

Frequently Asked Questions



Leviton Humidity Sensor and Fan Control (IPHS5)

Does the Leviton Humidity Sensor and Fan Control meet the requirements of CALGreen and California Title 24 for indoor air quality and exhaust?

Yes, the Leviton IPHS5 meets the 2016 California Green building standard requirements for indoor air quality and exhaust and meets the requirements for 2019 California Title 24, Part 6, Indoor Air Quality and Mechanical Ventilation.

Section 4.506	2016 CALGREEN, Part II, Indoor Air Quality and Exhaust f	<i>Unless functioning as a component of a whole house ventilation system, fans must be controlled by a humidistat which shall be readily accessible. Humidistat controls shall be capable of adjustment between a relative humidity range of 50 to 80 percent.</i>
Section 150.0(o)	2019 California Title 24, Part 6, Indoor Air Quality and Mechanical Ventilation	<i>All dwelling units shall meet the requirements of ASHRAE Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Residential Buildings subject to the amendments specified in Section 150.0(o)1</i>

If I install the Leviton Humidity Sensor and Fan Control, can I manually control my exhaust fan?

Yes, by simply pressing the fan icon on the face of the device you can manually activate the fan. Once turned on, the Leviton Humidity Sensor and Fan Control has a built in count down timer function to allow the fan to run for a set period of time. The time out function is pre-set to a default of 10 minutes but can be adjusted to 10, 20, 30 or 45 minutes. (Note: the time out represents the minimum ON time as the sensor will continue to function in humidity sensing mode.)

How does the Leviton Humidity Sensor and Fan Control save energy?

By automatically operating the fan only when needed to control excess humidity, the Leviton Humidity Sensor and Fan Control helps reduce energy usage by assuring the fan is not left on continuously or unnecessarily.

Can the Leviton Humidity Sensor and Fan Control eliminate condensation?

The Leviton Humidity Sensor and Fan Control is designed to work in conjunction with a properly sized and rated ventilation fan in an enclosed room to remove moisture.

Is the Leviton Humidity Sensor and Fan Control easy to install?

The Leviton Humidity Sensor and Fan Control can replace an existing single pole switch that is wired to a ventilation fan. The Leviton IPHS5 requires a neutral wire and has screw terminals for ease of installation. The device can be used with most bathroom exhaust or ventilation fans or fan/light combinations.

What is the Air Cycle mode on the Leviton Humidity Sensor and Fan Control?

The Air Cycle mode automatically turns ON a ventilation fan for a set period of time and repeats the cycle hourly (e.g., 20 minutes ON/40 minutes OFF each hour). This feature may be used in areas requiring periodic ventilation on a continuous basis such as basements or home spas.

What is the maximum fan load for the Leviton Humidity Sensor and Fan Control?

The device is rated for 1/6th HP (3 Amp) fan or motor load.

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747-3138, 1-800-323-8920 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com/afci

© 2019 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

Frequently Asked Questions



Leviton Humidity Sensor and Fan Control (IPHS5)

Can the Leviton Humidity Sensor and Fan Control operate a fan with a light load?

Yes, if the light and fan are on the same "hot" switched leg. It is not recommended in applications where the fan/light combination is the sole light source.

Is the Leviton Humidity Sensor and Fan Control available in colors?

The Humidity Sensor and Fan Control is available in White, Ivory and Light Almond. The device is designed for color change kits which are available in White, Ivory, Light Almond, Black and Brown. Please note that the color change kits do not have a fan icon.

Can the Leviton Humidity Sensor and Fan Control be used in applications other than a bathroom?

The device is designed to control fans up to 1/6th HP (3 Amp). Other applications may include home spas, basements or laundry rooms for ventilation.

Does the Leviton Humidity Sensor and Fan Control require a neutral wire for installation?

Yes, the installation requires connection to a neutral wire.

What does the LED indicate on the Leviton Humidity Sensor and Fan Control?

The light on the face of the device indicates the status. It will illuminate constant when there is no activity and remain solid during automatic humidity detection (fan ON). During manual ON mode the LED locator will blink.

Are there any adjustments that need to be made to the Leviton Humidity Sensor and Fan Control?

The product is pre-set with default sensitivity, time-out and humidistat level. The default conditions are set for the installation in automatic humidity control mode. If desired, the settings can easily be adjusted. Please refer to the product installation instruction sheet for more detail.

Can the Leviton Humidity Sensor and Fan Control be used in large bathrooms?

It is recommended that in large spaces the Humidity Sensor and Fan Control be placed within close proximity to the shower/tub (steam/vapor source) to most effectively measure/monitor for excess humidity.

Can the Leviton Humidity Sensor and Fan Control be used in bathrooms with high ceilings?

Ceiling heights in excess of 8 feet may affect the sensors' ability to properly detect shower/tub steam. The sensor requires a closed room to properly operate. Opening a door during operation may temporarily interrupt the operating cycle.

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747-3138, 1-800-323-8920 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com/afci

© 2019 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.