



**Air-King**  
*Innovators in Home Comfort*

# OWNER'S MANUAL

## OPERATION & MAINTENANCE OF YOUR HUMIDIFIER

**NOTE:**

Read instructions prior to using your humidifier. Retain instructions for future reference. Always unplug the humidifier before filling or cleaning. If you discover any missing components or damage call 1-800-465-7300 between 8:00am and 3:30pm EST, Monday to Friday.

**LIMITED WARRANTY**

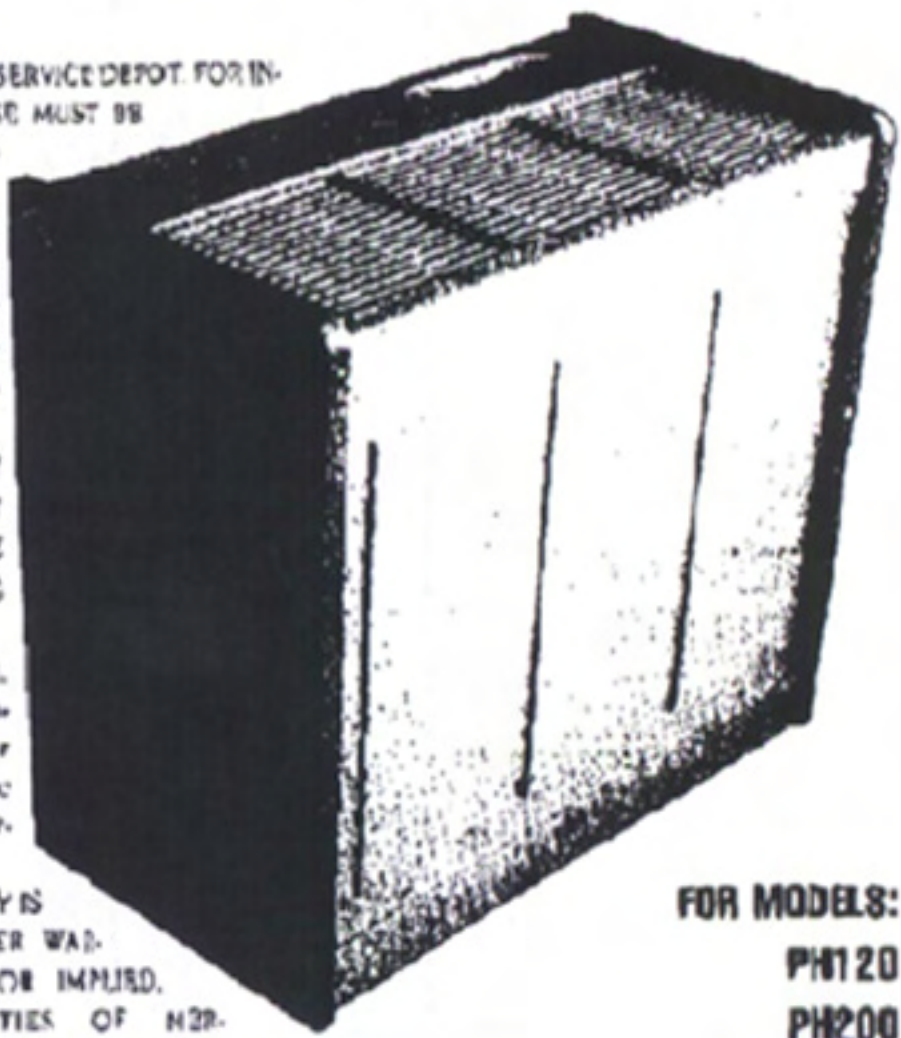
IF SHOULD ACCESSORY PARTS BE NEEDED CONTACT YOUR NEAREST SERVICE DEPOT. FOR IN-WARRANTY REPLACEMENT PARTS, A COPY OF PROOF OF PURCHASE MUST BE INCLUDED ALONG WITH THE TYPE AND STYLE, WHICH IS LOCATED ON THE BOTTOM OF YOUR APPLIANCE.

The product you have purchased is warranted by the manufacturer for one year from the date of original purchase against defects in workmanship and/or materials. Parts that prove to be defective during the one year period will be either repaired or replaced at our option. The right is reserved by the manufacturer to replace the whole product in lieu thereof.

SHOULD ELECTRICAL OR MECHANICAL REPAIR BECOME NECESSARY DURING THE WARRANTY PERIOD, SEND YOUR COMPLETE PRODUCT POSTAGE OR FREIGHT PAID TO THE NEAREST AUTHORIZED SERVICE CENTRE. PLEASE INCLUDE A COPY OF PROOF OF PURCHASE ALONG WITH YOUR APPLIANCE.

This warranty does not apply if the damage occurs because of accident, improper handling or operation, shipping damage, abuse, misuse, unauthorized repairs made or attempted, or use of the product in commercial service.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND EXCLUDES ALL LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR ANY CAUSE WHATSOEVER.



**FOR MODELS:**  
 PH120  
 PH200  
 PH300



**AIR-KING ASSISTANCE HOT LINE 1-800-465-7300**

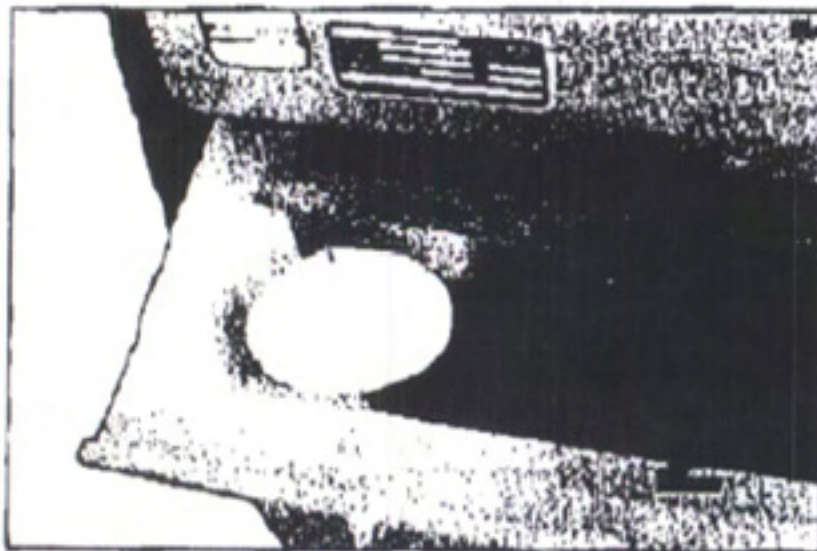


# AIR-KING ASSISTANCE HOT LINE 1-800-465-7300

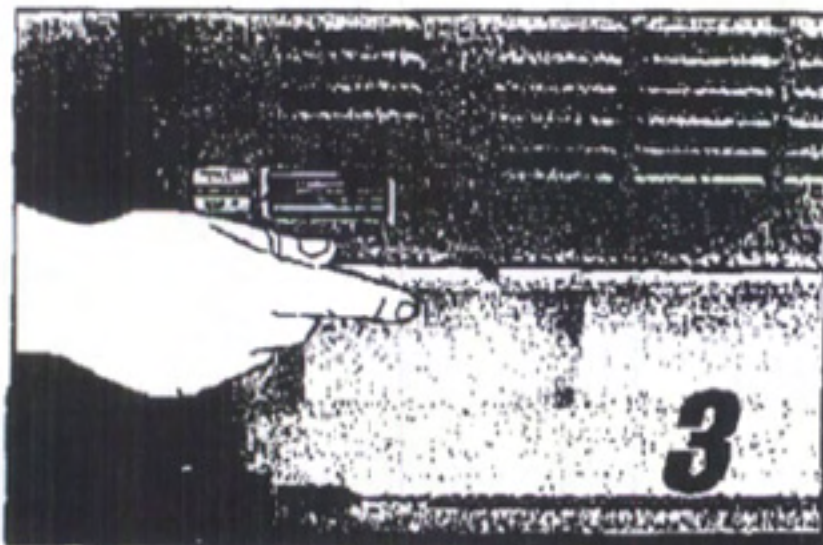
## INSTALLING BUCKET



To install the water bucket into your humidifier, lift the water level float, slide the bucket into the back of the humidifier.



On models with an air baffle, (baffle installed as in picture #7) the float must be on the back side of the baffle. On all other models the float hangs freely.



Push the bucket into the humidifier so that the bucket touches the front of the humidifier.

## INSTALLING DRUM



When installing the drum, it is very important to ensure that the drum rim is placed into the drive pulley groove and roller



pulley groove as this is what makes the drum rotate.



When lifting the drum in or out of your humidifier, tilt the drum so that the drum does not hit the fan blades on the way in or out.



# AIR-KING ASSISTANCE HOT LINE 1-800-465-7300

## INSTALLING BAFFLE & FUNNEL



Some models include an air baffle to improve performance. You can upgrade your model by purchasing an air baffle through Air-King parts and service 1-800-465-7300.

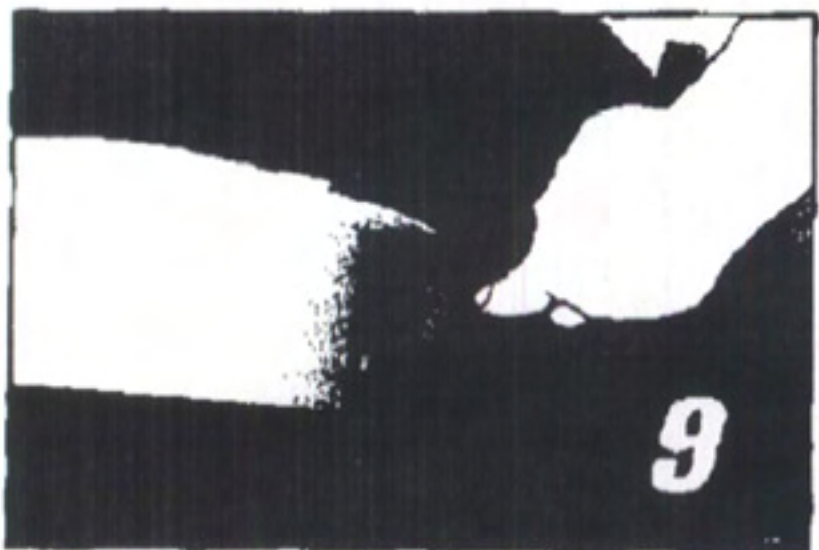
## OPERATING YOUR HUMIDIFIER



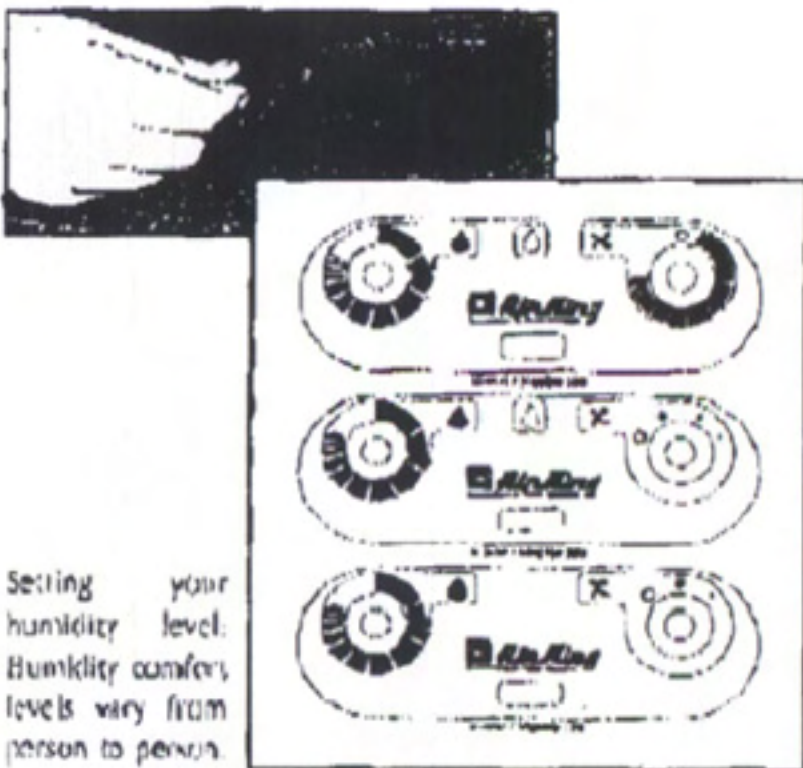
Install the grills on top of your humidifier in the slots provided. Plug the unit into an outlet.



To install the water funnel, locate "T" slots to the left of the installed drum, push into slots and



slide down to lock into position. To avoid spills when filling the humidifier with water, pour water into funnel and observe the water level in the bucket.



Setting your humidity level. Humidity comfort levels vary from person to person. When you first

turn your humidifier on set the humidistat on high and allow the unit to run constantly until you feel the humidity level is acceptable. At this point turn the humidistat down until the unit cycles off, this is your set point. The humidifier will cycle off and on to maintain the selected humidity level. Selecting a fan speed will vary the time it takes for the humidifier to reach the set point. If the fan is on low speed the humidifier will run longer to maintain the selected humidity level. Your humidifier is equipped with a water refill light and/or a water level indicator depending on the model of humidifier, this is to let you know when to refill the bucket with water.

**Note:** The humidifier will not run if there is no water in the bucket.



# AIR-KING ASSISTANCE HOT LINE 1-800-485-7300

## CLEANING INSTRUCTIONS

If you are in an area with hard water (high mineral content), extra cleaning will be necessary. 1. Every two to four weeks, more often if needed, humidifier reservoir should be drained and wiped clean with mild detergent and rinsed. Difficult mineral deposits should be removed with a vinegar and water solution. After cleaning, the reservoir should be well rinsed with clean water. Never use abrasive cleaners on plastic parts. The filter should be cleaned in a water/vinegar solution and rinsed with clean water.

2. At the end of the humidification season or when the humidifier will not be used for a prolonged period, drain reservoir, wipe clean with mild detergent and rinse with warm water. Allow to dry before storing. Remove and dispose of filter.

3. Clean the outside of the humidifier with a soft, clean damp cloth only. **DO NOT** immerse or spray water onto humidifier housing. Electric shock may result or the unit may be permanently damaged.

Many conditioning agents are not suitable for use in this style of humidifier. They cause the drum to slip, belts to slip and the drum to jump off the drive pulleys. When cleaning or conditioning this unit, use **only a vinegar+water solution or you will void the warranty.**

## HINTS FOR TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDY
UNIT IS NOISY OR DOES NOT RUN SMOOTHLY	<ol style="list-style-type: none"> <li>1. UNIT NOT ON LEVEL SURFACE</li> <li>2. GRILL VIBRATING</li> <li>3. DIRTY OR DRY PULLEYS, DRIVE BELTS OR DRUM RING</li> <li>4. LOOSE DRIVE SHAFT</li> </ol>	<ol style="list-style-type: none"> <li>1. LEVEL UNIT</li> <li>2. ADJUST AS REQUIRED</li> <li>3. CLEAN DRUM RING</li> <li>4. TIGHTEN SHAFT</li> </ol>
UNIT DOES NOT TURN ON	<ol style="list-style-type: none"> <li>1. FLOAT LEVEL SWITCH</li> <li>2. HUMIDISTAT</li> <li>3. FAN SPEED CONTROL</li> <li>4. LOOSE TERMINAL CONNECTOR</li> </ol>	<ol style="list-style-type: none"> <li>1. ADJUST MOVABLE PARTS TO OPERATE FREELY</li> <li>2. TURN HUMIDISTAT TO HIGH</li> <li>3. MAKE SURE UNIT IS TURNED ON AND FILLED WITH WATER</li> </ol>
UNIT DOES NOT SHUT OFF (TOO MUCH MOISTURE)	<ol style="list-style-type: none"> <li>1. HUMIDISTAT SET TOO HIGH</li> <li>2. FLOAT BENDING OR STICKING</li> <li>3. BROKEN OR DISCONNECTED NYLON FLOAT CORD</li> <li>4. FLOAT LEVEL SWITCH</li> <li>5. HUMIDISTAT</li> </ol>	<ol style="list-style-type: none"> <li>1. ADJUST AS REQUIRED</li> <li>2. ADJUST MOVABLE PARTS TO OPERATE FREELY</li> <li>3. REPLACE OR RECONNECT NYLON CORD</li> <li>4. CHECK SWITCH FOR PROPER OPERATION</li> <li>5. TURN HUMIDISTAT KNOB TOWARD THE LOWEST POSITION, UNDER NORMAL CONDITIONS THE UNIT SHOULD TURN OFF.</li> </ol>
NOT ENOUGH MOISTURE	<ol style="list-style-type: none"> <li>1. HUMIDISTAT SET TOO LOW</li> <li>2. FLOAT BENDING OR STICKING</li> <li>3. FLOAT LEVEL</li> <li>4. FILTER DRUM NOT ROTATING</li> <li>5. FILTER DRUM OFF PULLEYS</li> </ol>	<ol style="list-style-type: none"> <li>1. REFER TO OPERATING MANUAL</li> <li>2. CHECK AND ADJUST</li> <li>3. CHECK SWITCH</li> <li>4. CHECK PULLEYS AND DRIVE BELTS. MAKE SURE DRUM IS PROPERLY PLACED ON DRIVE PULLEY. DAMPEN DRUM FILTER ALONG ITS ENTIRE LENGTH.</li> </ol>
LEAKING	<ol style="list-style-type: none"> <li>1. UNIT OVER FILLED</li> <li>2. TANK CRACKED</li> </ol>	<ol style="list-style-type: none"> <li>1. REFER TO OPERATING MANUAL</li> <li>2. REPLACE TANK</li> </ol>

