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Honeywell TH115-AF-120S

AUBE TH115-AF-120S User Manual

7-Day Programmable Line Volt Thermostat for Electric (ambient) Heating and Floor Heating

Model: TH115-AF-120S | Brand: Honeywell

INTRODUCTION

The AUBE TH115-AF-120S is a sophisticated 7-day programmable line volt thermostat designed for precise control of electric ambient heating and floor heating systems. It offers flexible programming options to optimize comfort and energy efficiency in your home. This manual provides essential information for the proper installation, operation, and maintenance of your thermostat.



Image: The AUBE TH115-AF-120S thermostat unit shown alongside its included 15-foot floor sensor cable.

SAFETY INFORMATION

Always observe the following safety precautions to prevent personal injury or property damage:

- Installation must be performed by a qualified electrician in accordance with local and national electrical codes.
- Turn off power at the circuit breaker or fuse box before installing or servicing the thermostat.
- This thermostat is designed for 120V electric heating systems only. Do not connect to 240V systems.
- Do not immerse the thermostat or sensor in water or other liquids.

SETUP AND INSTALLATION

Proper installation is crucial for the thermostat's performance and safety. It is highly recommended that installation be carried out by a certified electrician.

Wiring

Refer to the detailed wiring diagram provided in the packaging for specific connections. Ensure all connections are secure and comply with local electrical codes. This thermostat is designed for 120V line voltage applications.

Floor Sensor Installation

The included 15-foot floor sensor must be properly installed within the floor heating system to accurately measure floor temperature. Ensure the sensor cable is not damaged during installation and is placed in a location that provides an accurate representation of the floor temperature.

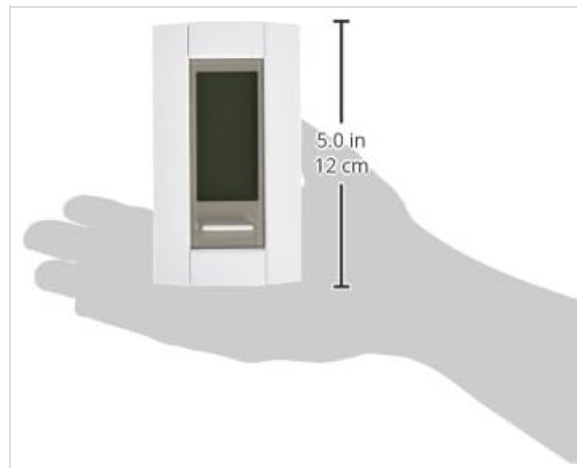


Image: The AUBE TH115-AF-120S thermostat held in a hand, illustrating its compact size and dimensions (approximately 5.0 inches or 12 cm in height).

OPERATING INSTRUCTIONS

The TH115-AF-120S thermostat features a digital display and button controls for easy operation and programming.

Temperature Control Modes

The thermostat offers three distinct temperature control modes:

- **Ambient:** Controls the room's air temperature.
- **Floor:** Controls the floor temperature using the floor sensor.
- **Ambient with Floor Temperature Limits:** Controls the room's air temperature while ensuring the floor temperature does not exceed a set maximum or fall below a set minimum.

Programming Schedule

The thermostat supports a 7-day programmable schedule with up to 4 time periods per day and 2 temperature settings (comfort

and economy). Consult the full instruction manual for detailed steps on setting up your personalized heating schedule.

Display and Backlight

The digital display provides clear temperature readings and programming information. A backlight feature enhances visibility in low-light conditions.

MAINTENANCE

The AUBE TH115-AF-120S thermostat requires minimal maintenance.

- Clean the thermostat's exterior regularly with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the air vents on the thermostat are not obstructed to allow for proper air circulation if using ambient temperature control.

TROUBLESHOOTING

If you encounter issues with your thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Thermostat not powering on or unresponsive	No power, incorrect wiring, internal fault.	Check circuit breaker. Verify wiring connections (consult electrician). Perform a factory reset if possible (refer to full manual).
Incorrect temperature display or overheating	Faulty sensor, incorrect mode selection, internal malfunction.	Ensure floor sensor is properly connected and undamaged. Verify correct temperature control mode is selected. Try a factory reset.
Circuit breaker trips frequently	Overload, short circuit in heating element or wiring, faulty thermostat.	Consult a qualified electrician to inspect the heating system and wiring for faults.
Difficulty with programming or interface	Unfamiliarity with controls, incorrect settings.	Refer to the detailed programming instructions in the full manual. Practice setting schedules.
Temperature displayed in Celsius instead of Fahrenheit	Incorrect unit setting.	Locate the microswitch for C/F conversion (refer to full manual for exact location and procedure).

SPECIFICATIONS

Brand	Honeywell (AUBE)
Model Number	TH115-AF-120S
Power Source	Electric
Voltage	120V (Line Volt)
Wattage	2000 watts
Dimensions (Product)	4 x 6.4 x 9.1 inches
Item Weight	1.01 pounds

Display Type	Digital
Control Type	Push Button, Button Control
Special Feature	Programmable (7-day, 4 periods/day, 2 temp. settings)
Included Components	Thermostat, 15 ft floor sensor
Specific Uses	Floor Heating, Ambient Heating
Color	White
Mounting Type	Wall Mount
Backlight	Yes

WARRANTY AND SUPPORT

This Honeywell (AUBE) thermostat is backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Honeywell/AUBE support website.

If you require technical assistance, troubleshooting beyond this manual, or warranty service, please contact Honeywell customer support. Have your model number (TH115-AF-120S) and purchase information ready when contacting support.