



Programming the Dragon X2 Thermostat

The remote thermostat supplied with the Dragon X2 Mobile Furnace provides precise, programmable temperature controls. When properly programmed, the thermostat will cycle the Dragon on and off to maintain precise temperature range in the target area based on the settings you program. The thermostat can be programmed in either degrees Fahrenheit or Celsius.

Programming Instructions

Note that the temperature sensor is located at the end of the cable, and should be placed inside the environment you wish to heat. For best results, place the sensor away from drafts, windows, and any equipment that may produce temperature variations.

1. When the Dragon is plugged in and the ON/OFF switch is turned to the Thermostat position, the thermostat will display the ambient temperature.



The thermostat shows the current ambient temperature when connected to the Dragon.

2. Press the SET key once to access the Fahrenheit/Celsius select mode. The display will show the current status, either F for Fahrenheit or C for Celsius. To switch between the two modes, press either arrow key. Choose either F or C.



Choose either the Fahrenheit (F) or Celsius (C) mode.

3. Press the SET key again to access the set point. The display will blink "S1" and show the current set point in degrees. The set point is the maximum temperature you wish to maintain in the target area.

For example, with a set point of 85°F, the Dragon will stop heating when the temperature exceeds 85°F.

Use the arrows to choose a set point.



Use the arrows to choose the desired temperature setpoint

4. Press the SET key again to display the current "setback" or temperature differential setting. The display will blink "DIF 1" and show the current differential. Press the up or down arrow keys to select a differential. The differential is the number of degrees the temperature will drop below the set point before the thermostat initiates another heating cycle. In other words, the differential determines the minimum temperature of the target area.

For example, with a set point of 85°F and a differential of 5°, the Dragon will begin a heating cycle when the temperature of the target area drops below 80°.

You can select a differential ranger from 1° to 30°.



Use the arrows to select a differential

5. Press the SET key again to access the heating or cooling programming mode. The display will show the current mode: either C1 for cooling or H1 for heating. **IMPORTANT!** Make sure the thermostat is set to H1 for the heating mode. The Dragon will not function properly with the thermostat in cooling mode.

Use the arrow keys to select H1 for the heating mode.



6. Press the SET key once more to complete the programming of the thermostat.

The Dragon X2 thermostat is now ready for use.