

## **Electronic Thermostat Thermometer with Speed Control 2- temperature probes (2013) 2-relay version**

### **To reset all parameters to factory defaults.**

Turn off power to control. Press and hold both the PRG and SET button while turning on the control. Keep holding buttons until temperature is displayed. Let go. Follow instructions below to program the control.

### **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 bring 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.

**C-38 = 0 (to ensure only 1 output activation)**

Use the ↑ and ↓ arrows to navigate to the C-38. Press SET to accept. Use the ↑ and ↓ arrows to navigate to the #0 to enable head to use only one output to control compressor. Press SET to accept. This will bring you back to C-38.

**P-2=6 (To set the degrees of differential)**

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.

**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 appears, let go, press the SET until ST2 appears, let go. The display shows ST2 and then the current value of ST2. Use the ↑ and ↓ arrows to navigate to the desired temperature. Press SET to save and exit. The readout will return to operating display mode (box temperature).

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