

OWNER'S GUIDE

USE AND CARE MANUAL

WINDOW COOLER MODEL

WH2906 & HE2913

For Customer Assistance
CALL 1-800-325-6952

DO NOT RETURN TO PLACE OF PURCHASE!

- * Safety
- * Operation
- * Installation
- * Maintenance
- * Start-up
- * Trouble Shooting

**READ AND SAVE THESE
IMPORTANT SAFETY INSTRUCTIONS**

Congratulations: You have purchased a product of superior performance and design, which will give the best service when properly installed, operated and maintained.

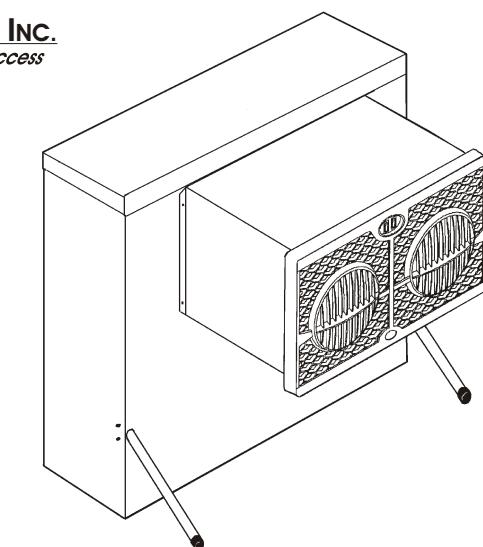
This guide will provide you with information needed to mount, operate, inspect, maintain, and troubleshoot your window evaporative air cooler.

The first section, Installation and Start-Up, gives details for installation. The second section, Maintenance, contains operational and maintenance instructions, while Troubleshooting includes information on commonly encountered problems.

INSTALLER: Please deliver this guide to owner.

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING.

- 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 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.
- Use of an extension cord is not recommended.
- Do not operate if 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.
- Pump water tube has a restricting orifice to assure proper water flow rate to the pad. Do not remove this restrictor!



INTRODUCTION

This manual is your guide to proper installation procedures along with information about reasonable care and maintenance that will ensure safe, economical and trouble free cooling. Failure to follow these instructions may damage your cooler, impair its operation, create the potential for serious personal injury and/or void the warranty.

A Note About Air Exhausting/Maximum Cooling

Since coolers function best when there are plenty of openings for the air to exhaust, you can leave doors or windows open so your house can breathe. To get the maximum capacity of your cooler, and to help keep insects, dust, dirt, etc out of the cooled space, the house should be maintained at a slightly positive air pressure (there should be slightly more air going into the house than is leaving). This is controlled by how much the windows or doors are opened.

How much should you open your windows or doors? You should adjust your openings until the air pressure inside the house is nearly balanced with the air outside. A good method to determine when the air is reasonably balanced is to place a tissue paper against the screen in the window or door farthest from the cooler and adjust the other openings in the house until the tissue paper stays lightly on the screen. You can adjust different windows in the house to direct the most airflow to the areas that are occupied during different times of the day or night (example: living room windows during the daytime, bedroom windows at night.)

INSTALLATION

Carefully read the contents of this manual and review the drawings of the cooler (Fig. 1 & 2) to familiarize yourself with the various parts before beginning the installation process.

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

Even while routinely inspecting or servicing the inside, the cooler can be accidentally started. Keep people and pets away from the cooler and electrical supply when you are working on it. Before opening, servicing or cleaning the unit, unplug the unit from the wall receptacle and take steps to ensure that the cord cannot be plugged back in and the cooler turned on accidentally. Do not plug power cord into the wall receptacle until installation or service work is complete.

Before attempting to install the cooler, confirm that the following preparations have been made:

- This cooler must be plugged into a 120 Volt GFCI (Ground Fault Circuit Interrupter) protected receptacle. If you are not sure that the receptacle is GFCI protected, consult with a qualified electrician. This receptacle should be located within 5 feet of the window opening (cooler power cord is 6 feet long, use of extension cords is not recommended).
 - Install cooler in a window where only fresh outside air can enter. Avoid installing the cooler in an area where the free air movement around and into the cooler is restricted or locations where obnoxious odors or fumes may be drawn into cooler from vent pipes, kitchen exhausts, etc.
 - Verify that the supporting surface is strong enough to bear the weight of the cooler when in use. This unit will weigh approximately 100 pounds when operating at full capacity.
 - Verify that the supporting surface is level in all directions.

Mounting the Cooler

Installation normally involves locating the unit in a suitable window and using the included chain mounting kit or the construction of a platform or stand to support the weight of the cooler. Since every installation is different, the exact requirements to mount and seal a cooler against the weather will be best determined by the location and the time of the installation. Most installations will require blocking of the unused portion of the window around the duct, or other modifications to the window frame may be necessary. See illustration (Fig. 2) for a typical installation.

Chain mounting:

- Remove pad frame from cooler.
 - Position the cooler so that the duct rests on the window sill and the grille angle flanges are inside the window opening. Using a adjustable wrench, adjust the legs firmly against the wall to level the cooler and to hold it in place.
 - Attach the 2 screw hooks to the top of the outside window frame. Attach one end of each chain onto each hook.
 - Insert "S" hooks into holes in the top rear corner of the cabinet, using the hooks to pierce the vinyl hole cover (2 places).
 - Connect the "S" hooks to the chain so the cooler is level.

Shelf or stand mounting:

- Construct a platform or stand below the window, strong enough to support the weight of the cooler (approximately 100 pounds).
 - Make the platform or stand mounting surface so that the height is 11 5/8" below the resting point of the cooler duct on the window sill.
 - Remove pad frame assembly from cooler.
 - Position the cooler so that the duct rests on the window sill and the grille flanges are inside the window frame. Using a adjustable wrench, adjust the legs firmly against the wall to hold cooler in place. **DO NOT drive nails or screws through bottom pan into mounting surface, this will void the warranty.**

Lower the window to rest on the top of the duct (vertically hung windows) or slide window closed against side of duct (horizontal slider windows). Block any remaining unused portion of the window opening with a suitable blocking material (Plexiglas, solid plastic sheet, solid wood panel, etc.). It will be necessary to seal any joints around the duct to prevent entry of rain, dust/dirt, insects, etc. Any good quality caulking or foam tape will work.

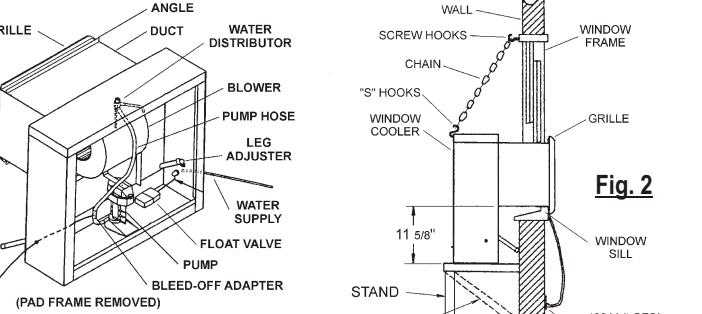
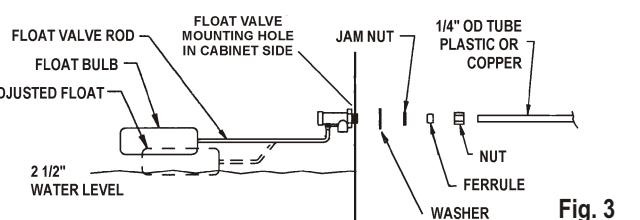
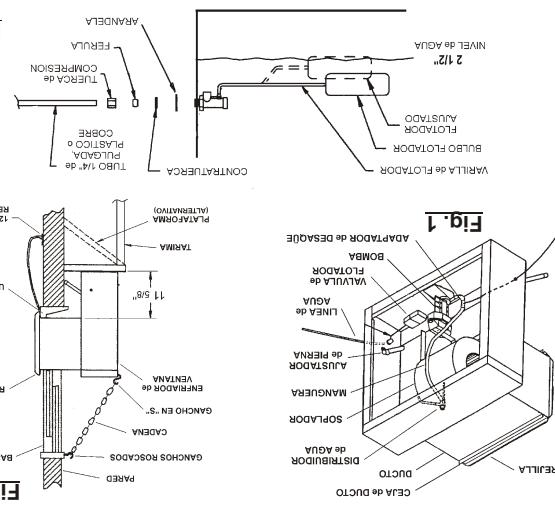
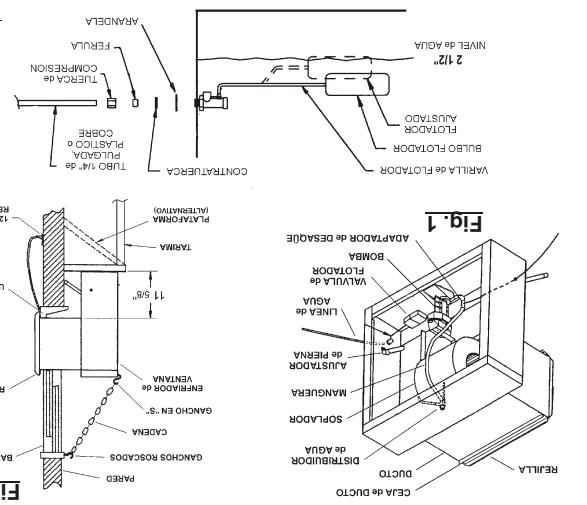


Fig. 1



q. 3



- Fabequie la superficie de la plataforma o tarima de tal madera que es altaura sea de 1 1/8", debajo de el punto de descanso del ducto en el marco de la ventana.
- Sigue el enfitador de tal madera que el ducto descanse en el marco.
- Remueva el filtro del enfitador.
- Si la ventana y las celadas de la rejilla estan dentro del armazon de la ventana. Usando una llave ajustable, ajuste las plomas firmemente en contra de la pared para detener el enfitador en su lugar. **No** clave clavos o tornillos a traves del fondo y la superficie en que al ventanas que cuelgan verticalmente) o ventanas que se deslizan (en ventanas que cuelgan horizontalmente).
- Cierre la ventana para que descansen sobre la parte superior del ducto al lado del ducto (ventanas que se deslizan hacia los lados). Bloquee la abertura restante de la ventana con un material apropiado para el caso (plexiglas, hoja solidia de plastico, panel soldado de madera, etc.). Será necesario sellar cualquier union alrededor del ducto para prevenir la entrada de la lluvia, polvo/arena, insectos, etc. Cuadrigueras de buena calidad o cinta serviría para el propósito.

- Remuevía el filtro del enfriador.
 - Sitúa el enfriador de tal manera que el ducto descansé en el umbral de la ventana y los angulos rejlillas cejas estén dentro de la avertura de la ventana. Usando una llave ajustable, ajuste firmemente las piezas en contra de la pared para nivelar y detener el enfriador en su lugar.
 - Atonmilla los 2 ganchos rosados en el macro superior afuera de la ventana. Engancho el extremo de cada cadena a cada gancho.
 - Cogodue los 2 ganchos en "S" en los agujeros de la parte superior trasera del gabinete en ambos lados usando el gancho agujerar las cuerdas de vinilo.
 - Conecte los ganchos en "S" a la cadena de tal manera que el enfriador quede nivelado.
 - Montado en plataforma o tarima.
 - Construya la plataforma o tarima debajo de la ventana, lo suficiente para soportar el peso del enfriador (aproximadamente 100 libras).

La instalación normalmente envuelve el situar la unidad en una ventana apropiada y usando el juego de cadena incluido o la construcción de una plataforma o tarima para soportar el peso del entarador. Ya que cada instalación es diferente, los requerimientos exactos para montar el entarador en contra del clima serán determinados por el sitio y sellar el entarador en su lugar. La mayoría de las instalaciones requieren el cerrar la parte sin uso alrededor de la abertura. Unas modificaciones adicionales se necesitan para instalar la puerta en la abertura.

Montando el enfriador

INTRODUCCIÓN

MAINTENANCE SCHEDULE

Regular maintenance and periodic inspection is the key to long and successful service from your cooler. The cooler should receive major servicing at least once a year, more often if conditions require (dusty environment, constant use, poor water quality, etc.) For maximum cooling efficiency, long life and appearance, every two months during operation, the cooler should be inspected and cleaned.

NOTE: Do Not Undercoat the Water Reservoir

Your cooler's water reservoir is finished with our Pebilar XT® appliance-type finish. It is so hard that asphalt-type cooler water pan under-coatings will not stick to it. Undercoating will break free, clogging the pump and water distribution system.

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

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

Cleaning

CAUTION: Never wash your cooler cabinet with a garden hose; water may harm motor and pump or seep inside the house through the window duct. Motors damaged by water are NOT covered under warranty.

All foreign materials, mineral scale, hard water deposits, dirt, etc. should be removed from pad frame, water 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

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

For maximum efficiency, every two months during operation, or any time the cooler is opened, the cooler should be inspected. Some suggested items to look for:

- ✓ Check for leaks from pad frames, cabinet, etc.
- ✓ Any dry spots or streaks on pads when pump is operating?
- ✓ Are the bearings, etc., making any unusual noises?
- ✓ Does the blower wheel turn freely?
- ✓ Is float level set correctly?

Draining

Drain the cooler for cleaning or at the end of the season as follows:

- Push "COOL" and "FAN" switches to the "OFF" position. Turn off water supply to cooler.
- Remove the pad frame assembly and disconnect the pump hose from the water distributor (located at the inside top of the cooler). Place end of hose outside of unit for draining, keeping in mind the amount of water to be discharged.
- Turn cooler pump on by pushing "COOL" switch to the "ON" position, pumping water out of cooler pan. Switch pump "OFF" when no more water can be pumped out. Unplug cooler power supply cord from wall receptacle.
- Remove any remaining water with a sponge or rag.
- Replace hose on water distributor, reinstall pad frame assembly into cooler.

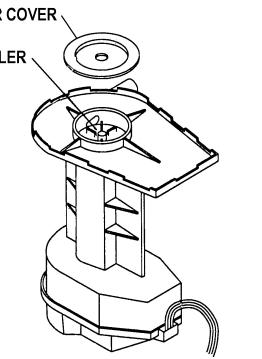
Cleaning Water Pump & Hose

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

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

Clean water pump and hose assembly as follows:

- Unplug power supply cord from wall receptacle, remove pump mounting bracket screw and gently lift pump from cooler. Shake gently to remove water.
- To prevent breakage, carefully release the snap-out impeller cover plate and remove cover plate from the pump body.
- Using a mild detergent solution and a soft cloth, clean deposits from screen, around impeller and cover plate. Spin impeller to dislodge any remaining foreign material.
- Remove any foreign material in the hose adapter (between the pump and hose), or between the hose and the water distributor assembly.
- Rinse and reinstall impeller cover plate.
- Reinstall pump and reconnect power cord.



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

Blower Motor and Pump Motor Bearings

The blower and pump motor bearings do not require lubrication.

Grille Cover

Model HE2913 is supplied with a grille cover. This cover is used during periods of non-use or for winterizing your cooler.

Flexible tabs on each side hold the cover in place over grille. Pull side tabs out and forward to install or to remove cover from grille.

Winter Shut Down

- Always drain all of the water out of the cooler and water supply line when not in use for prolonged periods, and particularly at the end of the season. Keep the water line disconnected from both the cooler and the water supply so it does not freeze.

- Disconnect power from cooler during extended periods of non-use.

REPLACEMENT PARTS

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

Quando ordene partes de reemplazo, siempre referese al modelo que comparten la misma serie de partes, como es la ilustrada en los diagramas del modelo.

REEMPLAZO DE PARTES

- Discarrete el filtro de la fuente durante largos períodos de uso.
- Siempre vacíe toda el agua del enfriador de la tubería cuando no use el sistema por períodos prolongados, ya particularmente en el verano.

Agregado de invierno:

Jale las lengüetas hacia fuera y adelante para instalar o remover la cubierta flexible en ambos lados asegurando la cubierta a la parilla. Lengüetas flexibles en ambos lados se apagado de invierno.

Modelo HE2913 viene provisto con una cubierta de repuesto. La cubierta se usa durante períodos de uso o apagado de invierno.

Cubierta de Parilla

Las cubiertas están permanentemente lubrificadas.

CHUMACERAS DEL MOTOR DE LA TURBINA Y LA BOMBA

No use compuestos de asfalto en el deposito de agua ya que se separa, tapando la bomba y el distribuidor de agua.

1. Use el área alrededor de las partes de metal desgastadas.
2. Use pintura de fondo y pintura de buena calidad.

Siempre use spray de sigüenras para reparar los desperfectos.

La duraza, adhesión y suavidad del acabado interno en su envase o se pelle. En un evento que sea extremadamente improbable que la pintura se raspe o se quile, limpie el área de desperfectos.

RETROCAR

- Reinstate la bomba y encufe el cordón de enfriador.
- Encague el impulsor de la bomba y el distribuidor de agua.

• Remueve la cubierta de la adaptador y la base.

• Limpie el impulsor del deposito del adaptador de la bomba.

• Usando una solución de la base del impulsor y remueve la placa de la base de la bomba.

• Para prevenir que se quebre, con cuidado agua.

• Desenrolle la manguera para moverla del adaptador.

• La bomba y el impulsor se despegan y se soltará, tapando la bomba y el distribuidor.

• Desenrolle el tornillo de la bomba y el impulsor.

• Para reparar la bomba y el impulsor.

• Desconecte la corriente eléctrica del enfriador antes de intentar instalar, abrir, o darle servicio a su enfriador.

LIMPIEZA DE LA BOMBA Y MANGUERA

- Use el agua que sale de la bomba para lavar el enfriador, fijandose en la parte de arriba del enfriador, descargando el agua en la parte de abajo del enfriador.
- Remueva cualquier sobrante de agua con una espuma o trapo.
- El cordón de suministro del receptor este vacío. Desenchufe del depósito, en "OFF", cuando el depósito esté vacío.
- Ponga el interruptor "COOL" en "ON" para borrar el agua que se va aclarar.
- La cantidad de agua que se va aclarar.

Vacié el depósito para la limpieza a final de cada temporada como sigue:

- Ponga el interruptor "COOL" en "OFF". Cierre el suministro de agua al enfriador.
- Remueva el filtro y desconecte la manguera en el lado del enfriador.
- Vacíe el depósito para la limpieza a final de cada temporada.

• ¿La tubina gira libremente?

- ¿Revise por goteras del filtro, gabinete, etc.
- ¿Encuentra puntos secos en la pieza cuando se opera el enfriador?
- ¿Sonidos extraños en las chumaceras o motores?

inspección. Algunas sugerencias:

- Inspección periódica de su enfriador puede realzar la vida libre de problemas de este. Para máxima eficiencia, cada dos meses durante operación, o en cualquier ocasión que habrá el enfriador, lo debe vaciar y limpiarlo.
- Motor quemado. Antes de operar el enfriador al aire libre de turbina y el eje de la bomba con la mano para asegurarse que el motor quemado.

MANTENIMIENTO E INSPECCIÓN

- NOTA: Evite estropajos, estropejos o brochas de alambre, estos dañaran el acabado estimulado la corrosión.
- La tubina y el eje de la bomba con la mano para revisar si el enfriador tiene un problema de rotura.

Materiales extraños, sarro, depósitos de sal, minerales etc. Deben de ser removidos de las rejillas del filtro, fondo, y otros componentes. El agua que fluye por el travesal de la casa a través del motor de la bomba o de jardín, el agua puede dañar la garantía.

PRECAUCIÓN: Nunca lave su enfriador con manguera de jardin, Eli agua puede dañar el motor y la bomba o destruir la tubería.

LIMPIEZA

- Detalleadamente todas las instrucciones de mantenimiento, lea y observe todas las precauciones y advertencias.
- Garantía perderá la vida del enfriador.

NOTA: No use limpiadores para el agua u otro que sea sangrado animal o otro aditivo químico en este enfriador. Eli uso de aditivos o tratamientos para el agua no se pegará al fondo.

Eli depósito de agua tiene un accionamiento neumático. La bomba y el impulsor se despegan y se soltará, tapando la bomba y el distribuidor.

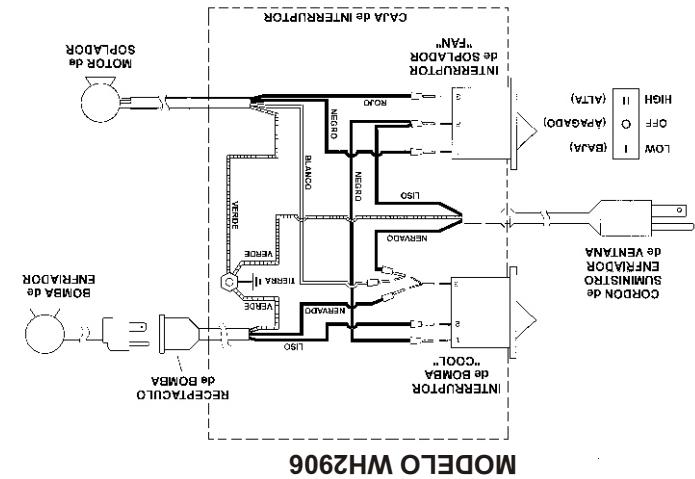
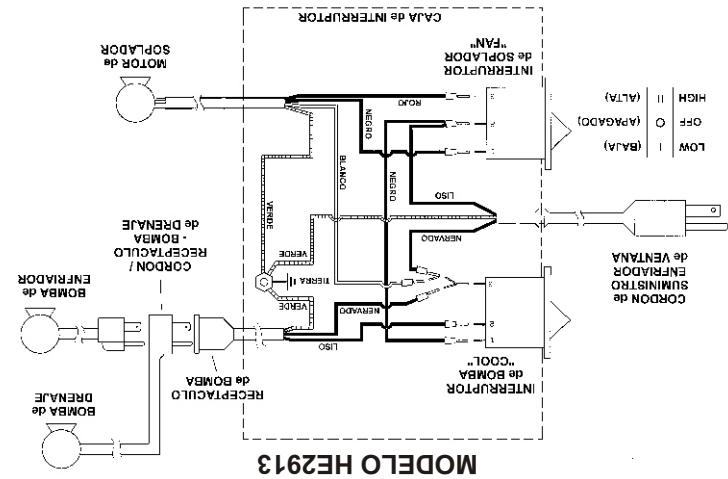
• La bomba y el impulsor se despegan y se soltará, tapando la bomba y el distribuidor.

• Mantenga el impulsor y el impulsor de la bomba y el impulsor de la bomba y el impulsor.

• Servicio y reparación de su enfriador.

• Mantenga el impulsor y el impulsor de la bomba y el impulsor de la bomba y el impulsor.

LISTA DE MANTENIMIENTO



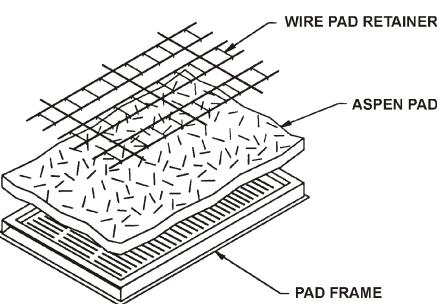
Changing Cooler Pad (Model WH2906)

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

Your cooler pad should be changed at least twice a year... at the beginning of and midway through a season. However, your pad may need to be changed more frequently, depending on local air and water conditions. For instance, in areas where mineral content of the water is high, deposits may build up in the cooler pad, restricting airflow.

Replace pad as follows:

- Remove pad frame assembly from cabinet.
- Remove pad retainer from frame, using caution as retainer can spring back. Carefully remove all aspen from pad frame. Remove and discard old pad.

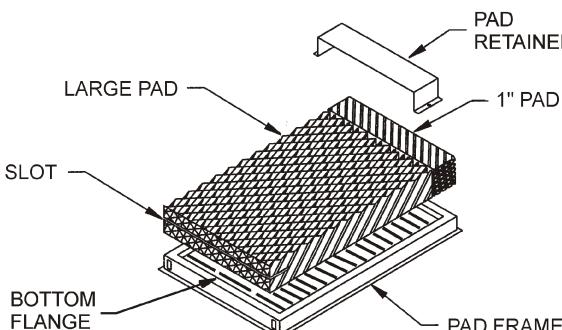


Changing Cooler Pad (Model HE2913)

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

The condition of your cooler pad should be checked at least once a year; at the beginning of the season is best. However, your pad 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 pad, restricting airflow. Clean or replace pad as follows:

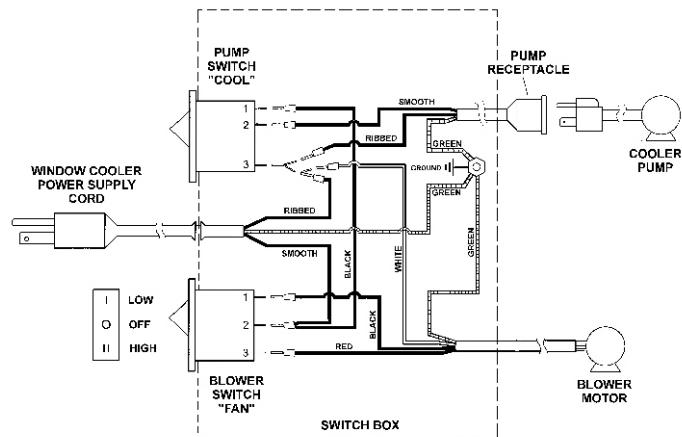
- Remove pad frame assembly from cabinet.
- Lay pad frame on smooth, flat surface with pad retainer up. Observe the location / placement of the pad retainer. Remove retainer by sliding it out from under the pad frame flange. Carefully remove and discard old pad.



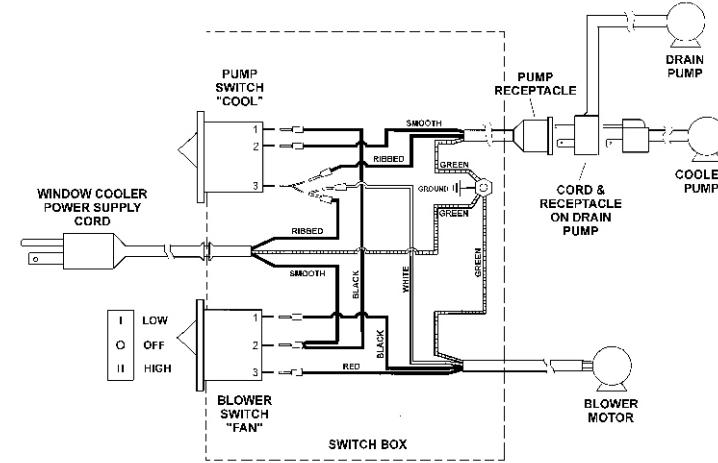
- Using a mild detergent, wash dirt and scale from pad frame and rinse with fresh water. Wire brushing is not recommended. If finish is damaged or rusting is noted, repair area as noted in the "Touch-Up" section.
- Lay new pad in frame, starting at trough end, making sure pad is snug against trough and outer edges with no air spaces. Pad must completely fill frame (no gaps) or hot air may enter building.
- Pad thickness should be uniform across the frame.
- Replace pad retainer and lock under edge of frame. Sharp points must be buried into pad (they hold pad in place and prevent sagging).
- Pre-soak pad and check for air gaps along edges, reinstall pad frame assembly into unit.

WIRING DIAGRAM

MODEL WH2906



MODEL HE2913



PRECAUCIÓN: Desconecte toda la corriente eléctrica del entifriador antes de intentar instalar, abrir, o darle servicio a su entifriador.

Cambiando el filtro (Modelo HE2913)

Los filtros de su entifriador se deben revisar una vez por año....de preferencia al principio de la temporada. O cuando los filtros requieren reemplazo más frecuentemente, de acuerdo con el tipo y las condiciones del agua local. Por ejemplo, en áreas donde el contenido de minerales del agua es alto, depósitos se acumulan en el filtro, restringiendo el flujo del aire. Reemplace los filtros como sigue:

- Retire el filtro del gabinete.
- Coloque el filtro nuevo en una superficie desechable elástica del亚马逊 (Amazon) para el reemplazo de los filtros de la instalación de nuevo. Deseche como los removedores de árboles. Remueva el retenedor del filtro que se acumula en los filtros, restregándolo el fujo del aire. Reemplace los filtros como sigue:
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PRECAUCIÓN: Cambie el filtro (Modelo WH2906)

El filtro de su entifriador se deben cambiar dos veces por año....al principio y a la mitad de la temporada. O cuando el filtro requiere combinar más frecuentemente, de acuerdo con el tipo y las condiciones del agua local. Por ejemplo, en áreas donde el contenido de minerales del agua es alto, depósitos se acumulan en el filtro, restringiendo el flujo del aire. Reemplace los filtros como sigue:

PRECAUCIÓN: Cambie el filtro (Modelo WH2906)

El entifriador necesita toda la corriente eléctrica del entifriador antes de intentar instalar, abrir, o darle servicio a su entifriador.

TROUBLESHOOTING GUIDE:

Should an obvious problem occur with your cooler consult the following table. If you cannot correct the problem, or if it persists, contact qualified service personnel.

PROBLEM / SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Water draining from unit	Float valve out of adjustment	Adjust float to 2 1/2" water depth
	Float movement obstructed	Free float from obstruction
	Non-functional float valve	Replace float assembly
Dry pads	Pump intake clogged	Remove obstruction
	Non-functional water pump	Replace water pump
	Clogged water line	Locate and free obstruction
	Pad trough clogged	Clear debris from trough
	Non-functional switch	Replace switch
	Non-functional wiring	Repair or replace non-functional wiring
	Water turned off to cooler	Turn on water supply
Motor does not start or no air delivery	Electrical power disconnected	Check power receptacle and cord
	Circuit breaker tripped or fuse blown	Determine cause and correct
	Non-functional motor	Replace motor
	Non-functional switch	Replace switch
Inadequate air delivery	Insufficient air exhaust	Open windows to increase air flow
	Blower wheel loose on motor shaft	Tighten wheel set screw
	Pads clogged	Replace pads
Motor cycles on & off	Low voltage	Check voltage
	Motor shaft tight or frozen	Replace motor
	Pad frame or air outlet grille removed	Re-install pad frame or air outlet grille
Noisy operation	Blower rubbing on housing	Reposition wheel
	Motor or blower mounting screws loose	Tighten screws
Excessive humidity in house	Inadequate exhaust	Open doors and windows to increase ventilation

PROBLEMA / SINTOMA:	CAUSA PROBABLE:	ACCION CORRECTIVA:
Derriame de agua en la unidad	Válvula de flotador fuera de ajuste	Ajuste el flotador 2 1/2" de profundidad de agua
Movimiento del flotador obstruido	Libre el flotador de la obstrucción	Remplace el ensamblaje de flotador
Válvula no funciona	Válvula no funciona	Reemplaza la válvula de agua
Bomba no funciona	Reemplaza la bomba	Reemplaza la bomba tapada
Línea de agua tapada	Localice y remueva la obstrucción	Limpie la basura de las cañerías
Canaliza de filtro tapada	Agua hacia el sumidero cerrada	Abre el sumidero de agua
Alambreado no funciona	Alambreado no funciona	Repara o remplaza alambres
Interruptor no funciona	Interruptor no funciona	Reemplaza el interruptor
Fusible quemado o disyuntor se apaga	Fusible quemado o disyuntor se apaga	Diagnóstico la causa y corregir el problema
Interrupción de aire inadecuada	Interrupción de aire inadecuada	Abra ventanas para aumentar el flujo
El motor se prende y se apaga	Turbina fija con el motor	Revisa el volante
Operación ruidosa	Filtros tapados	Reemplaza filtros
El motor se prende y se apaga	Turbina fija con el filtro	Revisa el filtro
No comienza o no hay entrega de aire	Interruptor no funciona	Reemplaza el interruptor
Entrega de aire inadecuada	Motor no funciona	Reemplaza el motor
El motor se prende y se apaga	Turbina fija con el filtro	Revisa el volante
Operación ruidosa	Filtros tapados	Reemplaza filtros
Excesivo escape de aire	Turbina fija con el filtro	Revisa el filtro
Humedad excesiva dentro de la casa	La turbina rosa con la caja del soporte	Alinea la turbina
Excesivo escape de aire	Tomillo de la turbina muy flojos	Apriete tornillos
Excesivo escape de aire	Inadecuado escape de aire	Abra ventanas para aumentar la ventilación

Si un problema obvio ocurre en su enfriador, consulte la siguiente tabla. Si no puede corregir el problema, contacte a un representante competente de servicio.

TRAZANDO FALLOS: