



Owner's Guide

Use and Care Manual

Model: SB5100

Customer Service

1-800-325-6952

- Safety
- Installation
- Start-up
- Operation
- Maintenance
- Troubleshooting



Congratulations: You have purchased a product of superior performance and design, which will give the best service when properly installed, operated and maintained. These coolers can be used as convenient, roll-around spot coolers.

This guide will provide you with information needed to assemble the unit for roll-around spot-cooling. It also contains information on how to safely operate, inspect, maintain and troubleshoot your Shop Blaster evaporative air cooler.

The first section, Assembly, contains instructions to prepare your cooler for roll-around portable service. The second section, Maintenance, contains operational and maintenance instructions to aid in keeping your unit in good working order, while Troubleshooting includes information to help diagnose and repair commonly encountered problems.

⚠ WARNING - TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before installation.
- This cooler must be connected to 120 Volt AC, 60 Hz (cycle) power only. NOTE: Improper voltage will void the pump and/or motor warranties and may cause serious personal injury or property damage.
- This cooler is **NOT** intended for outdoor use.
- Do **NOT** exceed a maximum weight of 50 pounds per drawer.
- Do **NOT** exceed a maximum total weight of 600 pounds including water and toolbox contents.
- Do **NOT** have more than one drawer open at a time, the unit may tip.
- When moving this unit ensure the water has been emptied and all drawers are closed and locked.
- Ensure the brakes on the two rear casters are engaged when the unit is not being moved.
- This cooler must be plugged into a GFCI protected receptacle, which has been properly installed in accordance with all local and national codes. If you are not sure that the receptacle is GFCI protected, consult with a qualified electrician.
- This cooler is equipped with a power cord having an equipment grounding conductor and grounding plug. Do not attempt to defeat this safety device by removing the grounding pin.
- Do **NOT** step on or roll over power cord with heavy or sharp objects. Do **NOT** operate if the plug or cord is damaged in any way. If the unit is damaged or malfunctions, do not continue to operate it.
- Always disconnect electrical power to unit before attempting to work on or service your cooler.
- Remove the plug from the electrical receptacle by pulling on the plug and not the cord.
- Do **NOT** operate with evaporative pad removed.

- Do **NOT** use this unit as a step stool or ladder. Do not sit or stand on this unit. **Serious risk of personal injury or property damage may occur.**
- Do **NOT** operate near open containers of flammable liquids or gases.
- Do **NOT** operate this blower (fan motor) with any solid-state speed control device.
- Do **NOT** operate this unit with pad frame(s) and/or air outlet grille removed, this may cause the fan motor to overload and damage the motor.
- Never wash your cooler cabinet with garden hose, water may harm motor and pump.
- Use of extension cord is not recommended.

NOTE:

- Do **NOT** use indoors on carpet or wood floor. Unit may leak water and could damage flooring or create a slip hazard.
- Do **NOT** locate or operate cooler near exhaust or vent pipes as odors or fumes may be drawn into unit.
- Your warranty does not cover shipping damage. Report all shipping damage at once to store making the delivery.
- For future reference, record the model and serial number, date and place of purchase of your evaporative cooler here:

THE USE OF ANODE DEVICES, CHEMICAL ADDITIVES, OR COOLER CLEANER TREATMENTS IN THIS COOLER WILL VOID THE WARRANTY.

Model # _____ Serial # _____

Date of Purchase: _____

Place of Purchase: _____

CAUTION: the use of anode devices, chemical additives or cooler cleaner treatments in this cooler will void the warranty.

INTRODUCTION

Your Shop Blaster evaporative air cooler was thoroughly tested and inspected before leaving the factory. This manual is your guide to economical, trouble free comfort cooling over the years with reasonable care and regular maintenance. Failure to follow these instructions may damage your cooler, impair its operation, and/or void the warranty.

Read it carefully.

PREPARATION

Unpacking the unit

Remove the pad frame by lifting up and pulling bottom lip outwards. The float kit bag is located in the cooler bottom pan. Remove the float kit bag from the cabinet. Float kit contains the following items:

1. Float valve assembly
2. Float bracket
3. Garden hose adapter
4. Overflow stand pipe
5. Drain Bushing Assembly
6. Brass cap

SET UP FOR USE

The Shop Blaster evaporative cooler may be filled manually with the fill door or automatically with the float valve and garden hose adapter.

To Install float valve and hose adapter. Attach the float valve to the cabinet as shown in figure 2. The garden hose adapter attaches to the brass inlet fitting on the float valve (**See figure 2**). **NOTE:** Verify that the hose washers are correctly in place before use.

Next install the overflow stand pipe and drain bushing. Attach the stand pipe, drain bushing, washer and brass cap in the hole in the drain pan in the order shown in **figure 3**. **NOTE:** Verify that the washer is correctly in place before use.

Water connection and float adjustment

Move cooler to desired location (must be a level area for proper operation of the cooler).

1. Connect water supply using a commercial grade water hose (not supplied with cooler, obtained separately) to the adapter on the float valve and turn water on low. **CAUTION:** water inlet pressure should be limited to a maximum of 65 PSI to avoid rupturing the water hose. If pressure exceeds this valve, an inline pressure regulator should be installed (obtainable from a local plumbing or hardware store).
2. Check that all connections are tight by visually inspecting hose, float valve, etc. for leakage.
3. Set float valve for a water depth of 2-1/2". The float is adjusted by lightly bending the float rod.
4. Do not insert garden hose into manual fill door; water may harm the pump and void the warranty.

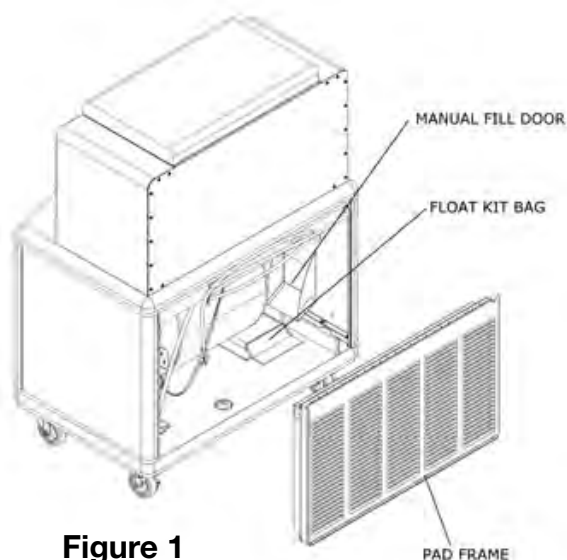


Figure 1

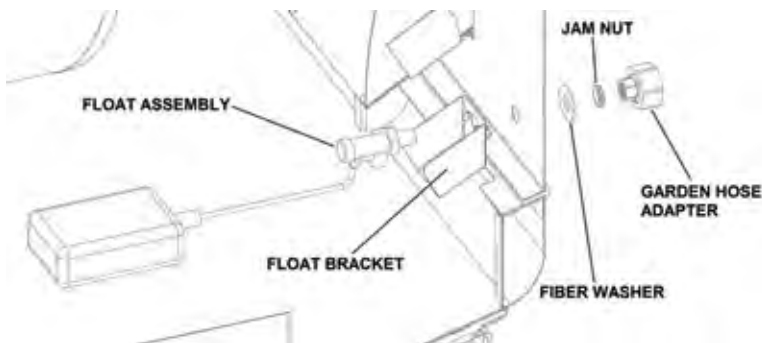


Figure 2

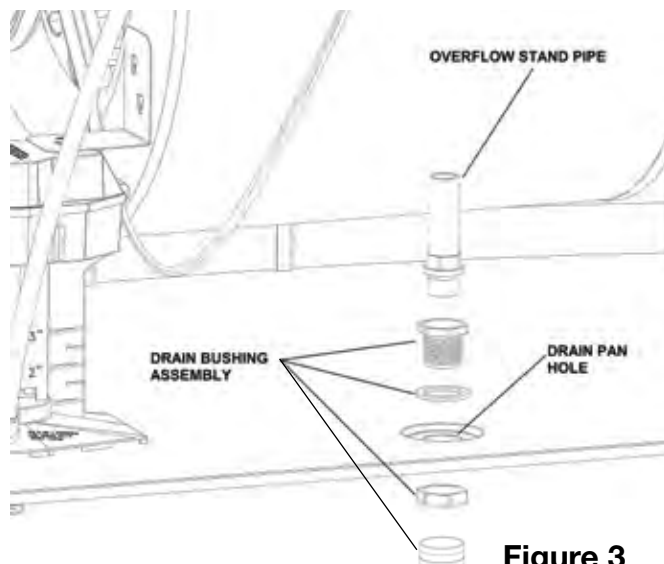


Figure 3

Motor and Blower check

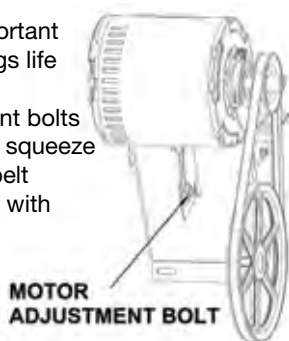
Remove the pad frame by slightly lifting it from the bottom, pull outwards until clear of cabinet bottom pan, then downwards until frame clears cabinet top. Check motor mounting to be sure all screws and nuts are tightened down properly. Rotate the blower by hand to see that it moves freely without rubbing against housing.

Belt Adjustment

Correct belt tension and alignment is important as it cuts power consumption and prolongs life of the belt and motor. When installing or adjusting belt, loosen the motor adjustment bolts and adjust for proper tension. Belt should squeeze inward approximately 1/2" to 3/4". Align belt vertically by centering motor pulley in-line with blower pulley.

Do **not** adjust motor sheave turns.

Warning: Adjusting sheave turns will void warranty.



Drawer liners

Install the included drawer liners to protect the finish on the inside of the drawers.

Electric Power

CAUTION:

- This cooler is designed for connection to 120 volt AC, 60 Hz (cycle) power only. **NOTE:** Improper voltage will void the pump and/or motor warranties and may cause serious personal injury or property damage.

- This cooler must be plugged into a GFCI protected receptacle, which has been properly installed in accordance with all local and national codes. If you are not sure that the receptacle is GFCI protected, consult with a qualified electrician.

- This cooler is equipped with a power cord having an equipment grounding conductor and grounding plug. **DO NOT** attempt to defeat this safety device by removing the grounding pin.

Cooler checkout and first time start-up

Congratulations your cooler is complete and ready for use. Please proceed to Pre-startup inspection checklist on before starting unit for the first time.

GENERAL INSPECTION

Pre-Start-up Inspection Checklist

- Cooler is on a level surface, casters locked to prevent unnecessary movement (prevent spillage).
- Power supply cord is plugged into a GFCI protected receptacle; cord is secure from accidental damage.
- Float valve installed.
- Water hose connected securely without leaks. Water faucet or supply is turned on.
- Float adjusted for proper water level.
- Pad frame correctly installed.
- Pump impeller turns freely. Remove impeller cover (see page 5 "Cleaning Pump") and check rotation.
- Fan, shaft, pulley and motor sheave set bolts/screws are snug.
- Motor sheave alignment okay; belt tension okay (see Belt Adjustment for instructions).

Start-up Checklist

CAUTION: Never operate unit with pad frame removed. This will result in an overloaded condition and may damage the fan motor. The motor and pump have an internal automatic thermal overload switch that will shut the motor and/or the pump off if it

overheats! The motor and/or pump can restart automatically when they cool down.

To verify and check out the cooler installation on initial startup, the following procedure should be followed.

- Push "PUMP" switch to ON position (pump on).
- Verify that pump starts and pads are evenly wet.
- Push "FAN" switch to LOW position (low speed on).
- Observe that motor starts and runs. Check high-speed function by turning "FAN" switch to HIGH (high speed on).

In case of trouble in any of these stages, refer to the Troubleshooting chart on page 9.

NOTE: When new, the glue in the media pad may emit an odor. Flushing the pad and draining the water prior to first use can reduce or eliminate the odor. Turn the pump on (do not turn on the fan) and run for approx. 30 minutes making sure the pad is soaked. Remove standpipe & cap and drain the water out of the cooler. Refill and run the pump again for another 30 minutes. The odor should diminish and go away. If not, drain and flush until the odor is gone.

Cabinet Inspection Checklist

After initial start-up and during periodic inspections, check for and/or observe the following: Refer to the Troubleshooting Chart on page 9 if necessary.

- Leaks from cabinet
- Observe cooler media for uneven wetting
- Confirm water level setting is correct.
- Verify full, even flow in water distribution system.
- Blower wheel / motor rotates freely, no unusual noises.
- Belt condition / tension / alignment.
- Check motor mounting and cabinet hardware.

Extended Shut-down (winterizing) checklist

Any time the unit will not be used for an extended period:

- Unplug the cooler power supply cord and secure it out of the way on the rear of the unit to avoid damage.
- Move cooler to the area appropriate to dump water.
- Remove drain bushing assembly as shown in **Figure 3**
- Drain all of the water out of the cooler when not used for prolonged periods, particularly at the end of the season (winter).

OPERATING INSTRUCTIONS

Guidelines and location

Always make sure that the roll-around unit is operated on a solid, level surface strong enough to hold its weight (Unit can weigh up to 600 lbs. when full). Make sure the two locking casters have been locked to prevent the cooler from accidentally moving while in use. Use caution when rolling the unit to avoid splashing or spilling of water. Always ensure all drawers are closed and locked prior to moving the unit. Unless the move is for a short distance, it is best to drain the unit, move it and then refill it in its new location. For best results:

- Turn pump on a few minutes before starting the fan, this allows the pads to pre-wet and avoids a blast of warm air.
- Turn pump off a few minutes before turning the fan off. This will allow the pads to dry out, helping to prevent stale or musty odors the next time the unit is started.
- Whenever possible, operate the fan on low speed for maximum cooling.
- When cooling is not required, you can operate this unit by turning on the fan only (leaving the pump turned off).

Controls

Rocker-type control switches are used to select the operating mode of the cooler. These switches control fan speed (FAN-HIGH/OFF/LOW) and the pump operation (PUMP-ON/OFF). To eliminate a rush of warm air when starting the cooler, be sure to turn the pump on for a few minutes before turning on the blower motor (FAN) in low or high speed.



CONTROL SWITCHES

Maintenance Schedule

Regular maintenance and periodic inspection is a key to long and successful service of your Shop Blaster Cooler. The cooler should be serviced at least once a year, or more often if required. For maximum efficiency, longer life and appearance, every two months during operation, the cooler should be inspected and cleaned. Drain water from the unit every 8-10 hours of operation to minimize scaling build up.

Note: Do Not Undercoat the Water Reservoir

Your cooler's water reservoir is finished with our Peblar XT® appliance-type finish. It is so hard that asphalt-type cooler undercoating will not stick to it. Undercoating will break free, clogging the pump and water distributor.

NOTE: Do not use cooler cleaners, cooler treatments or other chemical additives in this evaporative cooler. Use of any additives or water treatment will void your warranty and impair the life of the cooler.

Before starting any maintenance operation, read thoroughly all operating and maintenance instructions and observe all cautions and warnings.

CAUTION: Disconnect all electrical power to the cooler by removing plug from receptacle before attempting to install, open, or service your cooler.

Even while routinely inspecting or servicing the inside, the cooler can be accidentally started. Keep all personnel away from the cooler and electrical supply when you are working on it. Before servicing or cleaning unit, switch "COOL" and "FAN" to the OFF position and remove power cord from receptacle.

Convenience Outlet

A convenience outlet is located on the front of the unit. This outlet is protected by a 3 Amp circuit breaker located directly above the outlet. Do not attempt to plug in a device or combination of devices that will draw more than 3 amps total. If the circuit breaker is tripped, wait for the circuit breaker to reengage and then push the switch to reset.

Stereo Operation

When the Shop Blaster unit is plugged in the radio screen will display HI

If a USB device or SD card is present, the radio will default to the USB/SD mode, if no USB device or SD card is present, the radio will default to line in mode.



To increase volume, press and hold on the unit or on the remote.

To decrease volume press and hold on the unit or on the remote.

To mute the output press on the remote.

Press on the remote to cycle through the equalizer options.

Press the button on the radio or on the remote to switch between modes.

Available modes:

- Line In
- Bluetooth
- FM Radio
- USB/SD Card

To turn off the radio module press on the remote. Press again to turn the radio module back on. **Note:** It is recommended to unplug the entire ShopBlaster evaporative cooler unit if neither the radio nor the cooler are being used.

USB/SD Card Mode:



This unit will support up to a 32 GB SD card and a 16 GB USB flash drive.

The unit will automatically switch to this mode when an SD card or USB flash drive is connected.

Press and on the module or and to select the desired track.

Tracks can also be selected using the number pad on the remote.

Press on the module or on the remote to pause playback and press it again to resume playback.

Press to repeat the current song.

Press on the remote to stop playback.

Line-in Mode:



To use line in connect a device using a cord with a 3.5mm audio connector. Volume can still be adjusted through the module but all other controls need to be made on the connected device.

Bluetooth Mode:



Note: when using the Bluetooth mode ensure Wi-Fi is turned off on the connected device as Wi-Fi and Bluetooth can interfere when they are both running at the same time.

To connect to the radio module using Bluetooth, change the mode of the Bluetooth. Using the device you intend to connect search for Bluetooth devices. The name will be either BT-SPEAKER or ShopBlaster.

When a device is connected to the radio module, no other devices will be able to find the radio module.

Press and on the module or and to select the desired track.

Press on the module or on the remote to pause playback and press it again to resume playback.

FM Radio Mode:



FM radio station setup:

The radio unit can search for stations by pressing while in FM radio mode. This will set the available stations that the unit is able to receive and assign a number to each station.

Once the stations have been set, press or on the unit to cycle between the stations identified in the setting process.

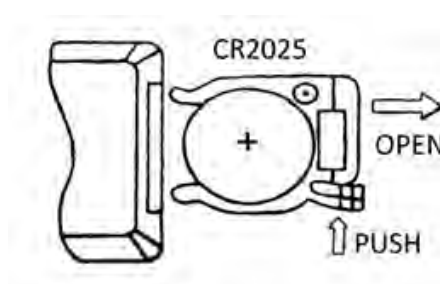
Stations can also be selected using the number pad on the remote. The selection can be made by either entering the number that was assigned to the station or by entering the frequency of the station.

EX: To select the station that was assigned position 12 enter 12 with the remote.

EX: To select 93.3 MHz enter 933 with the remote.

Remote Control Battery:

The remote control used a CR2025 battery.



Cleaning

CAUTION: Never wash your cooler cabinet with a garden hose; water may harm motor and pump. Motors damaged by water are NOT covered under warranty.

All foreign materials, scale, salt deposits, lime, etc. can and should be removed from bottom pan and other components. Your cooler's long lasting finish can be brought to like-new condition by using warm water and a soft cloth.

NOTE: Avoid using scouring pads, steel wool or wire brushes, as these will damage the finish and encourage corrosion.

Maintenance & Inspection

CAUTION: Disconnect all electrical power to the cooler by removing the plug from the receptacle before attempting to install, open, or service your cooler.

IMPORTANT: Before operating cooler at beginning of each cooling season, turn cooler motor and pump motor shafts by hand to make sure they turn freely. Failure to do so may result in burning out motor.

Periodic inspection of your cooler will enhance the chance for long, trouble-free service life. For maximum efficiency, every two months during operation, or any time the cooler is opened, the cooler should be inspected. Some suggested items:

- Check for leaks from pad frames, cabinet, etc.
- Are there any dry spots on the media when cooler is in operation?
- Are bolts, nuts and set screws snug?
- Is bearing making unusual noises?
- Does the blower wheel turn freely?
- Is float level set correctly?
- Is water in the bottom pan clean?
- Belt condition / tension / alignment?

Adjust Belt Tension

CAUTION: Disconnect all electrical power to the cooler and insure that belt is not rotating before adjusting belt tension.

Each time you inspect your cooler, be sure to check belt tension on motor/blower assembly. Check belt condition and replace it if frays or cracks appear. Check alignment of blower pulley with motor pulley to assure they are in a straight alignment with each other.

Cleaning Water Pump & Hose

CAUTION: Do not allow pump to fall over and become submerged; water will damage pump motor.

Clean water pump and hose assembly as follows:

1. Unplug pump cord, remove mounting bracket screw and remove pump from cooler. Shake gently to remove water.
2. To prevent breakage, carefully release and remove impeller base plate from the pump body.
3. Using a mild detergent solution and clean cloth, clean deposits from pump screen, around impeller and base plate.
4. Spin impeller to dislodge any foreign material.
5. Remove any foreign material in the adapter between the pump and hose, or between the hose and the water distributor assembly.



Draining

Drain the cooler cabinet (with power off) as follows:

1. Move cooler to the area appropriate to dump water.
2. Remove drain bushing assembly as shown in figure 3.
3. Drain, clean and dry reservoir.

Alternative draining options for units that will not be moved frequently:

1. Remove brass cap.
2. Attach suitable size hose and route it to the desired drain area.
3. Remove overflow standpipe assembly as shown in figure 3.
4. Drain every 8-10 hours of operation.

Touch-Up

The hardness, adhesion and smoothness of the internal and external finish on your cooler makes it extremely unlikely that scratches or chipping will occur. In the event that finish damage does occur, it should be promptly repaired by the following procedures:

1. Sand the area around bare metal spots.
2. Prime and paint with a quality paint.

Do not use asphalt type cooler undercoat material in water reservoir. Undercoat will break free, clogging the pump and water distributor.

LUBRICATION

Motor Bearings

Some motors used in Shop Blaster coolers have ports for lubricating the motor and are oiled at the factory. If the need for oiling is indicated, see the motor nameplate for specific instructions on re-lubricating the motor. Under normal use, these motors require oiling about every 12 months of operation. **Do Not Over-Oil.**

Blower Shaft Bearing

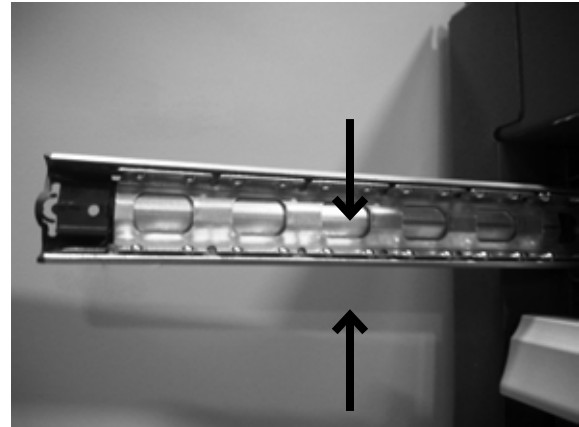
Blower shaft bearings need periodic lubrication. They should be checked 20-30 days after initial start-up of operation. The oil cups on the bearings should be filled with a good grade of SAE 20W or 30W non-detergent oil when necessary. Under normal use, oiling is required every three months of operation. **Do Not Over-Oil.**

Pump Bearings

The pump motor does not require lubrication.

Drawer Slides

Twice yearly, lubricate the drawer slides with grease or equivalent where shown below.



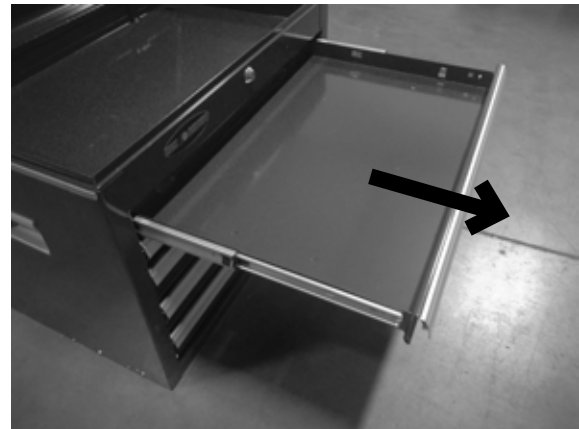
Toolbox Lock

Yearly, lubricate the lock with graphite.

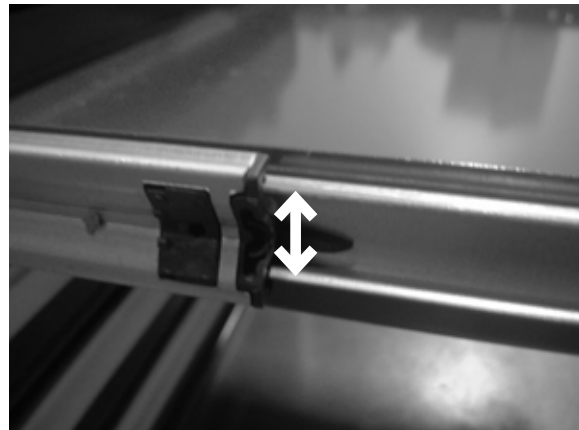
REMOVAL AND INSTALLATION OF DRAWERS

Removal of drawers

1. Empty and fully extend the drawer to be removed.

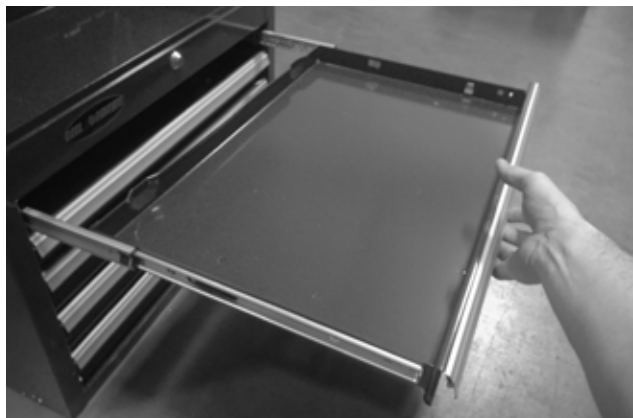


2. Push the levers on both sides up or down to release the section of the slide connected to the drawer from the section of the slide connected to the cabinet. Pull the drawer out to remove it from the cabinet.



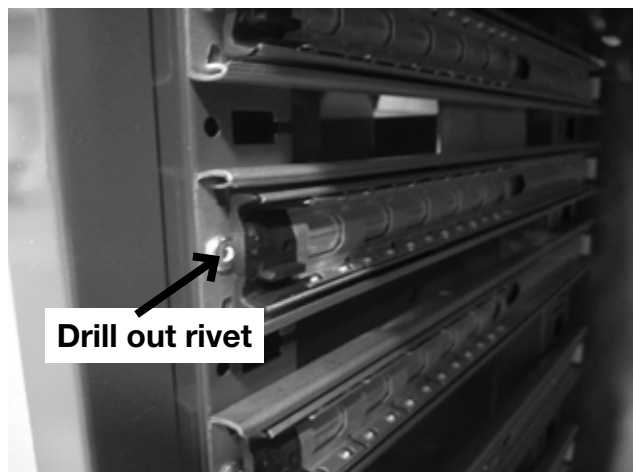
Drawer Installation

Pull slides in box to full extension. Align the slides in from the box with the slides on the drawer one at a time. Once both are aligned, push the drawer completely into the box.



Drawer Slide Removal

1. Remove the drawer.
2. Drill out rivets holding the slide on the box using a 5/32 inch drill bit.
3. Push slide towards the back of the box to remove.



Drawer Slide Installation

1. Position the slide in approximately the same vertical position as the previous slide was in.
2. Pull slide towards the front of the box.
3. Replace the rivet.

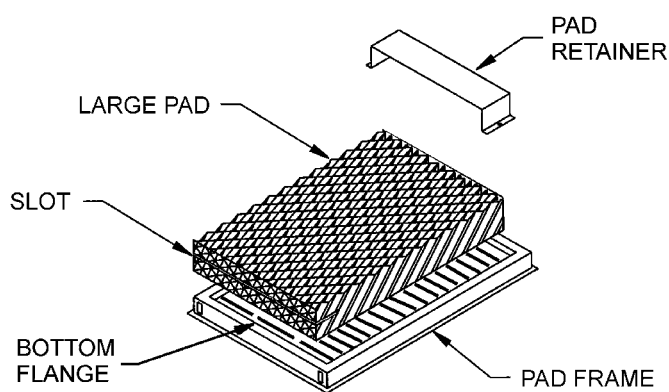
Cleaning or Replacing Media Pads

CAUTION: Disconnect all electrical power to the cooler before attempting to install, open, or service your cooler.

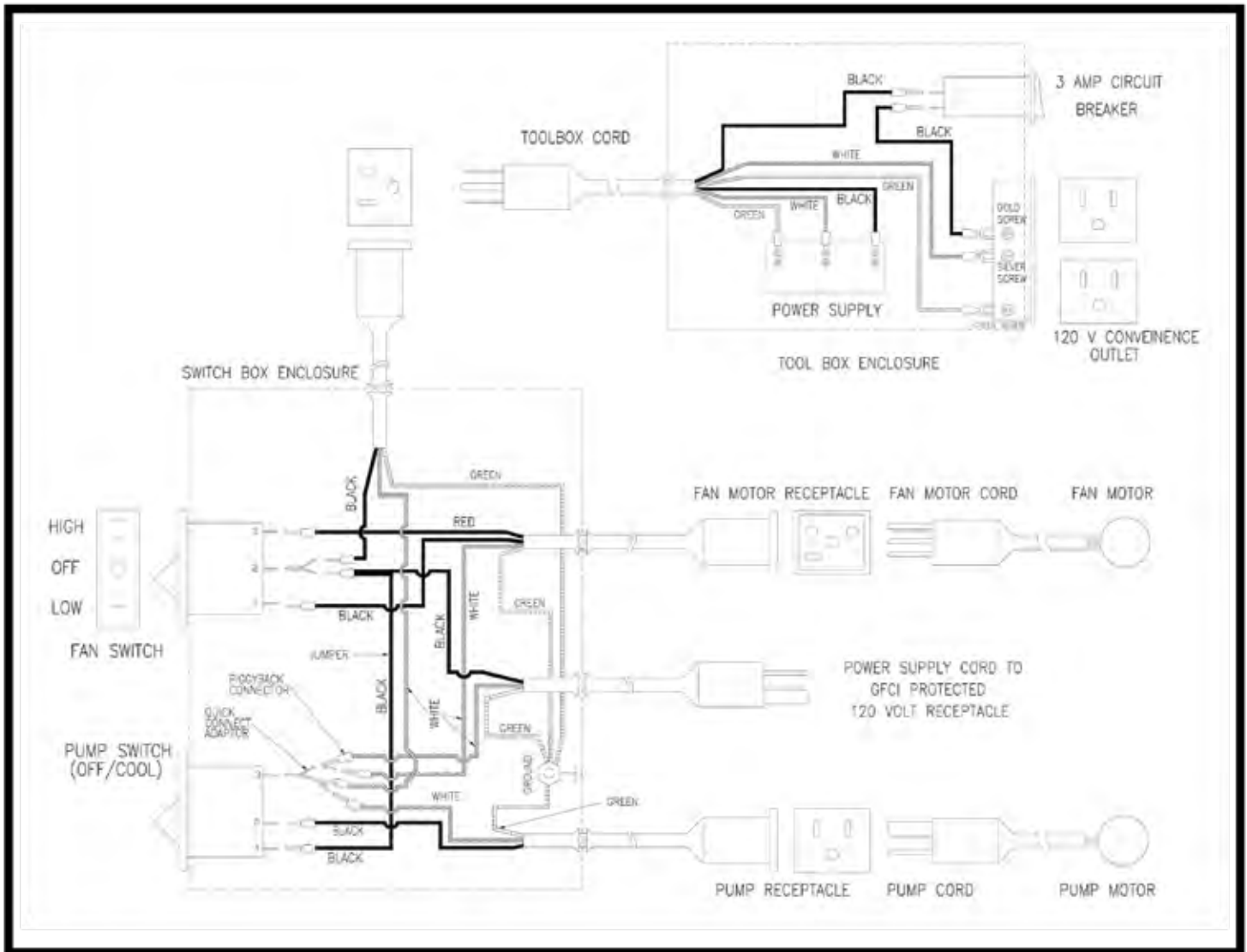
The condition of your cooler pads should be checked at least once a year; at the beginning of the season is best. However, your pads may need to be checked more frequently, depending on local air and water conditions. For instance, in areas where mineral content of the water is high or the air is dusty, deposits may build up in the cooler pads, restricting airflow. Clean or replace pads as follows:

1. Disconnect power from unit.
2. Remove pad frame assembly from cabinet.

3. Lay pad frame on smooth, flat surface with pad retainer up. observe the location / placement of the pad retainer. Remove retainer by sliding it out from under the pad frame flange. Carefully remove and discard old pad.
4. Using a mild detergent, wash dirt and scale from pad frame and rinse with fresh water. Check slots at top of pad frame to be sure they are open and clear. Wire brushing is not recommended. If finish is damaged or rusting is noted, repair area as noted in the "Touch-Up" section.
5. Place the slot in the end of the new pad over the bottom flange of the pad frame and push the pad down against the flange until it stops. Gently push the top of the pad into the pad frame. Slide the 1" thick pad on top of the large pad already in place. Replace the pad retainer by sliding the retainer under the pad frame flanges.
6. Pre-soak pad (this will help with the wetting of the pad on start-up). Reinstall pad frame assembly into unit.



WIRING DIAGRAM



TROUBLESHOOTING:

The following guide is intended to help you diagnose and fix some of the most commonly encountered problems; by no means does this guide cover all of the possible problems you may encounter. If you cannot diagnose and correct the problem, or if it persists, contact qualified service personnel. All electrical work should be done by, or with the help of, a qualified electrician.

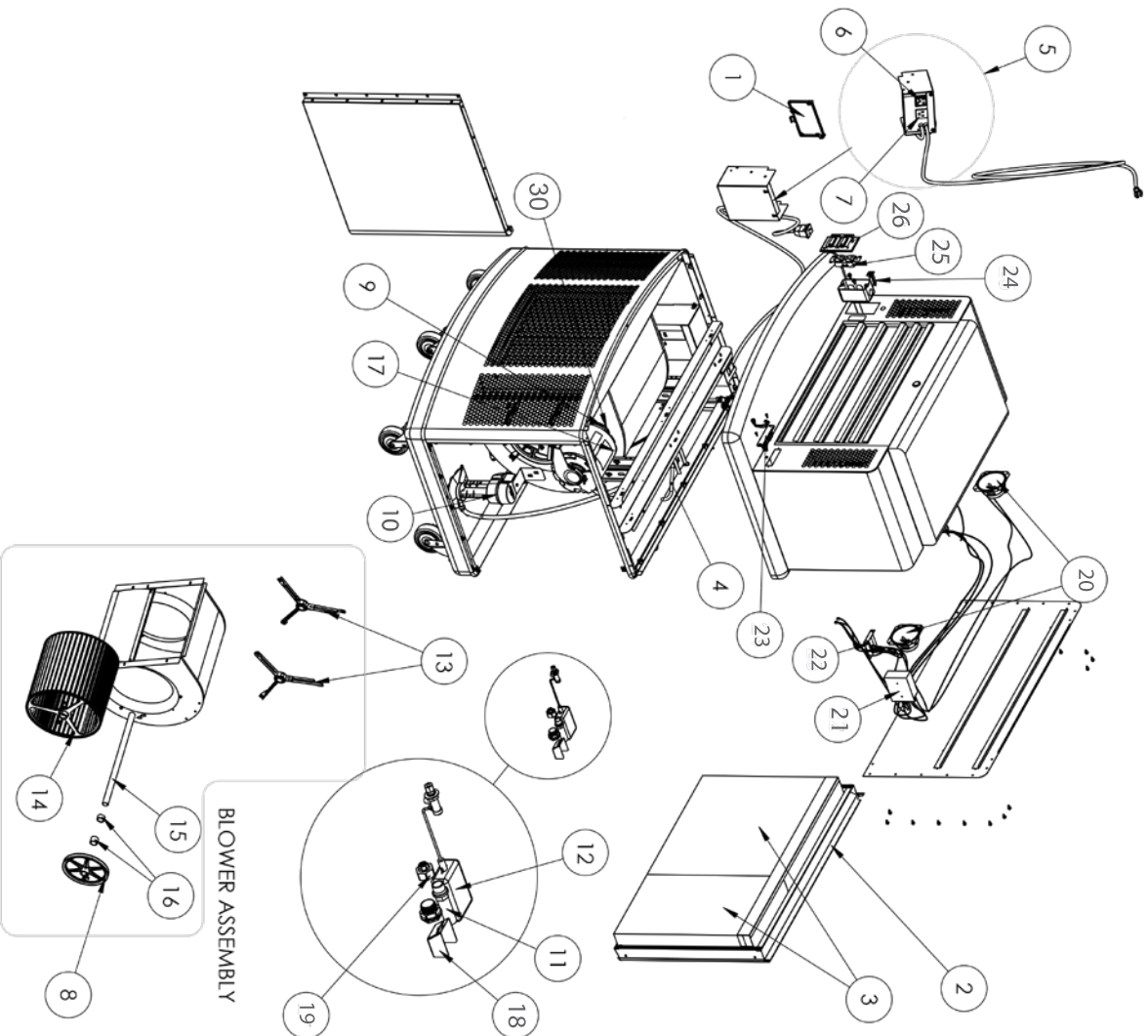
PROBLEMS / SYMPTOMS	POSSIBLE CAUSE	CORRECTIVE ACTION
Water draining from the unit	<ol style="list-style-type: none">1. Float valve out of adjustment2. Float movement obstructed3. Float valve non-functional	<ol style="list-style-type: none">1. Adjust float to 2-2-1/2" water depth.2. Free float from obstruction3. Replace float assembly
Dry Media	<ol style="list-style-type: none">1. Pump intake clogged2. Non-functional water pump3. Clogged water line4. Water distributor clogged5. Non-functional switch6. Non-functional wiring7. Water turned off to cooler8. Not enough water in sump	<ol style="list-style-type: none">1. Remove obstruction2. Replace water pump3. Locate and free obstruction4. Clear debris from water distributor5. Replace switch6. Repair or replace non-functional wiring7. Turn on water supply8. Add water
Motor does not start or no air delivery	<ol style="list-style-type: none">1. Electrical power disconnected2. Circuit breaker tripped or fuse blown3. Non-functional motor4. Non-functional switch5. Broken belt	<ol style="list-style-type: none">1. Check power receptacle and cord2. Determine cause and correct3. Replace motor4. Replace switch5. Replace belt
Inadequate air delivery	<ol style="list-style-type: none">1. Excessive belt tension2. Blower wheel loose on motor shaft3. Pads clogged	<ol style="list-style-type: none">1. Adjust belt tension2. Tighten wheel set screw3. Replace pads
Noisy operation	<ol style="list-style-type: none">1. Blower rubbing on housing2. Motor or blower mounting screws loose	<ol style="list-style-type: none">1. Reposition wheel2. Tighten screws
Musty or unpleasant odor	<ol style="list-style-type: none">1. Stale or stagnant water in cooler2. Media pads clogged or mildewed3. Media pads not completely wet before starting fan motor	<ol style="list-style-type: none">1. Drain, clean, and flush reservoir2. Replace media pads3. Turn pump ON for several minutes prior to starting cooler
Motor cycles on & off	<ol style="list-style-type: none">1. Low voltage2. Motor shaft tight or frozen3. Pad frame or air outlet grille removed	<ol style="list-style-type: none">1. Check voltage2. Replace motor3. Re-install pad frame or air outlet grille
No power at convience outlet	<ol style="list-style-type: none">1. Electrical power disconnected2. Circuit breaker on unit tripped	<ol style="list-style-type: none">1. Check power receptacle and cord2. Reset circuit breaker and ensure the max amp draw on the outlet is not being exceeded
Remote does not work	<ol style="list-style-type: none">1. Remote does not have line of sight to unit.2. Remote battery is dead	<ol style="list-style-type: none">1. Remove any obstructions in the way of the unit2. Replace the remote battery
Poor bluetooth reception	<ol style="list-style-type: none">1. Signal blocked by obstructions2. Interference from wifi	<ol style="list-style-type: none">1. Move unit2. Turn wifi off on the device that is connected to the unit

REPLACEMENT PARTS

When ordering replacement parts, always refer to the serial number and model number of your cooler. Use the part numbers listed in the accompanying parts list, as illustrated in the diagrams for your model.

SB5100 - Replacement Parts List

Item	Replacement Part	Part Number
1	Switch Box Cover	05-004-0003
2	Louver Panel Assembly	05-002-0437
3	3" Celdek Media (Set of 2)	05-002-0193
4	Water Distributor Assembly	05-006-0193
5	Switch Box	05-007-0174
6	120V Motor Receptical	05-007-0061
7	120V Pump Receptical	05-007-0060
8	Blower Pulley	05-003-0059
9	Belt	05-003-0219
10	Pump - 120V	05-006-0221
11	Brass Drain Bushing & Cap	05-006-0242
12	Float Valve Assembly	05-006-0001
13	Bearing Assembly (Set of 2)	05-003-0037
14	Blower Wheel	05-003-0034
15	Shaft	05-003-0001
16	Delrin Spacers (Pair)	05-003-0082
17	Motor 1/2 Hp, 120V	05-007-0175
18	Float Bracket	05-006-0186
19	Garden Hose Adapter	05-006-0264
20	Speaker	05-007-0176
21	Power Supply	05-007-0177
22	Amplifier	05-007-0178
23	Input Module	05-007-0179
24	Circuit Breaker	05-007-0180
25	Duplex Outlet	05-007-0181
26	Outlet Cover	05-007-0182
27	Radio Remote Control (not shown)	05-007-0183
28	Toolbox Key (not shown)	05-008-0003
29	Toolbox Drawer Slides (not shown)	05-008-0004
30	Motor Sheave	05-003-0152



Evaporative Cooler - Limited Warranty

Phoenix Manufacturing Inc., Phoenix Arizona, extends this limited warranty to the original purchaser of this evaporative cooler.

What this warranty covers and for how long:

FIVE YEAR COVERAGE Phoenix Manufacturing Inc will exchange the cabinet only should any water leakage occur through the base assembly due to rust out, or as a result of defect in material or workmanship during the first five years from the date of initial purchase.

THREE YEAR COVERAGE: applies to the fan motor if furnished by Phoenix Manufacturing Inc.

ONE YEAR COVERAGE: applies to all other components if furnished by Phoenix Manufacturing Inc. Phoenix Manufacturing Inc, at their discretion, will exchange or replace all components should they fail as a result of a defect in material or workmanship during the first year from date of initial purchase.

Media is a disposable item and has no warranty.

What this warranty does NOT cover:

PMI is not responsible for any damage or malfunction unless caused by a defect in material or workmanship. Determination of defects in materials or workmanship is at the sole discretion of PMI or its appointed representative.

DAMAGE OR MALFUNCTION, WHICH IS NOT COVERED BY THIS WARRANTY, INCLUDES, BUT IS NOT LIMITED TO:

✓ Pad media	✓ Abuse or misuse	✓ Worn belts	✓ Improper installation, maintenance or operation
✓ Water damage to motor	✓ Transportation damage	✓ Acts of God	✓ Damage caused from lifting cooler by the toolbox drawers

- Do not use anode devices, water from a water softener, cooler cleaners, cooler treatments or other additives in your cooler. The use of any of these products will void your warranty and may impair the life of your cooler.
- This warranty does NOT cover evaporative coolers installed and operated outside the continental United States.
- PMI does NOT pay the cost of a service call to the site or installation to diagnose the cause of trouble.
- PMI does NOT pay the cost of labor to install the part, or mileage allowance to or from the site.
- PMI does NOT pay the freight/postage on any exchange or replacement parts.
- This warranty does NOT cover any failure, damage, or defect that results from unauthorized modification or service, or from the use of products or replacement parts other than those from PMI, including, but not limited to motors and pumps.

To obtain service under this warranty:

Contact the dealer where you purchased your evaporative cooler. Include your name, phone number, address and zip code, the model and serial number of your evaporative cooler, **a copy of your proof of purchase**, date of installation and a description of your problem.

If you are not able to locate your dealer, or in case of unsatisfactory warranty service from your dealer, please write the Warranty Department, PMI, 3655 E. Roeser Road, Phoenix, Arizona, 85040. Include your name, phone number, address and zip code, the servicing dealer involved, the model and serial number of your evaporative cooler, **a copy of your proof of purchase**, date of installation, and a description of your problem.

Replacement Parts:

All PMI replacement parts carry a 90-day warranty from date of purchase (or balance of original warranty, whichever is greater).

This warranty is the only warranty extended by PMI to consumer purchasers of evaporative coolers. PMI disclaims all other warranties, expressed or implied, that arise by the operation of the law, except that implied warranties of merchantability or fitness for a particular purpose are limited to the duration of the expressed limited warranty period. PMI shall not be liable to any incidental or consequential damages, above the limitations or exclusions stated above which may have resulted from any alleged breach of warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, the limitations or exclusions stated above may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Garantía Limitada – Enfriador Evaporativo

Phoenix Manufacturing Inc., Phoenix, Arizona, extiende esta garantía limitada al comprador original de este enfriador evaporativo.

What this warranty covers and for how long:

Cobertura de cinco años Phoenix Manufacturing Inc intercambiará el gabinete, si es que fugas de agua ocurran a través del fondo debido a oxidación, como resultado de material defectuoso o de mano de obra durante los primeros cinco años de la fecha de su compra inicial.

Cobertura de tres años se aplica a motor de ventilador si propoeccionado por PMI.

Cobertura de un año se aplica a todos los componentes si fue proporcionado por PMI. PMI a su discreción, intercambiará o reemplazará, todos los componentes si es que fallan como resultado de defectos en material o mano de obra durante el primer año de la fecha de su compra inicial.

Paja es un articulo desechable y no tiene garantía.

Lo que NO cubre esta garantía:

PMI no es responsable por ningún daño o mal funcionamiento al menos que sea causado por defectos de material o mano de obra. Determinación de defectos de material o mano de obra es solamente a la discreción de PMI o su representante designado.

DAÑOS DEBIDO A MAL FUNCIONAMIENTO QUE CUBRE ESTA GARANTIA INCLUYEN, PERO NO SE LIMITAN A:

✓ Filtros (paja)	✓ Abuso o mal uso	✓ Bandas gastadas	✓ Impropia instalación, mantenimiento, u operación
✓ Daño de agua al motor	✓ Daños de transportación	✓ Actos de Dios	

- No use dispositivos de ánodos, agua de un sistema de agua blanda, limpiadores para enfriador, tratamientos para enfriador, u otros aditivos en su enfriador. El uso de cualquiera de estos productos anulará la garantía y posiblemente acortar la vida de su enfriador.
- Esta garantía no cubre enfriadores instalados y operados fuera del continente de los Estados Unidos.
- PMI NO paga el costo de llamada de servicio a la instalación para diagnosticar la causa del problema.
- PMI NO paga el costo de labor para instalar la parte, o el costo del millaje hacia o del lugar.
- PMI NO paga por el costo de flete/postal o cualquier intercambio o reemplazo de partes.
- Esta garantía NO cubre ninguna falla daño, o defecto que resulte por modificación no autorizada o servicio, o por el uso de productos o partes de reemplazo que no sean de PMI incluyendo, pero no limitado a motores y bombas.

Para obtener servicio bajo esta garantía:

Contacte su proveedor en donde compró su enfriador. Incluya su nombre, número de teléfono, dirección y zona postal, el modelo y número de serie de su enfriador evaporativo, **una copia de prueba de compra**, fecha de instalación y descripción del problema.

Si no puede localizar su proveedor, o en caso de servicio de garantía insatisfactorio, favor de escribir Departamento de garantía, PMI, 3655 E. Roeser Road, Phoenix, Arizona, 85040. Incluya su nombre, número de teléfono, dirección y zona postal, el taller de servicio envuelto, el modelo y número de serie de su enfriador evaporativo, **una copia de prueba de compra**, fecha de instalación y descripción del problema.

Partes de reemplazo:

ATodos las partes de reemplazo de PMI cuentan con una garantía de 90 días desde la fecha de su compra (o el balance de la garantía original lo que sea más).

Esta es la única garantía extendida por PMI al consumidor que compra enfriadores por evaporación. PMI desconoce todas otras garantías, expresadas, que surjan por la operación de la ley, excepto que garantías implicadas de comerciabilidad o conveniencia para un propósito particular son limitadas a la duración del limitado periodo de garantía expresado. PMI no deberá ser responsable por daños incidentales o consecuentes, las limitaciones o exclusiones declaradas arriba que posiblemente hayan resultado de cualquier declaración de garantía rota.Algunos estados no permiten limitaciones en que tanto el contenido de una garantía dure o la exclusión o limitación de daños incidentales o consecuentes, las limitaciones o exclusiones indicadas arriba es posible que no se la aplique a usted. Esta garantía le da a usted derechos específicos legales, y es posible que usted tenga otros derechos que varían de un estado a otro.