

PLUG-IN THERMOSTAT

Submittal Information

Part No. 22110
 Document No. SPEC22110
 Date 2023-06-07
 Revision 01

General Properties

Dimensions: H 2.25", W 5.5", D 3.25"
 Weight: 1.25lb
 Input Voltage: 110V
 Maximum load: 5 Amp, replaceable 5 Amp fuse
 Adjustable temperature range: 40°F (4°C) to 110°F (43°C)
 Standard: ANSI/UL standard 873, CSA 22.2
 Applications: It is specifically designed to be mounted downstream from an Inductor fan in the duct.

Features

- Plug-In Thermostat responds accurately to temperature variations, providing precise control over the duct system's temperature.
- Conveniently plugs into standard electrical outlets, ensuring easy installation and compatibility with various systems.
- Can be easily adjusted to set the desired temperature range, offering flexibility and customization.
- Built with high-quality components, ensuring long-lasting and dependable operation.
- Mounts on ductwork or wall mount for ambient roomtemperature control.
- Min/Max switch for applications with small temperature differential.

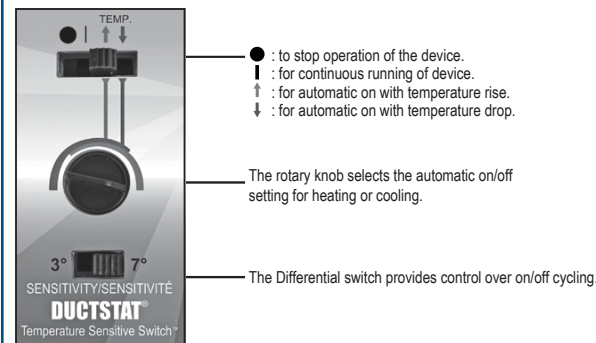
Instructions

1. Determine the desired mounting position between the Duct Fan and the register, preferably 1 to 10 feet downstream from the Duct Fan.
2. Attach the supplied template to the air duct using tape. This template will help mark the mounting hole locations.
3. Use a drill to create a 1/2" diameter hole in the air duct at the designated Air Intake Hole location on the template.
4. Drill additional holes in the air duct to align with the corresponding holes on the Plug-In Thermostat template. For round ducts, two screws placed through the slots in the base of the Plug-In Thermostat will be sufficient. For square or rectangular ducts, use four screws, one at each corner of the Plug-In Thermostat.
5. Firmly tighten the provided screws in the appropriate placement for your ductwork. Be careful not to over-tighten.
6. Plug the device into the outlet on the face of the Plug-In Thermostat.
7. Connect the power cord of the Plug-In Thermostat to a 120 VAC grounded household outlet.
8. Follow the Operation Settings instructions to adjust the Plug-In Thermostat according to your desired temperature settings.



Item No.	Specifications	U/M	Std. Pkg.
22110	PLUG-IN THERMOSTAT	EA	1

Function switch selections



PLUG-IN THERMOSTAT

Notice

- Dakota Sourcing assumes no responsibility for installation.
- Disconnect power to the duct system before installation.
- In order to prevent excessive stress on the mounting screws, support the Plug-In Thermostat when unplugging connected devices.
- Can control the line voltage to any electrical device with a maximum current draw of 5 Amperes.
- Be equipped with an external, replaceable 5 AMP fuse to protect the electronic circuitry from overload or short circuits.
- Do NOT USE the Plug-In Thermostat outdoors or in damp locations. The Plug-In Thermostat must remain accessible.
- DANGER! High voltage inside unit. DO NOT OPEN.
- If you have doubts or are unfamiliar with this type of installation work, seek the services of a qualified electrician.

Operation Settings

Heating	Cooling
When the switch is on "↑", the Plug-In Thermostat will turn ON as the temperature rises.	When switch is on "↓" Plug-In Thermostat will turn ON as the temperature drops.
For use with forced air systems, ensure that the blower is not running.	
Plug in the Plug-In Thermostat and set the switch to "•".	
Set the Differential to 3°.	
Plug in the device you want to control.	
Turn the knob clockwise until the knob reaches the stop. DO NOT FORCE.	
Move the switch to " ".	
Move the switch to "↑".	Move the switch to "↓".
At this point, the device plugged into the Plug-In Thermostat will turn off.	
Slowly turn the knob counterclockwise, just until the device plugged into the Plug-In Thermostat turns on. ↺	Slowly turn the knob counterclockwise, just until the device plugged into the Plug-In Thermostat turns off. ↻
Slowly turn the knob clockwise, just until the device plugged into the Plug-In Thermostat turns off. ↻	Slowly turn the knob clockwise, just until the device plugged into the Plug-In Thermostat turns on. ↺
The Plug-In Thermostat is now set to turn on when the temperature rises.	The Plug-In Thermostat is now set to turn on when the temperature drops.
If you would like the Plug-In Thermostat to have a wider range, simply switch the Differential to 7°. This will turn the device on and off with a larger on/off differential.	

Temperature Sensitive Switch

