



## In-Wall Humidity Sensor & Fan Control Switch with Integrated Light Switch

### BENEFITS

- **All-in-One Fan & Light Control:** Replaces a standard single-pole switch to control a ventilation fan, a fan/light combo, or independent fan and lighting circuits—perfect for bathrooms, laundry rooms, and utility areas.
- **Broad Load Compatibility:** Supports ventilation fans up to 1/4 HP and works reliably with LED, CFL, incandescent, halogen, MLV, and ELV lighting loads.
- **Precision Humidity Sensing:** Features a digital humidity sensor with microprocessor control for accurate moisture and occupancy detection, minimizing false triggers and improving daily comfort and air quality.
- **Multiple Operating Modes:** Bath fan mode, humidistat mode, and air cycle mode provide flexible ventilation options tailored to different room conditions.
- **Tool-Free Setup:** All settings can be adjusted directly from the built-in toggle—no wall-plate removal or tools required.
- **Simplified Installation with Test Mode:** A dedicated test mode helps verify sensor placement and ensures correct calibration during installation.
- **UL & Title 24 Compliant:** Meets UL 60730, C22.2 No. 60730, ASHRAE 62.2, and supports compliance with California Title 24 (2019 & 2022) and CALGreen Part II indoor air quality standards.
- **Ground Connection Required:** Requires an earth ground connection for safe, reliable, and compliant operation.

### SPECIFICATIONS

Model	EKA25A	EKA25B
Rating	120/277VAC 60HZ	120/277VAC 60HZ
Wiring Method	GROUND LINE REQUIRED	GROUND LINE REQUIRED
Description	Combination Humidity Sensor Fan Switch & Light Switch	Humidity Sensor and Fan Control Switch
LoadCapacity	200W LED/CFL, 1/4HP Fan	1/4HP Fan
Option	Single Pole	Single Pole
Automatic ON	✓	✓
Automatic OFF	✓	✓

