

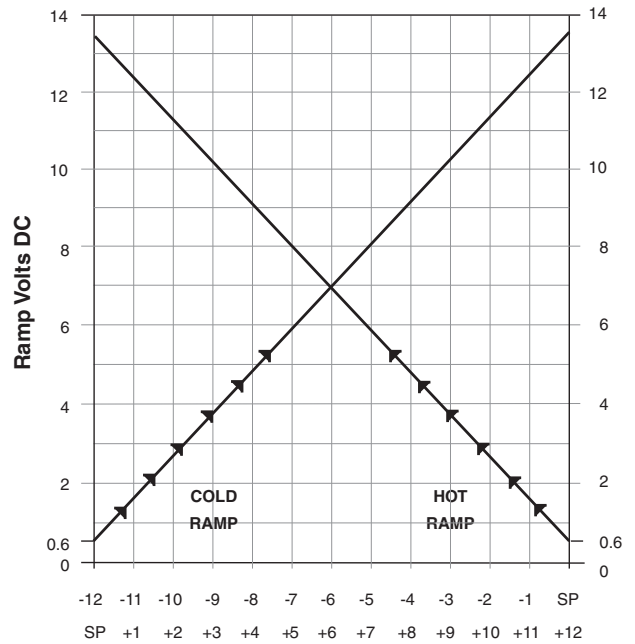


### Description

The 744-H or 744-C and 744-HP or 744-CP Series Step Controllers provide an internal DC Volt Ramp for either heating and/or cooling applications. The 744-H or 744-C is designed to accept any one of five electric/electronic input signals. The 744-HP or 744-CP provides an on-board transducer that directly accepts a 0—15-psi pneumatic input signal. In both Series, all factory calibrated staging occurs at the same Ramp Voltage DC.

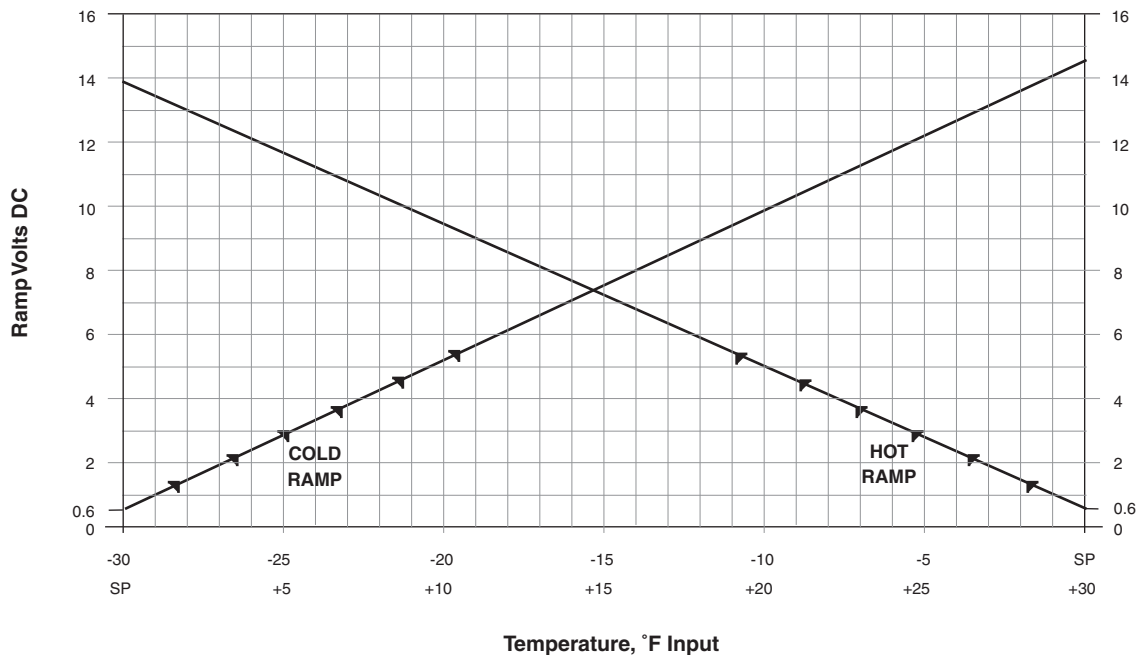
The Ramp vs. Input graph describes each input signal available. Stages are factory programmed and calibrated. Refer to the 744-H, C, HP, CP Series Installation and Operating Instructions for field recalibration of stages.

| 744-H or 744-C<br>Ramp Volts DC | Stage     | 744-HP or 744-CP<br>Ramp Volts DC |
|---------------------------------|-----------|-----------------------------------|
| 0.6                             | Set Point | 9.3                               |
| 1.4                             | Stage 1   | 9.9                               |
| 2.2                             | Stage 2   | 10.5                              |
| 3.0                             | Stage 3   | 11.1                              |
| 3.8                             | Stage 4   | 11.7                              |
| 4.6                             | Stage 5   | 12.3                              |
| 5.4                             | Stage 6   | 12.9                              |



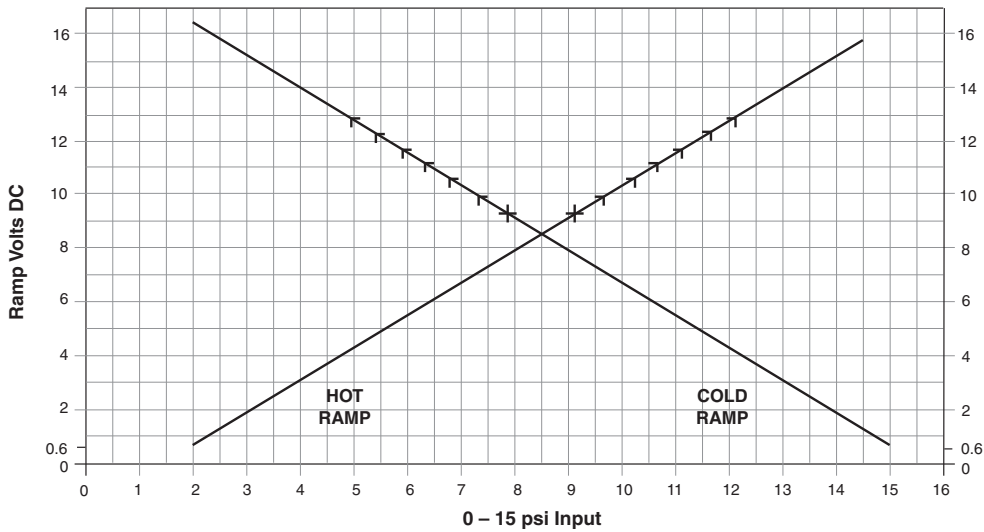
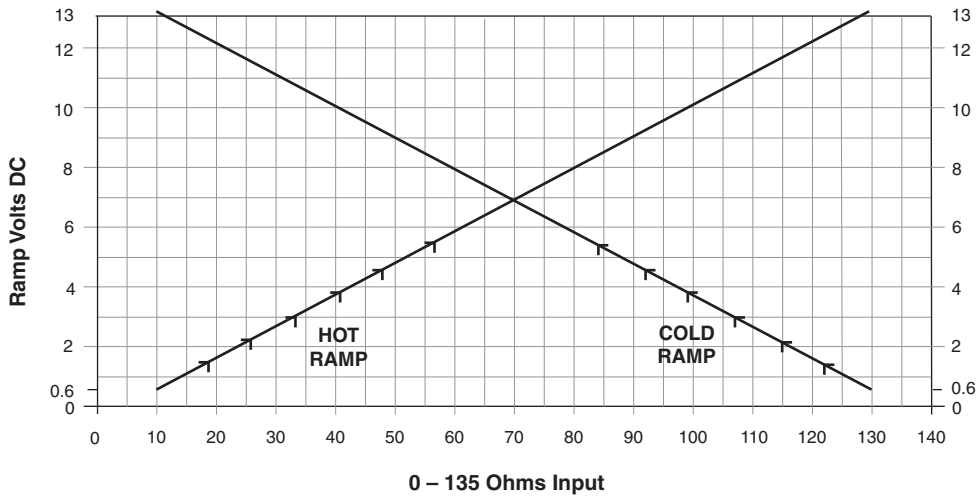
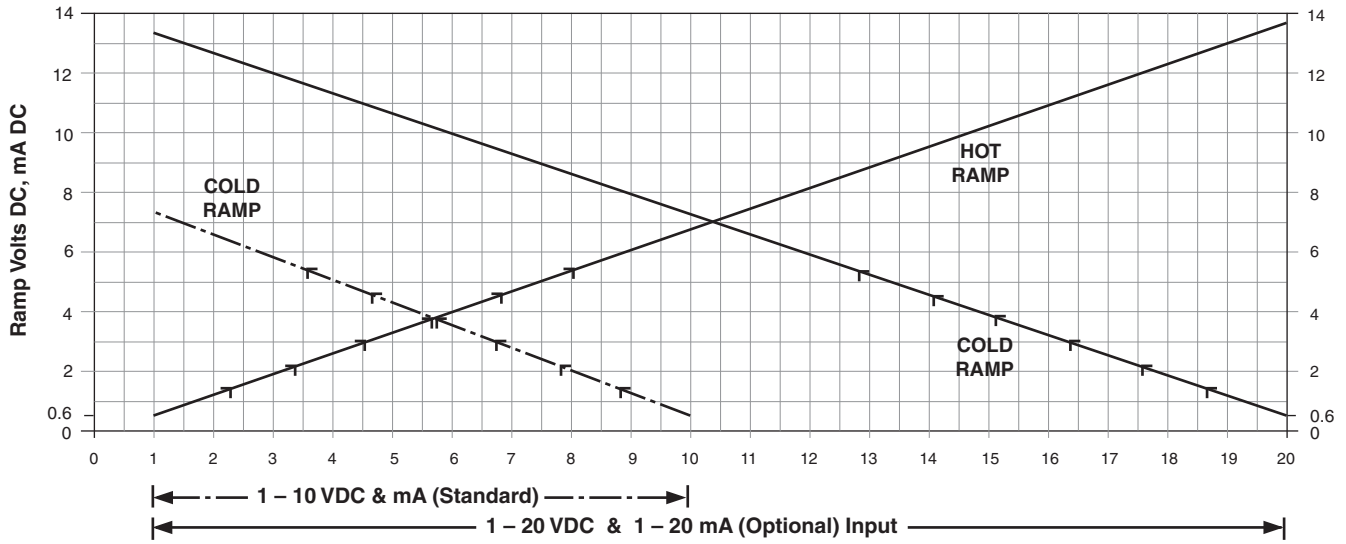
Temperature, °F Input

906-13 Series Thermostats  
65° – 85°F Range



Temperature, °F Input

906-19CDRW Series Thermostat or P/N 490-0037-007 Remote Sensor  
30° – 160°F Range



## Hoffman|Controls