



Humidity Switch User Guide

Model No. AK-SW-FLHT AK-SW-FLHTS

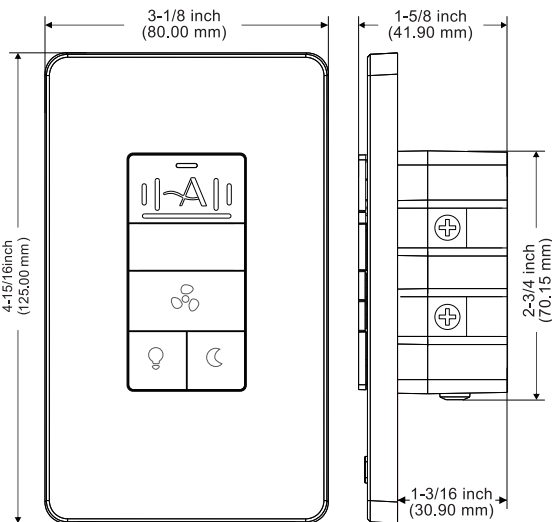
Questions, problems, or missing parts?
Contact AKICON Customer Service before returning the product.
Service Hours: Monday–Friday, 8:00 a.m.–6:00 p.m. EST

+1-888-828-2025(Toll-Free) | service@akiconhvac.com | akiconhvac.com

Specifications

Type	Humidity Switch
Model	AK-SW-FLHT AK-SW-FLHTS
Rated Voltage	100-240VAC 50/60Hz
Fan	2(2)A
LED	Max 50W each way
Product Size	4-15/16x3-1/8x1-5/8Inch
Humidity Range	50%-90%
Time Range	5-60 Minutes

NOTE: The size diagram shows the decorative wall plate for reference only. Included items vary by listing. Please check your purchase page for the exact contents.

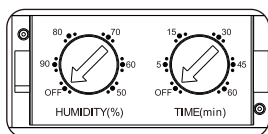


Operation

1. Open the cover plate to set the humidity and time values.
2. When humidity and/or time is set, please refer to the mode description in the table on the back of the page.
3. If humidity and time values are not set, you need to manually turn ON/OFF the fan.

LED Indicator

Fan - Blue;
Fan & Light - Green;
Light / Night Light - Red;

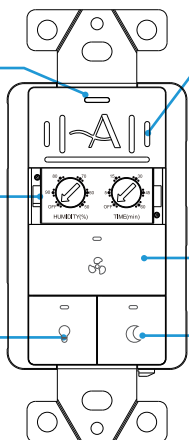


Humidity & Time Setting

Removable cover plate

LED Light Switch

ON-OFF-ON circling to switch the fan's color temperature within 2 seconds.



Humidity Sensor

Automatically detect the humidity level in the room

Fan Switch

Simply press the button to turn on or off manually

Night Light Switch

Bring you and your family safety and convenience at night.

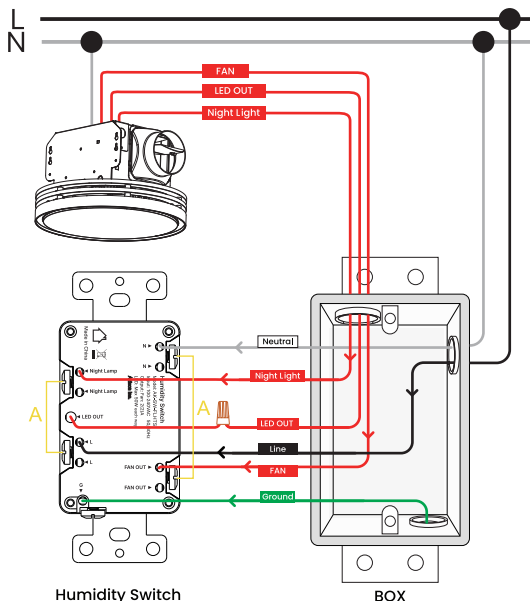
Wiring Diagram

- Use a screwdriver to loosen the screws (A) of all wiring holes on the switch.
- Use a wire nut to connect switch's LED wires to your home LED wires.
- Insert the remaining home wires (neutral wire, live wire, ground wire, night light wire and fan wire) into the corresponding marked wiring holes on the switch, then tighten the screws to secure the wires.
- Confirm whether the wires are connected tightly after tightening the screws.



WARNING

- Turn off power at circuit breaker before installation.
- A neutral wire is needed to power the switch.
- Use COPPER WIRE ONLY.
- If you are not sure about any part of these instructions, consult an electrician.
- Once installed, do not touch the side screws while powered.



Operating Mode Descriptions

Modes	Humidity		Time		When/Where to USE	Situation 1	Situation 2	Situation 3
	OFF	ON (50%-90%)	OFF	ON (5-60Min.)				
Auto Mode - A (Humidity sensing takes the dominant role)		✓		✓	For bathrooms, shower rooms, laundry rooms, and areas where significant changes in humidity can occur.	When the environmental humidity exceeds the set value, the exhaust fan will turn ON; when the humidity falls below the set value, the fan will turn OFF after 5 minutes.	When the fan is manually turned OFF during operation, the humidity sensor pauses for 10 minutes. If the humidity is higher than the set value after 10 minutes, the fan will turn ON. If it's below the set value, the fan will turn OFF after 5 minutes.	If the fan is manually turned ON again within a stationary period of 10 minutes, the fan will operate based on the set time value. If the humidity is below the set humidity value after the set time value, the fan will be turned off.
Auto Mode - B (Humidity sensing takes the dominant role)		✓	✓		For bathrooms, shower rooms, laundry rooms, and areas where significant changes in humidity can occur.	When the environmental humidity exceeds the set value, the exhaust fan will turn ON; when the humidity falls below the set value, the fan will turn OFF after 5 minutes.	When the fan is manually turned OFF during operation, the humidity sensor pauses for 10 minutes. If the humidity is higher than the set value after 10 minutes, the fan will turn ON. If it's below the set value, the fan will turn OFF after 5 minutes.	If the fan is manually turned ON again within a stationary period of 10 minutes, the fan will turn ON. It will stay on until you manually turn the fan OFF.
Manual Mode - A	✓			✓	Basements, bathrooms, and rooms requiring regular ventilation.	The fan needs to be manually turned ON, and the fan will stay ON according to the set time value.		
Manual Mode - B	✓		✓		Any time you want to turn the fan ON/OFF.	The fan needs to be manually turned ON/OFF.		

LIMITED 3 YEAR WARRANTY

This device is warranted to be free of material and workmanship defects for 3 years from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Akicon, Inc. Warranties from other Akicon products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation.