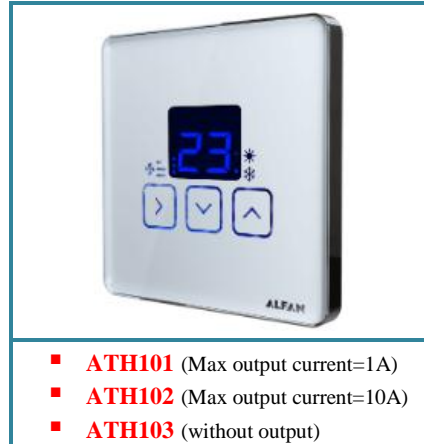


Smart Thermostat



Description

"Alfan Smart Thermostat" is a device that controls the heating and cooling system of buildings. The users can control the fan speed and adjust the temperature and choose operating mode manually by touching "Alfan Smart Thermostat" or through the Avalon smart home app. "Alfan Smart Thermostat" is compatible with the most HVAC systems including heating, cooling, multistage, and heat pump systems. It is suitable for control HVAC systems in villa, apartment, office, and other residential as well as commercial spaces. This device is based on ZigBee 3.0 profile as the other "Alfan" smart home devices. Using without output smart thermostat, the temperature and fan speed can be adjusted based on the temperature of different places.

Features

- Ability to install without the need for destruction and additional wiring.
- Equipped with indicator LEDs to specify the switch place in the darkness.
- Compatible with different types of heating and cooling system such as fan coils, heaters, ...
- Ease of cleaning due to Smooth and uniform surface.
- The capacitive touch technology.
- Stability of touch sensitivity in the high range of temperature and humidity.
- Ability to control by Android and iOS systems.

Technical specification

Product Name	Smart Thermostat		
Model	ATH101	ATH102	ATH103
Nominal Power (W)	720	7200	0.2
Nominal Voltage Range (V)	80VAC - 240VAC		
Frequency Range	50Hz - 60Hz		
Supply Voltage	3.3V/DC		
Radio specifications			
Radio frequency	2.4GHz		
Protocol	Zigbee		
Wireless communication standard	IEEE 802.15.4		
Transmission Range	Up to 60m(Free Field)		
Max. Transmit power Measured	2.2mW		
Mechanical specifications			
Dimension (L×W×H) [mm]	81×81×44		
Operating Temperature	-10°C - 60°C		
Operating Humidity	10% - 80%		
Cover Material	Glass		
Color	White(customizable)		
Ingress Protection	IP20		
Operating Environment	Indoor		
Weight (gr)	180		

Dimension Drawing

