



# AKICON AK-SW-FLHT Humidity Switch User Guide

[Home](#) » [AKICON](#) » AKICON AK-SW-FLHT Humidity Switch User Guide 



Contents

1 Specifications

2 Operation

3 Wiring Diagram

4 Operating Mode Descriptions

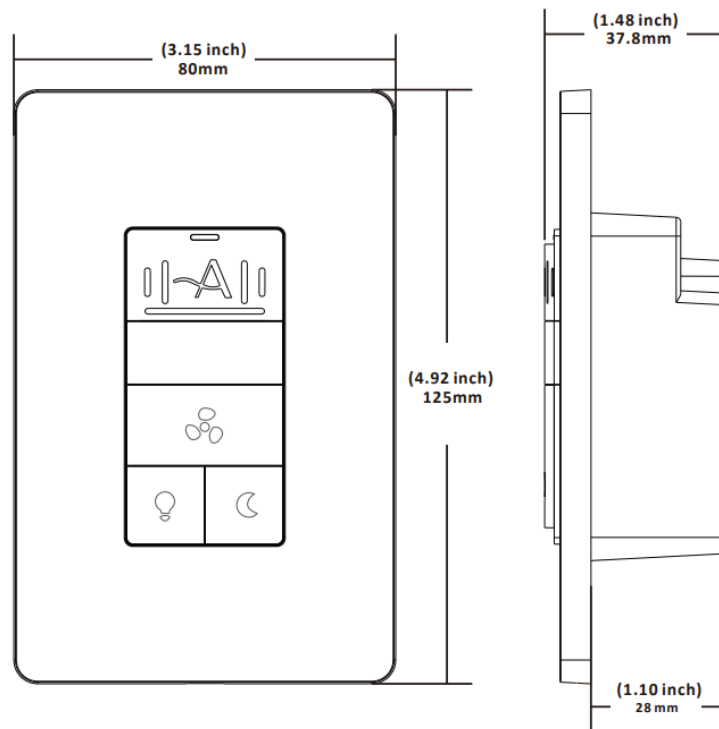
5 LIMITED 3 YEAR WARRANTY

6 Documents / Resources

6.1 References

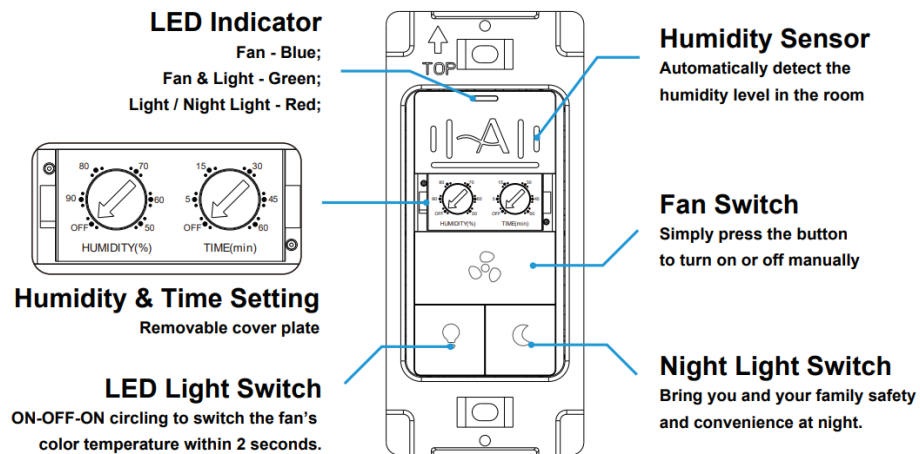
## Specifications

Type	Humidity Switch
Model	AK-SW-FLHT
Rated Voltage	100-240VAC 50/60Hz
Fan	2(2)A
LED	Max 50W each way
Product Size	4.92*3.15*1.48 Inch
Time Range	50%-90%
Humidity Range	5-60 Minutes



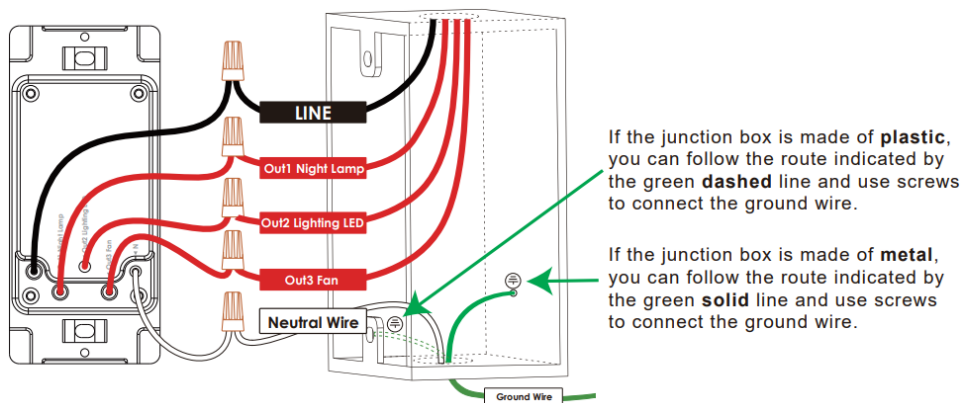
## Operation

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.



## Wiring Diagram

Use wire-nuts to connect switch wires to your home wires according to remark of switch wires. Confirm whether the wire are connected tightly



## ⚠ 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.

## 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.

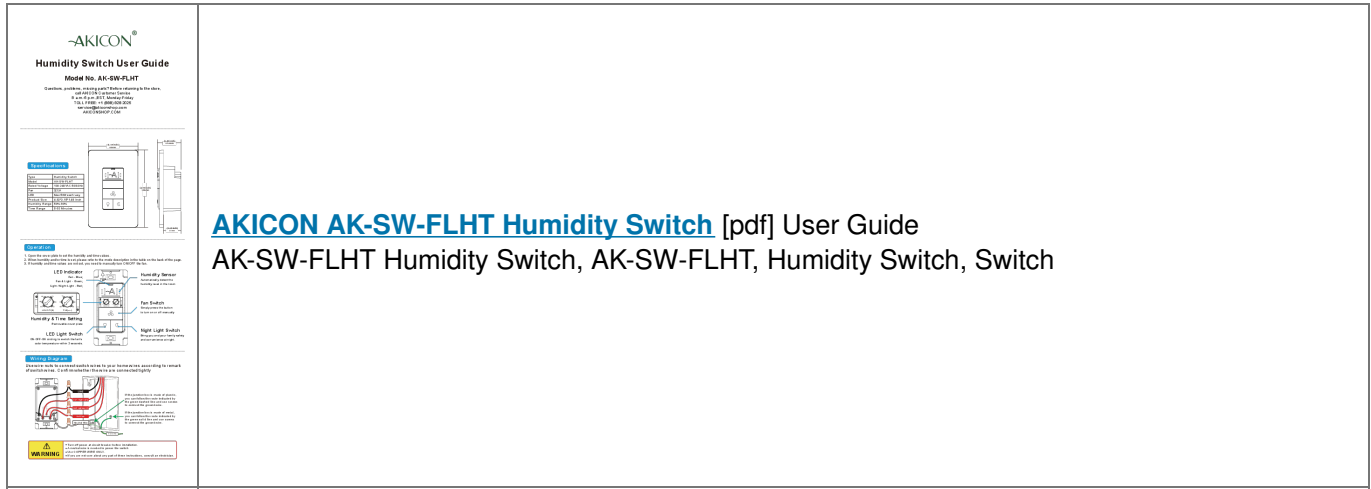
Auto Mode – B (Humidity sensing takes the dominant role)		√	√		For bathrooms, shower rooms, laundry rooms, and areas where significant changes in humidity can occur.	When the environmental humidity exceeds the set value, the exhaust fan will turn ON; when the humidity falls below the set value, the fan 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.





## References

- [Akicon Copper Kitchen & Bath](#)
- [User Manual](#)

### Manuals+ Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.