

Firing Tips

Controlled Cooling With ConeFire Mode

Crystal Glazes and slow cooling Cone 6 glazes are really hot now. In order to make these glazes work it is necessary to control the cooling side of your firing program. Did you know that if your KilnMaster kiln is less than 4 years old you have the ability to link a controlled cooling program to a ConeFire Mode Program? You may be asking yourself why would I want to do this, can't I just write a Ramp and Hold Program? The main reason you would want to use this feature is that ConeFire Mode does all of the cone correlation calculations for you. If the kiln is firing slow Cone Fire Mode automatically adjusts the peak temperature down so you get a perfect cone bend (heat work) before you begin your controlled cooling ramps.

Use the instructions below to link the 2 programs together. After you link them press Review. The Review will show the ConeFire program but will not show the segments listed in program # 6. If the programs are linked it will display "16-S" after the ConeFire Program. At this point you can run the program.

There is one rule that you must adhere to when using this feature. The 1st segment in program #6 will not be recognized therefore you must design your cooling program with segment 2. Just enter any data for segment 1.

- 1) Write a 2 to 7 segment program and enter it into the USER 6 program slot. (Remember the 1st segment will not be recognized)
- 2) Enter your desired ConeFire Mode Program.
- 3) Press "F/C", "7", "8". The "16-S" message alternates with off. (If you have newer kiln the "F/C" button is now labeled "MENU")
- 4) Press 1 to toggle it to "ON". Press "ENTER"
- 5) Press "REVIEW" to make sure the "16-S" feature is activated.
- 6) Press "START" to run the program.