**Cooler Controller Instructions**

**Features**

- Electrical Ratings: See chart below
- Room temperature constantly displayed
- Temperature adjustment always accessible
- High impact ABS case
- Case door covers operating control slide switches
- A Liquid Crystal Display (LCD) constantly displays the room temperature. Once a Set Point Temperature (SPT) is defined, the controller will operate the cooler until it reaches a temperature that is 3 degrees below the SPT. The default SPT is 77 degrees F (for example, during initial set up, and in the event of power failure).

**Temperature Calibration**

Some installations may require temperature calibration. Calibrate unit only after electric power has been connected, and cooler has been "on" for approximately 10 to 15 minutes. To calibrate unit, place bottom slide switch (S2j into “System Off” position, and place top slide switch (S1) into “Fan / Pump” position. Then push and hold both up and down arrow buttons for 5 seconds — until unit will enter its Temperature Calibration mode when the LCD blinks its current room temperature. At this time, push and hold up or down arrow button to adjust the room temperature that is displayed, accordingly. When no buttons are pushed for 10 seconds, unit will leave the Temperature Calibration mode and it will automatically return to its standard operating mode. Reposition slide switches as desired.

**Adj ust Time of Pre-Start Mode (change Pad Pre-Wet Time)**

If desired, time of “Pre-Start Mode” (pad pre-wet time) can be adjusted, between 4 minutes (default), or 2 minutes, or 0 minutes. To place bottom slide switch (S2) into “System Off” position, and (S0) into “System Off” position, and (S2j into “System Off” position, and place top slide switch (S1) into “Fan / Pump” position. Then push and hold both up and down arrow buttons for 5 seconds — until unit will enter this adjustment time mode and LCD will display current “Pre-Start Mode” time as “P4” or “P2” or “P0”. Push or down arrow button to change time of “Pre-Start Mode”, accordingly. When no buttons are pushed for 10 seconds, unit will leave this adjustment time mode and it will automatically return to its standard operating mode. Reposition slide switches as desired.

**Power Outputs & Resetting Cooler Controller**

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is covered by product warranty), or the unit needs to be reset. To reset unit, push reset button using supplied tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired. Also, after a power outage, temperature calibration and time of Pre-Start Mode will revert to factory default settings.

**Important Notes**

- Not for use with low voltage (e.g. 24vac) input power.
- If a power outage occurs, the LCD will reset the SPT to 77 degrees F, and LCD will display blinks “77F”.
- Reason for replacement, purchase date, failure date, and sales receipt must accompany Cooler Controller returned for replacement.
- Warranty is void if Cooler Controller has been abused, altered or improperly installed.
- We do not pay the cost of a service calls at the site of installation to diagnose cause of trouble or the cost of labor or transportation to replace a defective Cooler Controller.
- We are not responsible for any incidental or consequential damage resulting from any malfunction unless required to do so by law.

**Limitation Warranty**

1. Cooler Controller is warranted under normal use for 90 days from date of sale to user. In event of defect or failure, replacement is made through your authorized dealer or retailer.

2. Reason for replacement, purchase date, failure date, and sales receipt must accompany Cooler Controller returned for replacement.

3. Warranty is void if Cooler Controller has been abused, altered or improperly installed.

4. We do not pay the cost of a service call at the site of installation to diagnose cause of trouble or the cost of labor or transportation to replace a defective Cooler Controller.

5. We are not responsible for any incidental or consequential damage resulting from any malfunction unless required to do so by law.

**Dial Manufacturing Inc.**

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Form 76194-0616

**Cooler Controller Model 7617**

- **BI PUMP**
- **ON**
- **PUMP**
- **Green LED indicator light**
- **Adjustable “Pre-Start” (pad pre wet) Time: 4 minute (default), or change to 2 minute, or 0 minute**
- **Green LED “on” when controller is “on”**
- **Green LED blinks during “Pre-Start Mode”**
- **Installs in standard single gang electrical junction box**
- **Two gang wall plate adapter available separately (PN 7616)**
- **Loss of power default temperature setting of 77 Degrees F**
- **Reset Button**
- **Temperature Calibration**

**Power Outage**

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is covered by product warranty), or the unit needs to be reset. To reset unit, push reset button using supplied tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired. Also, after a power outage, temperature calibration and time of Pre-Start Mode will revert to factory default settings.

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