INSTRUCTIONS – COOLER CONTROLLER Model 7619 (Evaporative Cooler Controller)

Your Cooler Controller installs easily into the standard wall box that is already present in your home, after disconnecting the existing controller. The installation must be technically qualified for this type of installation. A qualified electrician should check all wiring and circuit breakers and be sure that the cooler is correctly grounded.

CAUTION: Turn the Cooler Controller switch to “off” position before turning power “on.” Read all instructions first before installation.

IMPORTANT: Your Cooler Controller includes a Reset Button (see Figure). When necessary, push button using included calibration tool (or equivalent) to depress reset button.

INTRODUCTION

Your digital thermostat controls a standard 115vac, 60Hz, residential evaporative cooler with blower motors from 1/3 HP up to 1 HP. Manual slide switches allow for 10 different cooling settings: OFF, Fan Only - High Speed (High Vent), Fan Only - Low Speed (Low Vent), Fan Only, Pump - High Speed (High Cool), Fan Only - Low Speed (Low Cool), Fan / Pump - High Speed (High Cool), Fan / Pump - Low Speed (Low Cool).

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. (Except during initial set up and in the event of power failure).

FEATURES

• Electrical Rating: 115vac, 60Hz, Up to 1 HP Blower Motor / 1-1/2 Amp, 6 Amp Pump
• Room temperature constantly displayed
• Temperature adjustment always accessible
• High impact ABS case
• Low door constexpr operating control slides switch
• Dual slide switches for cooler operation: OFF, Low Speed (Low Vent), Low Speed (Low Cool), High Speed (High Vent), High Speed (High Cool), Fan / Pump (High Cool), Fan / Pump (Low Cool), Fan Only (Fan Only), Pump Only (Pump Only), Pump Off (Pump Off)

INSTALLATION

IMPORTANT TURN OFF ELECTRICITY AT CIRCUIT BREAKER BEFORE WORKING ON COOLER CONTROLLER OR EVAPORATIVE COOLERS.

Your Cooler Controller installs into a standard 3-1/2” F single gang electrical junction box. An adaptor slide is available separately to mount the Cooler Controller in a single-gang box. For new installations, locate the Cooler Controller or the 6 screws away from the house's foundation and is not subject to unusual temperature variations. Avoid positioning it near any air conditioning vent or within an immediate area of a heat-generating appliance. Normally a holing resolution is ideal.

When your Cooler Controller is properly installed you will see that there are two slide switches for the desired cooler operating setting. Second, program the Set Point Temperature (SPT).

SET-UP AND OPERATION

To establish the Set Point Temperature (SPT), simply push the UP or DOWN arrow buttons until the desired value is displayed on the LCD. At this point, the Controller will flash that value for 10 seconds and then enter into a temperature that is 3 degrees below the SPT. To change the SPT, again push the UP or DOWN arrow buttons until the desired value is displayed.

TEMPERATURE CALIBRATION

Some installations may require temperature calibration. A display temperature calibration adjustment screw is located above and to the left of this slide switch. A calibration tool is provided. Calibration limit after any breaker reset after a power outage must be reset to “77” before installation.

POWER OUTAGES & RESETTING COOLER CONTROLLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed which is not covered by product warranty. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES

• For use with 240VAC, the low voltage (e.g. 24vAC), input power.
• A power outage occurs, the LCD will read the SPT to 77 degrees F. The LCD will also display 77 degrees in a blinking fashion.
• One speed blower motors can be used with your digital thermometer. Simply connect the high or low speed wiring to the thermistor motor, cap the unused thermistor (low or high) and position the bottom slide switch to the corresponding compatible speed.

LIMITED 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 or failure, replacement is made through your authorized dealer or retailer.

3. Warranty is void if Cooler Controller has been abused, altered or tampered with.

4. We do not pay the cost of a service call at the site of installation to diagnose cause of trouble of the cost of labor to transport or 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.

NOTE: Default temperature is 77° F

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INSTRUCTIONS – COOLER CONTROLLER Model 7619

Your Cooler Controller includes a Reset Button (see Figure). When necessary, push button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES:

- The LCD also displays 77 degrees in a blinking fashion.
- One speed blower controls can be used with your digital thermometer. Simply connect the high in white wire to the blower motor cap. Use the white wire (cooling) or the high in white wire (heating) and position the bottom slide switch to the corresponding speed.

LIMITED WARRANTY

1. Cooler Controller is warranted against 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. If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

TEMPERATURE CALIBRATION

Some installations may require temperature calibration. A display temperature calibration adjustment screw is located above and to the left of this switch. A calibration nut is provided. Calibration unit is to be used only after blower motor has been off for 10 or more continuous minutes. By turning the calibration adjustment screw, the display temperature will change. Adjust the display temperature by only 1 or 2 degrees at a time. Do not calibrate unit more than once per day. Do not calibrate and use more than 2 degrees at a time. Repeat the calibration step as deemed necessary.

POWER OUTAGES & RESETTING COOLER CONTROLLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

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POWER OUTAGES & RESETTING COOLER CONTROLLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES:

- The LCD also displays 77 degrees in a blinking fashion.
- One speed blower controls can be used with your digital thermometer. Simply connect the high in white wire to the blower motor cap. Use the white wire (cooling) or the high in white wire (heating) and position the bottom slide switch to the corresponding speed.

LIMITED WARRANTY

1. Cooler Controller is warranted against 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. If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

TEMPERATURE CALIBRATION

Some installations may require temperature calibration. A display temperature calibration adjustment screw is located above and to the left of this switch. A calibration nut is provided. Calibration unit is to be used only after blower motor has been off for 10 or more continuous minutes. By turning the calibration adjustment screw, the display temperature will change. Adjust the display temperature by only 1 or 2 degrees at a time. Do not calibrate unit more than once per day. Do not calibrate and use more than 2 degrees at a time. Repeat the calibration step as deemed necessary.

POWER OUTAGES & RESETTING COOLER CONTROLLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES:

- The LCD also displays 77 degrees in a blinking fashion.
- One speed blower controls can be used with your digital thermometer. Simply connect the high in white wire to the blower motor cap. Use the white wire (cooling) or the high in white wire (heating) and position the bottom slide switch to the corresponding speed.

LIMITED WARRANTY

1. Cooler Controller is warranted against 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. If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

TEMPERATURE CALIBRATION

Some installations may require temperature calibration. A display temperature calibration adjustment screw is located above and to the left of this switch. A calibration nut is provided. Calibration unit is to be used only after blower motor has been off for 10 or more continuous minutes. By turning the calibration adjustment screw, the display temperature will change. Adjust the display temperature by only 1 or 2 degrees at a time. Do not calibrate unit more than once per day. Do not calibrate and use more than 2 degrees at a time. Repeat the calibration step as deemed necessary.

POWER OUTAGES & RESETTING COOLER CONTROLLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES:

- The LCD also displays 77 degrees in a blinking fashion.
- One speed blower controls can be used with your digital thermometer. Simply connect the high in white wire to the blower motor cap. Use the white wire (cooling) or the high in white wire (heating) and position the bottom slide switch to the corresponding speed.

LIMITED WARRANTY

1. Cooler Controller is warranted against 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. If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty), or the unit needs to be reset. To reset, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

TEMPERATURE CALIBRATION

Some installations may require temperature calibration. A display temperature calibration adjustment screw is located above and to the left of this switch. A calibration nut is provided. Calibration unit is to be used only after blower motor has been off for 10 or more continuous minutes. By turning the calibration adjustment screw, the display temperature will change. Adjust the display temperature by only 1 or 2 degrees at a time. Do not calibrate unit more than once per day. Do not calibrate and use more than 2 degrees at a time. Repeat the calibration step as deemed necessary.
INSTRUCTIONS — COOLER CONTROLLER Model 7619

Your Cooler Controller mounts into a standard 2" x 4" single gang electrical junction box. The installation must be technically qualified for this type of installation. A qualified electrician should check all wiring and circuit breakers before turning power ‘on’. Read all instructions first before installation.

INTRODUCTION

Your digital thermostat controls a standard 1500w, 60Hz, residential evaporative cooler with blower motors from 1/5 HP up to 1 HP. Manual slide switches allow for 5 different cooling options: OFF, Fan Only - High Speed (High Vent), Fan Only - Low Speed (Low Vent), Fan / Pump - High Speed (High Cool), or Fan / Pump - Low Speed (Low Cool).

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).

FEATURES

• Electrical Rating: 1500w, 60Hz, Up to 1 HP Blower Motor @ 0.8 Amp, 2-4 Amp Pump
• Room temperature constantly displayed
• Temperature adjustment easily accessible
• High impact ABS case
• Case door covers operating control slide switches
• Dual slide switches for cooler operations: OFF, LOW COOL (Fan / Pump & Low), HIGH COOL (Fan / Pump & High), LOW VENT (Fan Only & Low), HIGH VENT (Fan Only & High), LOW / HIGH (Fan / Pump & Low / High Speed (Low Vent), Fan Only - Low Speed (Low Vent), Fan Only - High Speed (High Vent), Fan / Pump - Low Speed (Low Cool), Fan / Pump - High Speed (High Cool), or Fan / Pump - No Speed (No Speed)).

INSTALLATION

IMPORTANT: TURN OFF ELECTRICITY AT CIRCUIT BREAKER BEFORE WORKING ON COOLER CONTROLLER OR EVAPORATIVE COOLER.

Your Cooler Controller mounts into a standard 2" x 4" single gang electrical junction box. An adapter plate is available separately to mount the Cooler Controller into a two-gang box. For new installations, locate your air conditioning vent or within an immediate area of a heat-generating appliance. Normally a hallway location is ideal.

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5. We are not responsible for any incidental or consequential damage resulting from any malfunction or failure, replacement is made through your authorized dealer or retailer.

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.

NOTE: Default temperature is 77°F

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Calibration

Some installations may require temperature calibration. A display temperature calibration adjustment screw is located above and to the side of this switch. A calibration tool is provided. Calibration is only after blower motor has been turned on for over 1 minute. If adjusting the calibration adjustment screw, the display temperature will change. Adjust the display temperature by only 1 or 2 degrees at a time. Do not calibrate until more than one year has passed. Do not calibrate and by no more than 2 degrees at a time. Repeat this calibration step as deemed necessary.

POWER OUTAGES & REPLACING COOLER CONTROLLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed (which is not covered by product warranty) or the unit needs to be reset. To reset unit, press reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES

• For use with 24VAC, the low line voltage (i.e. 24VAC), input power
• If a power outage occurs, the LCD will display the SPT to 77 degrees F. The LCD will also display 77 degrees in a blinking fashion.

Your old switch with the Cooler Controller:

If replacing a manual, 6 position rotary wall switch, follow electrical diagram referenced above for proper wiring connections and for a display temperature calibration adjustment.

TEMPERATURE CALIBRATION

If replacing a manual, 6 position wall switch, follow electrical diagram referenced above for proper wiring connections and for a display temperature calibration adjustment.

TEMPERATURE CALIBRATION

If replacing a manual, 6 position wall switch, follow electrical diagram referenced above for proper wiring connections and for a display temperature calibration adjustment.

SENSOR TEMPERATURE CALIBRATION

Your Cooler Controller includes a Reset Button (see Figure). When necessary, push button to reset unit. Use included calibration tool (or equivalent) to depress reset button.

IMPORTANT:

• Loss of power default temperature setting of 77 Degrees F

• If a power outage occurs, then the LCD will reset the SPT to 77 degrees F. The LCD will also display 77 degrees in a blinking fashion.

• One-speed blower motors can be used with your digital thermostat. Simply connect the high or low speed wire of the blower motor to the Cooler Controller. Cap the unused thermostat wire (low or high) and position the bottom slide switch to the corresponding compatible speed.

LIMITED 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, replacement of part(s) or complete Cooler Controller returns 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 serviceman at the site of installation to diagnose causes of trouble or the cost of labor or transportation to repair 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.
INSTRUCTIONS – COOLER CONTROLLER Model 76191 installation:

1. The Cooler Controller is made of non-conductive insulating plastic. The installation must be technically qualified for this type of installation. A qualified electrician should check all wiring and circuit breakers and be sure that the circuit is correctly grounded.

CAUTION: Turn the Cooler Controller switch to "off" position before turning power "on." Read all instructions first before installation.

IMPORTANT: Your Cooler Controller includes a Reset Button (see Figure). When necessary, push button using supplied calibration tool (or equivalent) to depress reset button.

INTRODUCTION

Your digital thermostat controls a standard 115vac, 60Hz, residential evaporative cooler with blower motors from 1/2 HP to 1 HP. Manual slide switches allow for 5 different controller settings: OFF, Fan Only - High Speed (High Vent), Fan Only - Low Speed (Low Vent), Fan / Pump - High Speed (High Cool), Fan / Pump - Low Speed (Low Cool).

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.

FEATURES

• Electrical Rating: 115Vac, 60Hz, Up to 1 HP Blower Motor @ 0.2 Amp, 1 Amp Pump
• Room temperature constantly displayed
• Temperature adjustment always accessible
• High Impact ABS case
• Upper cover opens exposing control slide switches
• Manual slide switches for cooler controls: OFF, Low Speed (Low Vent), High Speed (High Vent), Low Pump, Fan Only (Low), Fan Only (High), Fan / Pump (Low), Fan / Pump (High)

INSTALLATION

IMPORTANT: TURN OFF ELECTRICITY AT CIRCUIT BREAKER BEFORE WORKING ON COOLER CONTROLLER OR EVAPORATIVE COOLER.

Your Cooler Controller mounts into a standard 2" x 4" single gang electrical junction box. An adapter plate is supplied. For new installations, locate your Cooler Controller so that it accesses average house temperatures and is not subject to unusual temperatures and the variations. Avoid placing it near air conditioning vent or within an insulative area of a heat-generating appliance. Normally a hallway location is ideal.

With circuit breaker turned off, connect the Wiring Diagram. Wiring connections are shown within the Electrical Diagram. Use wire nuts supplied. Push all wiring into junction box. Missed thermostat to junction box using the screws provided.

If replacing a manual, 6 position rotary wall switch with the Cooler Controller, your old switch must have 4 wires connected to it. See tables below and follow electrical diagram referenced above for proper wiring connections.

IMPORTANT: Your Cooler Controller has a 3 wire controller setting (as opposed to a 4 or 6 wire controller). The 3 wire model MUST be connected to the Commerical/Residential evaporative cooler using the appropriate evaporative cooler, or fan motor(s). Two green LED’s will blink during the “4-Minute Pre-Start Mode.”

TEMPERATURE CALIBRATION

Some installations may require temperature calibration. A display temperature calibration adjustment control is located above and to the left of this switch. A calibration tool is provided. Calibration is only after blower motor has been on for 5 to 10 minutes. By turning the calibration adjustment screw, the display temperature will change. Adjust the display temperature by only 1 or 2 degrees at a time. Do not calibrate until more than one year per year. Do not calibrate and by more than 2 degrees at a time. Repeat this calibration step at least once per year.

POWER OUTAGES & RESET CONTROLLER COOLER

If your Cooler Controller does not respond properly after a power outage, then either an internal component has failed which is not covered by product warranty, or the unit needs to be reset. To reset unit, push reset button using supplied calibration tool (or equivalent). See Figure. If unit responds properly, then change SPT as desired.

IMPORTANT NOTES

• For your safety, disconnect the cooler from the electrical power source before installation. Replace in accordance with your local electrical codes. The liquid crystal display is a digital readout thermometer and is not designed as a feed water heater.

LIMITED WARRANTY

1. Cooler Controller is warranted under normal use for 90 days from date of sale to user. If the Cooler Controller is found to be defective, we will replace the Cooler Controller with a new or reconditioned unit. We are not responsible for any incidental or consequential damages resulting from any malfunction unless required to do so by law.