

## Troubleshooting

<u>Problem</u>	<u>Possible Cause</u>	<u>Remedy</u>
Failure to start or no air delivery	<ol style="list-style-type: none"> <li>No electrical power to unit                             <ul style="list-style-type: none"> <li>Fuse blown</li> <li>Circuit breaker tripped</li> <li>Electric cord unplugged or damaged</li> </ul> </li> <li>Belt too loose or tight</li> <li>Motor overheated                             <ul style="list-style-type: none"> <li>Belt too tight</li> <li>Blower bearings dry</li> <li>Motor pulley diameter too large</li> </ul> </li> <li>Motor locked</li> </ol>	<ol style="list-style-type: none"> <li>Check power                             <ul style="list-style-type: none"> <li>Replace fuse</li> <li>Reset breaker</li> <li>Plug in cords or replace if damaged</li> </ul> </li> <li>Adjust belt tension</li> <li>Determine cause of overheating                             <ul style="list-style-type: none"> <li>Adjust belt tension</li> <li>Oil blower bearings</li> <li>Adjust pulley to correct diameter</li> </ul> </li> <li>Replace motor</li> </ol>
Inadequate air delivery with cooler running	<ol style="list-style-type: none"> <li>Insufficient air exhaust</li> <li>Belt too loose</li> <li>Pads plugged</li> <li>Motor underloaded</li> </ol>	<ol style="list-style-type: none"> <li>Open windows or doors to increase air flow</li> <li>Adjust belt tension or replace if needed</li> <li>Replace pads</li> <li>Adjust pulley to full load ampere rating of motor</li> </ol>
Inadequate cooling	<ol style="list-style-type: none"> <li>Inadequate exhaust in house                             <ul style="list-style-type: none"> <li>Pads plugged</li> <li>Open spots in pads</li> <li>Trough holes clogged</li> <li>Pump not working properly</li> </ul> </li> <li>Pads not wet</li> </ol>	<ol style="list-style-type: none"> <li>Open windows or doors to increase air flow</li> <li>Check water distribution system                             <ul style="list-style-type: none"> <li>Replace pads</li> <li>Repack pads</li> <li>Clean trough and unplug holes</li> <li>Replace or clean pump (Unplug unit)</li> </ul> </li> </ol>

<u>Problem</u>	<u>Possible Cause</u>	<u>Remedy</u>
Motor cycles on and off	<ol style="list-style-type: none"> <li>Low voltage</li> <li>Excessive belt tension</li> <li>Blower shaft tight or locked</li> <li>Bearings dry</li> <li>Motor pulley diameter too large causing motor overload</li> </ol>	<ol style="list-style-type: none"> <li>Check voltage</li> <li>Adjust belt tension</li> <li>Oil or replace bearings (Unplug unit)</li> <li>Oil bearings</li> <li>Adjust pulley so full load ampere rating of motor is not exceeded</li> </ol>
Noisy	<ol style="list-style-type: none"> <li>Bearings dry</li> <li>Wheel rubbing blower housing</li> <li>Loose parts</li> </ol>	<ol style="list-style-type: none"> <li>Oil bearings</li> <li>Inspect and realign (Unplug unit)</li> <li>Tighten loose parts</li> </ol>
Musty or unpleasant odor	<ol style="list-style-type: none"> <li>Stale or stagnate water in cooler</li> <li>Pads mildewed or clogged</li> <li>Pads not wetting properly                             <ul style="list-style-type: none"> <li>Trough holes clogged</li> <li>Pump not working properly</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>Drain pan and clean pads</li> <li>Replace pads</li> <li>Check water distribution system                             <ul style="list-style-type: none"> <li>Clean</li> <li>Replace or clean pump (Unplug unit)</li> </ul> </li> </ol>
Water draining onto roof	<ol style="list-style-type: none"> <li>Float arm not adjusted properly</li> <li>Overflow assembly leaking</li> </ol>	<ol style="list-style-type: none"> <li>Adjust float</li> <li>Tighten nut and overflow pipe.</li> </ol>
Excessive humidity in house	<ol style="list-style-type: none"> <li>Inadequate exhaust</li> </ol>	<ol style="list-style-type: none"> <li>Open doors or windows</li> </ol>

Register your product online at [www.championcooler.com/eac/online-registration-eac.htm](http://www.championcooler.com/eac/online-registration-eac.htm)

### Limited Warranty

This warranty is extended to the original purchaser of an evaporative cooler installed and used under normal conditions. It does not cover damages incurred through accident, neglect, or abuse by the owner. We do not authorize any person or representative to assume for us any other or different liability in connection with this product.

#### Terms And Conditions Of The Warranty

For Eight Years from date of Purchase, we will replace the original base assembly if water leakage should occur due to rust out.

For One Year from date of Purchase, we will replace any original component provided by Champion Cooler which fails due to any defect in material or factory workmanship only.

#### Exclusions From The Warranty

We are not responsible for replacement of cooler pads. These are disposable components and should be replaced periodically. We are not responsible for any incidental or consequential damage resulting from any malfunction.

We are not responsible for any damage received from the use of water softeners, chemicals, descale material, plastic wrap, or if a motor of a higher horsepower than what is shown on the serial plate is used in the unit.

We are not responsible for the cost of service calls to diagnose cause of trouble, or labor charge to repair and/or replace parts.

#### How To Obtain Service Under This Warranty

Contact the Dealer where you purchased the evaporative cooler. If for any reason you are not satisfied with the response from the dealer, contact the Customer Service Department: 5800 Murray Street, Little Rock, Arkansas 72209. 1-800-643-8341. E-mail: [info@championcooler.com](mailto:info@championcooler.com).

**This limited warranty applies to original purchaser only.**