

Coal-trol Digital™ TS2BL Limited Warranty

THREE-YEAR WARRANTY - Automation Correct LLC (us) warrants the TS2BL Thermostat and Control Module to be free from defects in material and workmanship. If a defect is found within three years from the date of original installation of the product (whether or not actual use begins on that date) Automation Correct LLC will provide a new or remanufactured part, at our sole option, to replace any defective part, without charge for the part itself.

This warranty does not include labor or other costs incurred for diagnosing, repairing, removing, installing, shipping, servicing or handling of either defective parts or replacement parts.

Warranty Conditions:

1. Warranties only apply to products in their original installation location.
2. Installation, use, care, and maintenance must be normal and in accordance with the instructions contained in the Operation Manual, Installation Manual and Automation Correct LLC's Service Information.
3. Defective parts must be returned to us or an authorized dealer for credit.
4. All work is performed during normal business hours.
5. This warranty applies only to residential use.

LIMITATIONS OF WARRANTIES - All implied warranties (including implied warranties of merchantability and fitness for a particular purpose) are hereby limited in duration to the period for which the LIMITED WARRANTY is given and applies. Some states do not allow limitations on how long an implied warranty lasts, so the above may not apply to you. The expressed warranties made in this warranty are exclusive and may not be altered, enlarged, or changed by any distributor, dealer, or other person whatsoever.

Automation Correct LLC will not be responsible for:

1. Damage or repairs as a consequence of faulty installation, misapplication, abuse, improper servicing, unauthorized alteration or improper operation.
2. Failure to operate due to voltage conditions, blown fuses, open circuit breakers or other conditions beyond the control of Automation Correct LLC.
3. Parts not supplied or designated by us, or damages resulting from their use.
4. Automation Correct LLC products installed outside the 50 US states or Canada.
5. Cost of heating fuel of any kind whatsoever including electricity.
6. Any special indirect or consequential property or commercial damage of any nature whatsoever. Some states do not allow the exclusion of incidental or consequential damages, so the above limitation may not apply to you.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

MADE IN USA

www.automationcorrect.com



Syracuse • NY

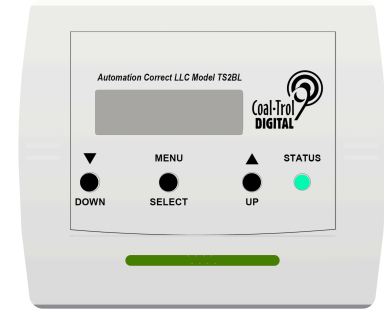
Introduction

The TS2BL thermostat is an important part of a Coal-trol Digital control system. This thermostat is compatible with all "CM" type control modules and is a direct replacement for TS2 type thermostats. The vast majority of forced air automatic coal stoker stoves will work with the TS2BL and the Coal-trol Digital system.

As shipped, no setup is needed for users of Leisure Line and Hitzer brand stoker stoves.

If you are using a Coal-trol Digital system on a Keystoker, Alaska, Reading, Harman, or other brand of automatic stoker stove you will need to adjust your IDLE, MAX, and possibly other settings. The recommended settings are detailed in the Recommended Settings by Stove Brand section in the full user manual available at www.automationcorrect.com.

The TS2BL is initially configured for Single Setpoint Mode [SSP]. Information to configure it for two setback mode i.e. TS2, or multi-setback mode i.e. TS2ES is explained in the full TS2BL manual.



ATTENTION - Please follow all manufacturer instructions that came with your stove or furnace. The Coal-trol Digital is designed to complement and enhance the safe operation of your appliance. Specifically, the Coal-trol Digital control system has been designed for use with appliances tested to ANSI Standard Designation: E1509-95, Standard Specification for Room Heaters, Pellet Fuel-Burning Type and/or UL1482, Room Heaters, Solid Fuel Type.

Operating the Thermostat –

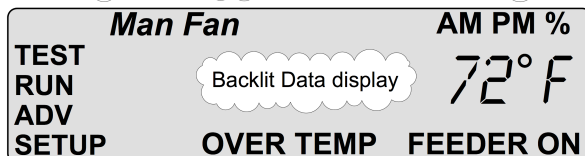
TS2BL DISPLAY

Operation Modes

TEST - Test the motors
RUN - Normal operation
ADV - Advanced settings
SETUP - Basic settings

Manual Fan when On
Auto Fan when Off

Units



On when temperature
is greater than 95°F

Fuel Feeder On
when displayed

- If display is unlit, first button press turns it on.
- Round-robin is normal cycle between room temperature and fuel feed rate [FR].
- On powerup, display may flash "Power Loss". Tap Menu button enable outputs.
- TS2BL is shipped in Single Setpoint Mode.
- Full capabilities of TS2BL are detailed online.

Full TS2BL Manual–



www.automationcorrect.com

BUTTONS

Menu/Select Button
Tap press - select/advance
Press 3 sec - return to
round-robin



Status blinks when..
Manual Fan
Over Temperature
Power Up
TEST mode

Tap press - Decrease setting
Long press - Fast decrease
setting

Tap press - Increase setting
Long press - Fast increase
setting

- Tap UP or DOWN button to adjust temperature setting.
- Jump back to Round-robin – press and hold Menu button for 3 seconds.
- Feed fuel for 5 minutes – press and hold Menu for 5 seconds.
- Change warm air fan speed – Tap Menu. Use Up/Down adjust speed.

For Service or Repair –

Contact your dealer or our company

Phone: (315) 299-3589
(Please leave a message. We get
too many junk calls)

Email:
coaltrol@automationcorrect.com
Web: www.automationcorrect.com