

SIMPLE DIGITAL THERMOSTAT PROGRAMMING

RParts Part Number 015-0001 o Carel Part Number IR32V0E

Step 1 SETTING THERMOSTAT MODE

- o Turn the thermostat on and press **"PRG"** and **"SEL"** simultaneously for 5 seconds
- o If correct, the display will flash **"0"**
- o Use the arrows to display **"22"**
- o Press **"SEL"**
- o If correct, the display shows **"C 0"**
- o Press **"SEL"**
- o Use the arrows to display **"1"**
- o Press **"SEL"**
- o Press **"PRG"**
- o Turn off the power to the thermostat

Step 2 SETTING PARAMETERS

- o Turn the thermostat on and press **"PRG"** and **"SEL"** simultaneously for 5 seconds
- o If correct, the display will flash **"0"**
- o Use the arrows to display **"77"**
(↑ Up arrow key from "0 – 77")
- o Press **"SEL"**
- o If correct, the display will flash **"C 0"**
- o Use the arrows to display **"C 13"**
 - o Each one of these is a parameter. To check the value (setting) in this parameter, press **"SEL"**. The value (setting) will be displayed. The value can be changed by using the arrows.

Step 2 SETTING PARAMETERS (Continued)

- If the optional box probe is installed, "**C 13**" value (setting) should be "**1**".
- If the optional box probe is not installed, "**C 13**" value (setting) should be "**0**".
- o When the "**C 13**" value (setting) has been set, press "**SEL**" to return to the parameters and "**C 13**" should be displayed.
- o Use the ↑ Up arrow to display "**C 18**" parameter
 - o To check the value (setting) in this parameter, press "**SEL**". The value (setting) will be displayed. The value can be changed by using the arrows.
 - Value (setting) = "**1**" if degree is F
 - Value (setting) = "**0**" if degree is C
 - o When the "**C 18**" value (setting) has been set, press "**SEL**" to return to the parameters.
- o Press "**PRG**"

Step 3 SETTING DIFFERENTIAL

- o Press "**PRG**" for 5 seconds
- o If correct, "**P1**" will flash
- o Press "**SEL**"
- o Use the arrow keys to display the differential you require. This is the temperature difference between the system turning on and turning off controlled by the thermostat.

Step 3 SETTING DIFFERENTIAL (Continued)

In Step 4, you will set the temperature you want the system to shut off at. This shut off temperature is known as the set point. The differential you are now setting is the difference between the cut out temperature and the temperature you want the unit to come back on again.

Example: Compressor shuts off at -10°F (set in Step 4)

Differential is +15 (must be a positive number)

The compressor will be turned back on at +5°F

- o Press **"SEL"**
- o Press **"PRG"**

Step 4 SETTING SET POINT

- o Press **"SEL"** and hold until **"St1"** is displayed
- o Release to display value (setting) that will flash
(This value is the temperature you want the system to shut off at as example above.)
- o Use the arrows to set the system to turn off at the lowest temperature you want the system to reach
- o Pres **"SEL"** to retain memory

Congratulations! You have just programmed the system to come on at the "St1" + "P1" temperature and turn off at the "St1" temperature.