



TROUBLESHOOTING

The following troubleshooting guide is intended to address the most common symptoms and is by no means exhaustive. If symptoms persist, call a qualified service provider. Only a certified electrician should complete electrical work. Turn off all power to the cooler before attempting to troubleshoot any of the following symptoms.

SYMPTOM	POSSIBLE CAUSES	REMEDY
Unit fails to start or deliver air	<ol style="list-style-type: none"> 1. No electrical power to unit <ol style="list-style-type: none"> A. Fuse blown B. Circuit breaker tripped C. GFCI tripped D. Cord(s) unplugged or damaged 2. Belt too loose or too tight 3. Motor overheated and frozen <ol style="list-style-type: none"> A. Belt too tight or broken B. Blower wheel bearings dry C. Motor overloaded D. Faulty wiring or shorts 4. Bad capacitor 	<ol style="list-style-type: none"> 1. Check power <ol style="list-style-type: none"> A. Replace fuse* B. Reset breaker* C. Reset GFCI* D. Plug in cord(s) or replace if damaged * If condition persists, call an electrician 2. Adjust belt tension 3. Replace motor <ol style="list-style-type: none"> A. Adjust belt tension or replace B. Lubricate blower bearings C. Using an ammeter, adjust motor to full load nameplate amps D. Call electrician 4. Replace capacitor
Unit starts but air delivery inadequate	<ol style="list-style-type: none"> 1. Lack of sufficient air exhaust 2. Motor underloaded (ducted units only) 3. Belt too loose 	<ol style="list-style-type: none"> 1. Open windows or doors to increase ventilation 2. Using ammeter, adjust motor to full load nameplate amps 3. Adjust belt tension or replace if need
Inadequate cooling	<ol style="list-style-type: none"> 1. Inadequate exhaust in house 2. Air registers improperly positioned 3. Insufficient water / pad not wet <ol style="list-style-type: none"> A. Pad plugged B. Distribution holes clogged C. Pump not working D. Loose connection in water system E. Pump basket clogged 	<ol style="list-style-type: none"> 1. Open windows or doors to increase ventilation 2. Adjust to direct air as desired 3. Check water distribution system <ol style="list-style-type: none"> A. Rinse or replace pad B. Clear holes C. Unplug pump. Clean impeller housing of foreign matter D. Check for leaks and correct E. Clean basket
Motor fails to operate	<ol style="list-style-type: none"> 1. Excessive belt tension 2. Blower shaft tight or frozen 3. Motor overloaded 4. Incorrect sheave adjustment 5. Pulleys misaligned 	<ol style="list-style-type: none"> 1. Adjust belt tension 2. Lubricate blower bearings 3. Correct - do not exceed motor nameplate amps 4. Serviceman should correct 5. Check and correct alignment
Water draining from overflow standpipe	<ol style="list-style-type: none"> 1. Float arm improperly adjusted 2. Seat in float valve leaking 3. Standpipe not tight 	<ol style="list-style-type: none"> 1. Adjust float 2. Replace float valve 3. Tighten standpipe
Knocking or banging sound	<ol style="list-style-type: none"> 1. Bearings dry <ol style="list-style-type: none"> A. Wheel rubbing blower housing or rotating off-balance 	<ol style="list-style-type: none"> 1. Lubricate blower bearings <ol style="list-style-type: none"> A. Inspect blower shaft, collars, belt and pulley alignment and motor mounting
Blower shakes or rattles	<ol style="list-style-type: none"> 1. Belt or pulley loose 	<ol style="list-style-type: none"> 1. Inspect belt and adjust if needed. Adjust or replace pulley.
Excessive humidity in house	<ol style="list-style-type: none"> 1. Inadequate exhaust ventilation 	<ol style="list-style-type: none"> 1. Open doors or windows to increase
Musty or unpleasant odor	<ol style="list-style-type: none"> 1. Stale or stagnant water in sump 2. Pads mildewed or clogged 3. Pads not completely wet before 	<ol style="list-style-type: none"> 1. Drain, flush and clean sump 2. Replace pads 3. Turn on pump before starting fan cooler is turned on

NOTE: Do not use cooler cleaners, cooler treatments, or other additives in this evaporative cooler. The use of any of these products will void your warranty and may impair the life of your evaporative cooler.