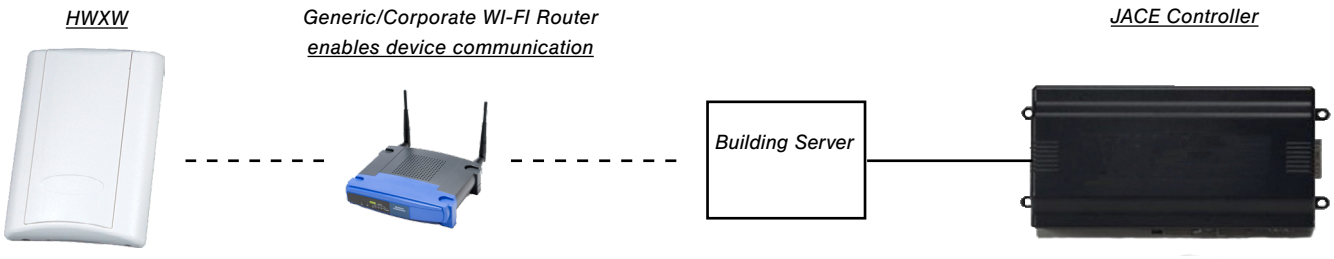
- *Controlling HVAC systems for improved comfort & energy savings*
- *Museums, schools, printing shops, hospitals, data centers, & other locations that require temperature and humidity control*
- *Facilitating compliance with ASHRAE standards for environmental control and indoor air quality*

APPLICATIONS

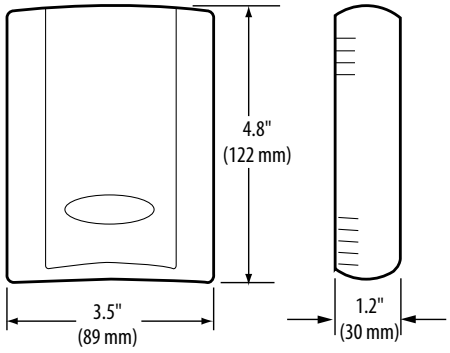
Option 1: Integration to Building Control Using a Network Wireless Gateway



Option 2: Direct Integration Using a JACE Controller



DIMENSIONAL DRAWING



ORDERING INFORMATION

	Local Display	Wireless	RH Accuracy	Temp. Option	Power Option
HW	X	W			
	= No Display	= Wireless	**X** = No RH **H** = RH 2%	**X** = No temp. **T** = Temp. transmitter	**None** = Battery **V** = 12-30VDC/24VAC

ACCESSORIES

Programming Cable (AWB01)

Network Wireless Gateway (U027-0001)

JACE Driver (AWB04, available for free download from the Veris website)

AWB01

U027-0001