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› Ventamatic XXFIRESTAT 10-Amp Adjustable Programmable Thermostat with Firestat for Power Attic Ventilators User Manual

Ventamatic XXFIRESTAT

Ventamatic XXFIRESTAT Thermostat User Manual

Model: XXFIRESTAT | Brand: Ventamatic

PRODUCT OVERVIEW

The Ventamatic XXFIRESTAT is a 10-Amp adjustable programmable thermostat designed for use with power attic ventilators. It features a built-in Firestat safety mechanism that automatically shuts off the fan at 183°F (83.9°C) to prevent overheating. This thermostat promotes energy-efficient operation by controlling attic ventilators to equalize indoor and outdoor temperatures, helping to maintain a comfortable environment and reduce energy consumption. It is suitable for controlling up to three units, not exceeding a total of 10 amps.

- **Firestat Safety Feature:** Automatically shuts off the fan at 183°F (83.9°C) for enhanced safety.
- **Adjustable Temperature Range:** Allows setting the fan's operation between 50°F (10°C) and 120°F (49°C).
- **Energy-Efficient Operation:** Optimizes power attic ventilator use to balance attic temperatures.
- **Bi-Metallic Switch:** Features an adjustable bi-metallic switch for reliable temperature sensing.
- **Capacity:** Controls up to three units, with a maximum combined load of 10 amps.

SAFETY INFORMATION

Always prioritize safety during installation and operation. This device is automatically started. To reduce the risk of injury, disconnect from the power supply before servicing. Do not use this fan with any solid-state speed control device. This thermostat is intended for residential use only.

For detailed safety guidelines, please refer to the official Safety Information PDF: [Ventamatic XXFIRESTAT Safety Information \(PDF\)](#).

INSTALLATION AND SETUP

The Ventamatic XXFIRESTAT thermostat is designed for straightforward installation. It should be mounted in a location where it can accurately sense the attic temperature, away from direct sunlight or drafts that could affect its readings.

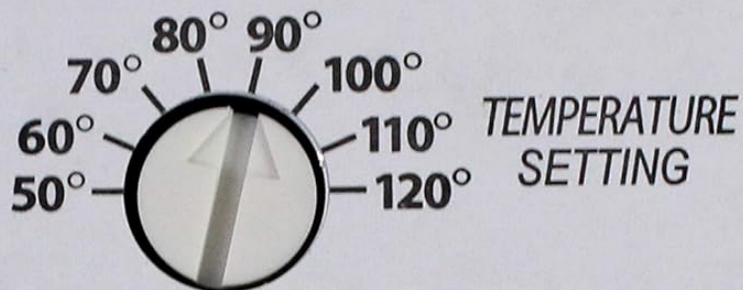
Mounting

The thermostat unit measures approximately 4.8"D x 2.5"W x 4.8"H and weighs about 0.35 pounds. It is designed for easy mounting, typically on a wall or beam within the attic space. Ensure the mounting surface is stable and secure.

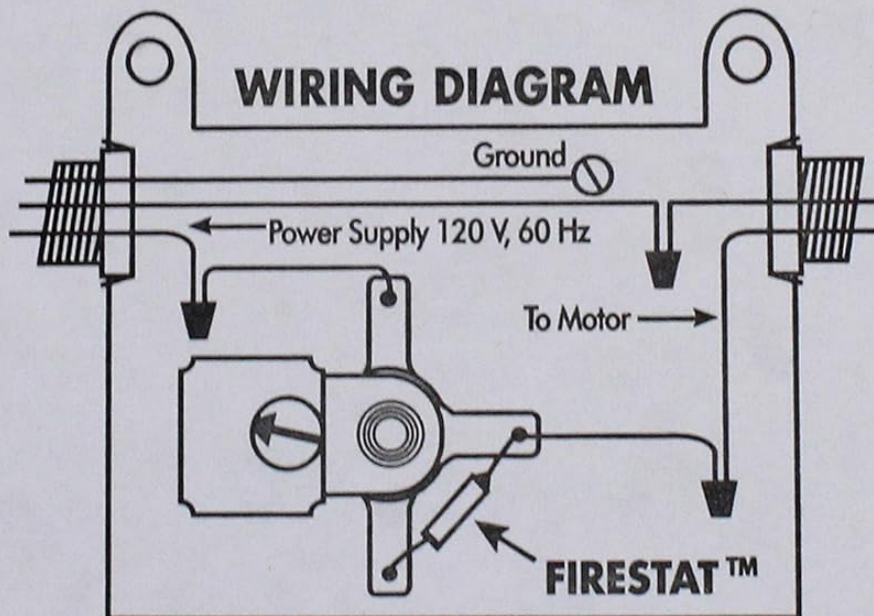
Adjustable Temperature THERMOSTAT with FIRESTAT™

Model: XXFIRESTAT

Ventamatic® Ltd.
AN AIR OF EXCELLENCE



REMOVE COVER TO WIRE THERMOSTAT



CAUTION: Automatically started device. To reduce the risk of injury disconnect from power supply before servicing. Do not use fan with any solid state speed control device. For residential use only.

Front view of the Ventamatic XXFIRESTAT thermostat, displaying the adjustable temperature dial and a clear wiring diagram for installation.



Back view of the Ventamatic XXFIRESTAT thermostat, illustrating the mounting holes for secure attachment to a surface.

Wiring Instructions

Before wiring, ensure all power to the attic ventilator circuit is disconnected at the main breaker. The thermostat controls power attic ventilators by interrupting the 120V power supply. The wiring diagram is clearly printed on the front of the unit. You will need to remove the cover to access the wiring terminals.

- Connect the 120V, 60 Hz power supply to the designated "Power Supply" terminals.
- Connect the wires leading to the attic fan motor to the "To Motor" terminals.
- Ensure proper grounding as indicated in the diagram.
- The Firestat is an internal safety feature and does not require separate wiring.

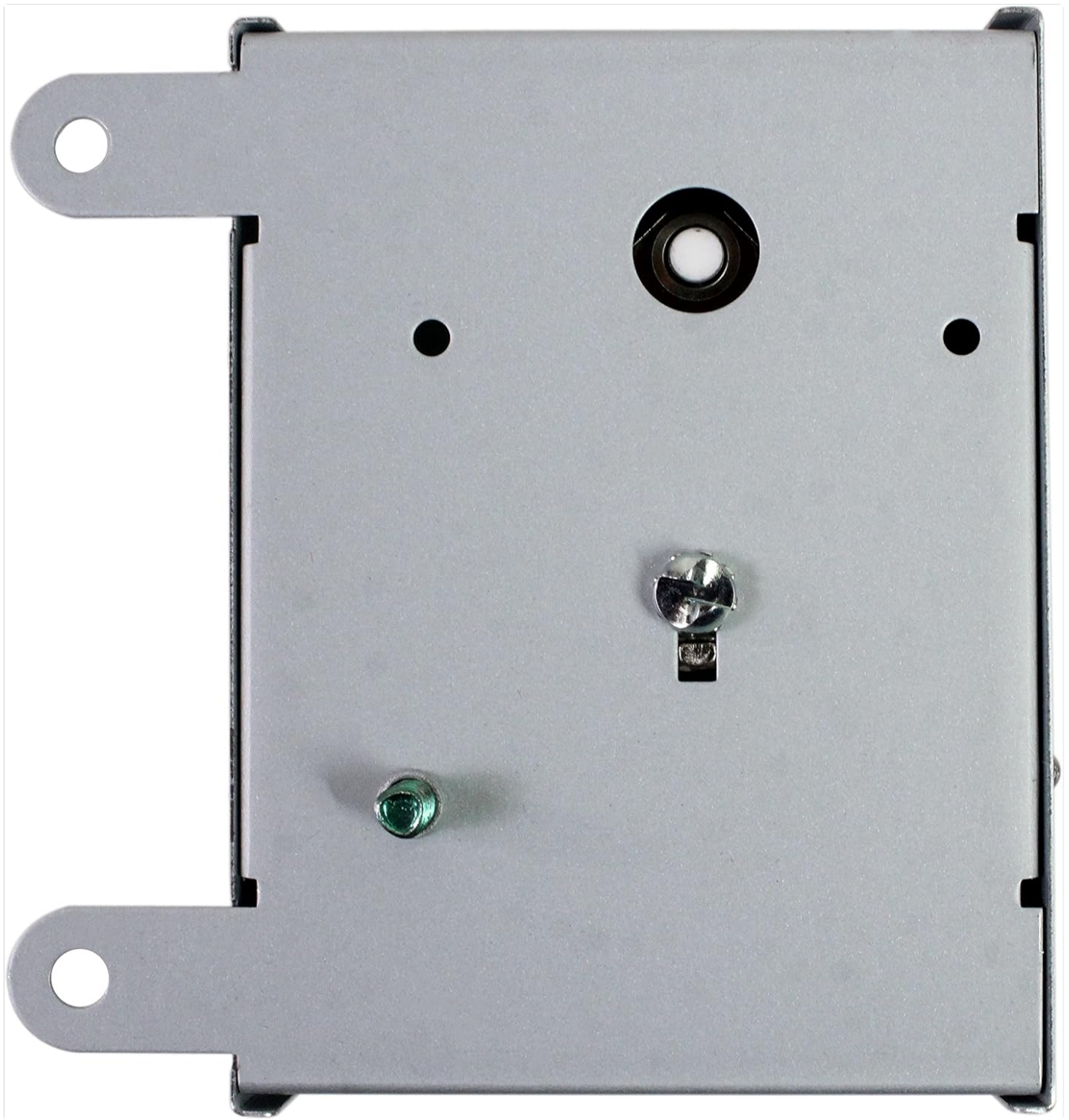
It is recommended to consult a qualified electrician if you are unsure about any wiring procedures.

OPERATING INSTRUCTIONS

The Ventamatic XXFIRESTAT thermostat is designed for simple, automatic operation once installed and configured.

Setting the Temperature

The thermostat features an adjustable dial on its front face, allowing you to set the desired temperature range for fan operation. The temperature range is from 50°F (10°C) to 120°F (49°C). Use a small screwdriver to carefully rotate the dial to your preferred temperature setting. The fan will turn on when the attic temperature rises above this set point and turn off when the temperature drops below it.



Close-up view of the adjustable temperature dial on the Ventamatic XXFIRESTAT thermostat, showing settings from 50°F to 120°F.

Firestat Functionality

In addition to temperature control, the thermostat includes a Firestat safety feature. This mechanism is designed to automatically shut off the attic fan if the temperature in the attic reaches 183°F (83.9°C). This is a critical safety measure to prevent the fan from exacerbating a fire condition by drawing in oxygen. The Firestat operates independently of the adjustable temperature setting and is a non-resettable safety cutoff.

MAINTENANCE

The Ventamatic XXFIRESTAT thermostat requires minimal maintenance. Periodically inspect the unit for any visible damage, loose connections, or accumulation of dust and debris. Ensure the area around the thermostat is clear to allow for accurate temperature sensing. Before any inspection or cleaning, always disconnect power to the unit at the circuit breaker.

- **Cleaning:** Gently wipe the exterior of the thermostat with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Connection Check:** Annually, or if issues arise, verify that all electrical connections are secure and free from corrosion.

TROUBLESHOOTING

If your Ventamatic XXFIRESTAT thermostat or connected attic fan is not operating as expected, consider the following common issues:

Problem	Possible Cause	Solution
Fan not turning on/off at set temperature.	Incorrect temperature setting; thermostat not sensing ambient temperature correctly; power issue.	Verify the temperature setting on the dial. Ensure the thermostat is not obstructed or in a location with inaccurate temperature readings (e.g., direct sunlight, drafts). Check the circuit breaker for the fan.
Fan runs continuously.	Temperature setting too low; thermostat malfunction.	Increase the temperature setting. If the issue persists, the thermostat may need replacement.
Fan does not operate at all.	No power; wiring issue; Firestat activated; fan motor failure.	Check the circuit breaker. Inspect wiring connections (with power off). If the attic temperature exceeded 183°F, the Firestat may have activated (non-resettable). Test the fan motor directly if possible.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified electrician or Ventamatic customer support.

SPECIFICATIONS

Feature	Detail
Brand	Ventamatic
Model Name	Adjustable Thermostat for Attic Ventilators
Product Dimensions	4.8"D x 2.5"W x 4.8"H
Controller Type	Thermostat
Color	White
Specific Uses For Product	Air Conditioner (Attic Ventilators)
Temperature Control Type	Heating (controls fan based on heat)
Included Components	1 FIRESTAT Thermostat
Power Source	Corded Electric
Item Weight	0.35 Pounds (5.6 ounces)
Voltage	120 Volts

Feature	Detail
Material	Aluminum
Wattage	1200 watts
UPC	047242415001, 784497601147
Manufacturer	Ventamatic
Part Number	XXFIRESTAT
Temperature Range	50°F to 120°F (10°C to 49°C)
Firestat Cutoff	183°F (83.9°C)
Max Amperage	10 Amps

WARRANTY AND SUPPORT

The Ventamatic XXFIRESTAT thermostat comes with a **2-year limited warranty**. This warranty covers product replacement only.

For warranty claims, technical assistance, or further inquiries, please contact Ventamatic customer support. Refer to the contact information provided with your product packaging or visit the official Ventamatic website for the most current support details.

OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for this product at this time. The videos provided are from customers or influencers and are not included in this manual.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question