

New Intellifaucet logic board

New Features

1. PRESETS

Press and hold Temp, Flow, Timer or Batch for 3 seconds to save current values.

Press and hold F/C or Metric/English, and Weight/Volume for 3 seconds to save mode.

2. KEYPAD CALIBRATION

Press STOP button for 3 seconds to enter calibration mode. Beeps and shows CAL.

Set up container with accurate thermometer. Set 68. Run for a minute or so and record temperature. Repeat at 102. There are 4 cases:

1. No error - done.
2. Both errors equal. Press the FLOW keys (Zero Offset) to raise or lower temperature. Units 0.1C, 0.18F
3. Error at 102 is more positive than error at 68. Press the TIMER (Gain) key down. Try 10 units at a time.
4. Error at 68 is more positive. Press the TIMER (Gain) key up.

Repeat test until calibrated.

Press STOP for 3 seconds to save calibration values and leave calibration mode.

See attached calibrate sheet.

3. SET PERSONALITY.

One board and program chip are used for all Intellifaucets. If you want to use a board set for the Intellifaucet RK250 in an RK500, then you can change the "personality" as follows.

Press and hold the STOP key for 5 seconds (ignore CAL). Display shows 1-16.

Press key on keypad that corresponds to the model you want. See attachment. Unit beeps and shows 250, 375 etc for very brief time which saves the value. Done.

4. FLOWMETER CALIBRATION.

When set for a Batch model, you can calibrate the Intellifaucet to match your flowmeter.

Press and hold Show Temp key for 3 seconds. Run a test batch and record the result. Compare to your setting. Calculate the percent error.

Then, press the FLOW UP or FLOW DOWN keys to change the pulse per liter shown on the display the same percentage as your error.

Press and hold Show Temp key for 3 seconds to leave flowmeter calibration mode.

5. JUMPER ON BOARD TO DISABLE SPEAKER - just below microcontroller.

Please call, text or email with any questions.

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