Electronic Thermostat Thermometer with Speed Control
2- temperature probes (2013)

To reset the control to factory defaults.
Turn the control off. Hold the program and set button while turning the control back on.   Keep holding until the temperature is displayed.   The control will now display the temperature in Celsius. Follow programming instructions below.

Enter the password for programming the head.
Hold the program (PRG) and select (SET) buttons at the same time for 5 seconds. Use the ↑ and ↓ arrows to navigate to the #77. Then press SET to accept. You are now in programming mode.

C-O=1 (To set mode of operation – to direct)
Use the ↑ and ↓ arrows to navigate to C-O. Press SET to accept. Use the ↑ and ↓ arrows to navigate to the #1. Press SET to accept.
This will brig you back to C-O.

C-13=0 (To change type of probe)
Use the ↑ and ↓ arrows to navigate to C-13. Press SET to accept. Use the ↑ and ↓ arrows to navigate to the #0 (NTC Probe). Press SET to accept.
This will bring you back to C-13.

C-18=1 (To change the head from centigrade to Fahrenheit)
Use the ↑ and ↓ arrows to navigate to the C-18.   Press SET to accept.
Use the ↑ and ↓ arrows to navigate to the #1 for Fahrenheit.   Press SET to accept. This will bring you back to C-18.

C-19=7 (To change function of second probe)
Use the ↑ and ↓ arrows to navigate to the C-19. Press SET to accept. Use the ↑ and ↓ arrows to navigate to the #7 for independent operation. Press SET to accept. This will bring you back to C-19.

C-33 = 1 (Special Operation to allow control to one probe only)
Use the ↑ and ↓ arrows to navigate to the C-33.   Press SET to accept.
Use the ↑ and ↓ arrows to navigate to the #1 to enable special operation.
Press SET to accept. This will bring you back to C-33.

C-34 = 2 (to control output to st2, p2)
Use the ↑ and ↓ arrows to navigate to the C-34.   Press SET to accept. Use
the ↑ and ↓ arrows to navigate to the #2 to enable head to use st2 and p2.
Press SET to accept. This will bring you back to C-34.

To exit programming mode and save changes. Press the PRG button
and hold for 5 seconds. This will take you out of programming mode and
save all changes. The temperature will again be displayed.

ST2=20 (To set the set point temperature.)
Press SET button until ST1 is displayed, release and press again until ST2
is displayed. The display shows ST2 and then the current value of ST2.
Use the ↑ and ↓ arrows to navigate to the desired temperature. (20
degrees for a refer and around 0 for a freezer is a good starting place.)
Press SET to save and exit. The readout will return to operating display
mode (box temperature).

P-2=6 (To set the degrees of differential)
Press and hold the program button until P1 is displayed. Use the ↑ and ↓
arrows to navigate to the P-2. Press SET to accept. Use the ↑ and ↓
arrows to navigate to the #6.   Press SET to accept. This will bring you
back to P-2. Press and hold the program button to save and exit.

Note: While making changes a red wrench will light up on the display. This
means you are in programming mode.