

EVAP COOLER PUMP INSTALLATION INSTRUCTIONS

WARNING

- DISCONNECT ELECTRICAL POWER TO COOLER BEFORE INSTALLING OR SERVICING PUMP.
- PUMP INSTALLATION MUST COMPLY WITH COOLER MANUFACTURER'S SPECIFICATIONS AND APPLICABLE ELECTRICAL AND BUILDING CODES.
- USE ONLY IN UPRIGHT POSITION.
- DO NOT USE WITH COOLER WATER RESERVOIRS OVER 4 INCHES IN DEPTH.

INSTALLING PUMP

1. Install a filter screen or basket around pump base to prevent clogging of pump and water distribution system, especially in aspen coolers.
2. Mount pump inside cooler using cooler manufacturer's original pump mounting bracket. Secure separate bracket to blower housing or to blower mounting bar. A pump mounting screw is provided on top of pump.
3. Securely attach pump hose to pump nozzle and to water distributor adapter at top of cooler.
4. Connect pump to electrical source:
 - A. For coolers with a pump receptacle, plug in pump. CAUTION: Risk of electric shock — This pump is supplied with a grounding-type attachment plug. Be certain it is connected only to a grounding-type receptacle.
 - B. For coolers without a pump receptacle, connect leads to electrical source, in accordance with cooler manufacturer's specifications and all applicable electrical codes. Leads of replacement pump shall be terminated at the same point of connection and in the same manner as the existing pump.
 - a. CAUTION — Risk of fire, electric shock, or injury to persons. Installation requires knowledge of electrical systems. If not qualified, do not attempt installation.
 - b. CAUTION — Risk of electric shock. Make grounding connection as shown in wiring diagram.
5. Secure excess pump cord inside cooler to prevent cord from touching: a) water in reservoir or on pads, and b) moving parts such as blower wheel. CAUTION — Route pump cord in the same manner as was done in the original installation (for example, through clip on blower mounting bar). Otherwise, if pump cord remains loose (not taut), then additional cord securing must be performed.
6. Fill water reservoir to depth recommended by cooler manufacturer, usually between 2-1/4 to 3 inches deep (or approximately 1/2 inch below the top of the overflow pipe). Adjust float valve

to shut off at recommended water depth. Important: Reservoir depth must not exceed 4 inches.

PUMP MAINTENANCE DISCONNECT POWER TO COOLER AND UNPLUG COOLER PUMP

1. Rotate pump shaft by hand before the start of each season to loosen motor rotor.
2. Clean pump cavity when clogged by removing bottom of baseplate. Do not use screwdriver to remove baseplate snaps. Reattach baseplate by following sequence numbers on baseplate bottom.
3. Discontinue use of pump when motor stops and starts due to overheating. If pump does not operate, inspect for faulty cooler switch, thermostat or for faulty wiring.
4. To winterize cooler pump, remove from cooler and store in dry place. Do not winterize cooler using a "plastic" cooler cover.

