



WHITE-RODGERS

3L09

Limit Controls

INSTALLATION INSTRUCTIONS

Operator: Save these instructions for future use!

FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR OPERATING THIS CONTROL COULD CAUSE PERSONAL INJURY AND/OR PROPERTY DAMAGE.

DESCRIPTION

This series of limit controls has a normally closed SPST switch that opens on temperature rise to limit the maximum allowable temperature in forced air heating systems.

A small bimetal sensing element is located in the air stream for quick response. These controls have a fixed temperature setting and fixed differential.

PRECAUTIONS

THIS CONTROL MUST BE INSTALLED BY A QUALIFIED INSTALLER.

All wiring must conform to local and national electrical codes and ordinances.

This control is a precision instrument, and should be handled carefully. Rough handling or distorting components could cause the control to malfunction.

This control has been accurately calibrated at the factory. Any attempt to re-calibrate this control will void the White-Rodgers warranty.

⚠ WARNING

Do not use on circuits exceeding specified voltages. Higher voltages will damage control and could cause shock or fire hazard.

If in doubt about whether your wiring is millivolt, low or line voltage, have it inspected by a qualified heating and air conditioning contractor or a licensed electrician.

⚠ CAUTION

To prevent electrical shock and/or equipment damage, disconnect electric power to system at main fuse or circuit breaker box until installation is complete.

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

Following installation or replacement, follow appliance manufacturers' recommended installation/service instructions to insure proper operation.

SPECIFICATIONS

ELECTRICAL RATING:

Resistive: 15 amps @ 120 VAC
13 amps @ 240 VAC
9.3 amps @ 277 VAC

Inductive: 5.8 FLA, 34.8 LRA @ 120 VAC
2.9 FLA, 13.0 LRA @ 240 VAC

Pilot Duty: 278 VA

Temperature Setting:

Fixed setting stamped on control

INSTALLATION

This control must be mounted in the air stream of the appliance. Follow the original equipment manufacturers' recommendations for proper location and wiring.

Wiring

All wiring must conform to local and national electrical codes and ordinances.



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