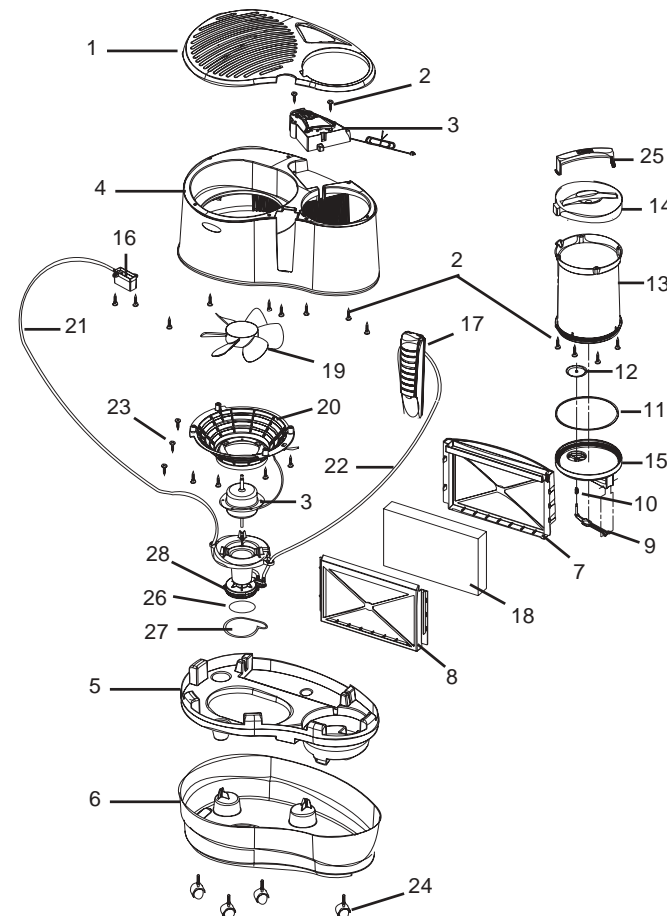


# MODEL 3LA79A/9929A

## TROUBLE SHOOTING GUIDE

TROUBLE	PROBABLE CAUSE	SOLUTION
Fan not working or Humidifier doesn't turn on	<ul style="list-style-type: none"> <li>No power</li> <li>Humidistat not set correctly</li> <li>Top of Humidifier not seated properly on Base (Unit is equipped with an automatic shut off)</li> <li>Filter Holder not assembled properly or is missing (Unit is equipped with an automatic shut off)</li> </ul>	<p>Make sure Unit is plugged in Check that the Power Switch is On Set Humidistat to higher humidity level Make sure top is properly seated on Base</p> <p>Make sure Filter Holder is seated in place</p>
Water leaking	<ul style="list-style-type: none"> <li>Base is overfilled</li> <li>Filter is old and dirty</li> </ul>	<p>Reduce water level in Base Replace Filter</p>
Foul odor	<ul style="list-style-type: none"> <li>Filter needs to be replaced</li> <li>Base needs to be cleaned</li> <li>Whole Humidifier needs cleaning</li> </ul>	<p>Replace Filter</p> <p>Follow Instructions in CLEANING section Follow Instructions in CLEANING section</p>
Filter discoloration	<ul style="list-style-type: none"> <li>Mineral deposits in water</li> </ul>	<p>Replace Filter</p>
Water discoloration	<ul style="list-style-type: none"> <li>Humidifier needs to be cleaned</li> <li>Hard water - Iron in water</li> <li>Some humidifier additives can cause discoloration</li> </ul>	<p>Follow Instructions in CLEANING section Use filtered or distilled water</p>
Lights do not work: Humidistat Light Off, Power Light On Power Light Off, Humidistat Light On	<ul style="list-style-type: none"> <li>Humidity is not yet achieved in room</li> <li>Room has reached desired Humidity level</li> </ul>	<p>Allow Humidifier to continue running</p> <p>Set Humidity Knob for more Humidity</p>
No water show	<ul style="list-style-type: none"> <li>No water in Unit</li> <li>Hose not connected to Pump</li> <li>Hose not connected to Water Show</li> </ul>	<p>Refill Unit Connect Hose to Pump Connect Hose to Water Show</p>

KEY	PART NO.	DESCRIPTION	QTY.
1	2010598	Humidifier Top	1
2	02091220I	Screw #8 x 1/2 PPH Type 30A ZP	15
3	02030008EG	Motor/Control Box Assembly	1
4	2010588	Chassis	1
5	2010590	Drip Shield	1
6	2010591EG	Base	1
7	2010592	Front Filter Holder	1
8	2010593	Rear Filter Holder	1
9	02010860S	Lever	1
10	02010861	Spring	1
11	02010862	O-Ring	1
12	02010871	Plunger	1
13	2010844	Jug	1
14	2010597	Jug Top	1
15	2010596	Jug Lid	1
16	02010868S	Water Distribution Block	1
17	02010869S	Water Show Assembly	1
18	2010870	Filter	1
19	2011073	Blade	1
20	2011074	Basket	1
21	2069093	Tube 1/4" x 24 1/2"	1
22	2069094	Tube 1/4" x 15 1/2"	1
23	02091221I	Screw #8 X 3/4" PTH Type 30A ZP	7
24	02098038	Castors	4
25	02010601	Handle	1
26	02010867S	Impellor	1
27	02010866LS	Lower Pump Housing	1
28	02010866US	Upper Pump Housing	1



# OPERATING INSTRUCTIONS & PARTS MANUAL



## DIGITAL RECIRCULATING HUMIDIFIER 9 GALLON MODEL 3LA79A/9929A

### READ AND SAVE THESE INSTRUCTIONS

**READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE! RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.**

### DESCRIPTION

The AirKing 9 Gallon (34.1 liter) Humidifier features 3-Speed whisper quiet operation. This unit is capable of humidifying up to 3200 sq. ft. (355.6 sq. yards) and features a 7.5 ft. (2.3 m) 18/3 cord set.

### SPECIFICATIONS

Motor ..... 120V, 50/60 Hz  
Blade diameter ..... 9" (22.86 cm)  
Speeds ..... 3  
Control ..... Rotary Switch  
Approvals ..... UL/CUL Listed

MODEL	3LA79A/9929A		
SPEED	HIGH	MED	LOW
RPM	1300	1100	900
Amps	0.590	0.500	0.450
Watts	62.8	58.8	49.8
dB A	61	59	53

### GENERAL SAFETY INFORMATION

1. Make certain that the power source conforms to the electrical requirements of the Humidifier.
2. The power cord is equipped with a three-prong grounded plug that must be inserted into a matching receptacle. Under no circumstances must the grounding prong be cut off the plug. Where a two-prong wall receptacle is encountered, it must be replaced with a properly grounded three-prong receptacle installed in accordance with the National Electrical Code (NEC) and all applicable local codes and ordinances. This work must be done only by a qualified electrician, using copper wire only.

**WARNING: USE OF A THREE-PRONG TO TWO-PRONG ADAPTER IS NOT RECOMMENDED. IMPROPER CONNECTION MAY CREATE THE RISK OF ELECTROCUTION. USE OF SUCH ADAPTERS ARE NOT PERMITTED IN CANADA.**

**WARNING: THIS PLUG IS A SAFETY FEATURE. TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND PERSONAL INJURY, DO NOT REMOVE, REPLACE, REPAIR OR TAMPER WITH THE ORIGINALLY SUPPLIED PLUG. IF THE FAN DOES NOT FUNCTION PROPERLY, IT MAY BE DUE TO THE SAFETY DEVICE INCORPORATED IN THIS PLUG. RETURN TO AN AUTHORIZED SERVICE CENTER OR CALL 800-233-0268, MONDAY - FRIDAY, BETWEEN 8:00 AM AND 5:00 PM EST. IF THE PLUG WARNING LABEL IS MISSING OR DAMAGED, CALL THE TOLL FREE NUMBER FOR A REPLACEMENT LABEL.**

3. Where possible, avoid the use of extension cords. If they must be used, minimize the risk of overheating by ensuring that they are UL listed and of the proper gage and length. Never use a single extension cord to operate more than one Humidifier.
4. Do not insert fingers or foreign objects into the Humidifier. Do not block or tamper with the Humidifier in any manner while it is in operation. Do not touch the Humidifier while in operation or just after it has been turned off, as some parts may be hot enough to cause injury.
5. Unplug power cord before filling or servicing the Humidifier.

**WARNING: DO NOT DEPEND UPON THE ON-OFF SWITCH AS THE SOLE MEANS OF DISCONNECTING POWER WHEN FILLING OR SERVICING THE HUMIDIFIER. ALWAYS UNPLUG THE POWER CORD.**

6. This Humidifier is intended for general use ONLY. It must NOT be used in potentially dangerous locations such as flammable, explosive, chemical-laden or wet atmospheres.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS HUMIDIFIER WITH ANY SOLID STATE SPEED CONTROL DEVICE.**

7. Always place the Humidifier is on a stable, flat, level surface when operating, to avoid the chance of the Humidifier overturning. Locate the Power Cord so the Humidifier or other objects are not resting on it. Keep the Power Cord away from room traffic.

8. Always direct air flow away from walls and furniture. Excessive moisture may cause damage.

9. Completely reassemble Humidifier, according to instructions, before reconnecting to power supply.

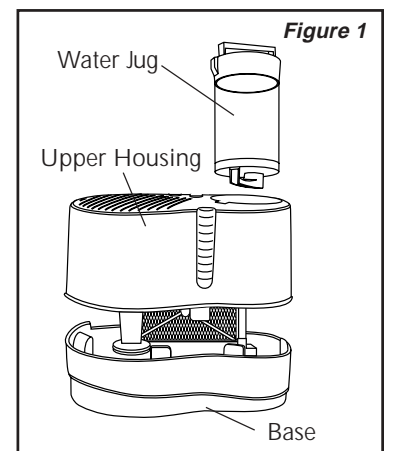
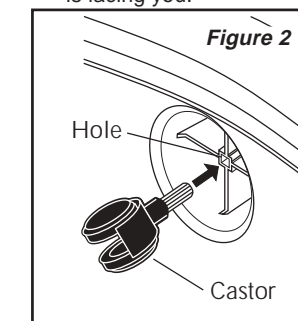
10. Humidifiers require regular cleaning to maintain proper operating conditions. Refer to the CLEANING section for proper cleaning procedures.

**NOTE: A few droplets of water may be present in your Humidifier as a result of our quality testing prior to packaging and shipment.**

### ASSEMBLY

**CAUTION: DO NOT fill unit before assembling.**

1. Remove Water Jug then, Upper Housing from base of unit. (Figure 1)
2. Lay base of unit on it's side so the bottom of the unit is facing you.

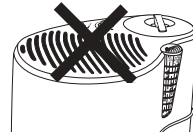


3. Fully insert the four Castors into the holes in the bottom of the unit. (Figure 2)
4. Replace Upper Housing, then Water Jug into unit.

**DO NOT pour water into Grill. DO NOT spill water on Control Panel. Water should only be poured into the Unit using the Jug.**

# MODEL 3LA79A/9929A

**CAUTION: Do not pour water through the Exhaust Grill on the Upper Housing. Doing so may cause damage and personal injury.**

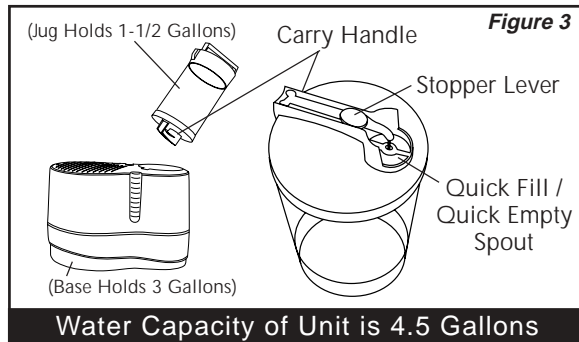


**CAUTION:**

- **Unplug Unit when filling.**

- Always place Humidifier on a firm level surface. Locate the Power Cord so the Humidifier is not resting on it, and is away from traffic.
- Be careful not to overfill.
- **Do not pour water through Exhaust Grill**, doing so may cause damage and personal injury.
- Take extra care to prevent water spillage that may damage furniture or flooring. The manufacturer will not accept responsibility for damage to property caused by water spillage.
- Always be sure the Power Knob is in the **OFF** position when plugging Humidifier into a grounded 120 volt AC wall outlet.
- To prevent risk of electrical shock and injury to persons, do not plug Humidifier into electrical outlet with wet hands.

1. It is recommended that all Humidifiers be cleaned prior to use. Please read **Cleaning Instructions** for Base and Jug cleaning.
2. Use the convenient Carrying Handle found on the bottom of the Water Jug to bring it to a faucet. The Water Jug features a 'Quick Fill/Quick Empty' Spout. To fill, hold Jug upside down by the Handle. Use thumb to press down Stopper Lever, and fill Jug. Fill the Water Jug with cool tap water. **Never use hot water.** (Figure 3)



When the Jug is replaced back into the Base it will quickly empty to fill Base.

*NOTE: While carrying filled Water Jug back to the Humidifier, hold the Handle with one hand, while supporting bottom of Water Jug with other hand.*

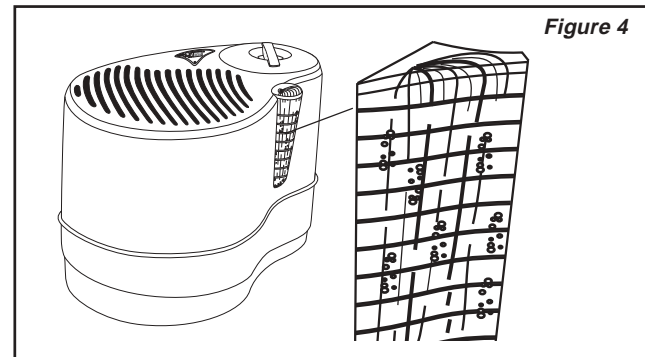
3. Place the Water Jug securely in the Base. If positioned properly, water will quickly pour into Base and automatically stop when reaching desired amount.
4. When gurgling noise stops lift up the Water Jug to see if it is empty. Refill if empty. When the Unit is full, some water will remain in the Jug.
5. Even though your Humidifier will produce approximately 9.0 gallons in a 24 hour period\*, the water capacity (amount of water the Humidifier will hold at one time) is 4.5 gallons. (3 FULL Jugs).

## OPERATION

1. Turn fan speed knob to desired speed.
  - 3 - For fast humidification of a large room or house, approximately 9 gallon per day.\*
  - 2 - For normal operation.
  - 1 - For quiet, night time operation or after desired moisture level is reached.

\* Calculations based on ambient room conditions of 70° F and 30% relative humidity in a room of average insulation.

The presence of water flow in the Water Show Window indicates the circulation of water to the Filter. (Figure 4)



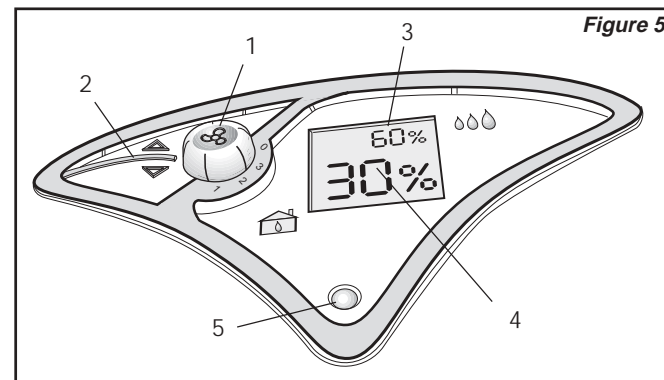
The correct room humidity display will set itself 10 seconds after the power cord is plugged into a 120 V outlet.

2. Push the humidity set button ▲ up or ▼ down, to adjust the humidity to the desired level. The desired humidity range is 25% to 95%.

The desired humidity level is displayed in small numbers and the correct room humidity % is displayed in large numbers.

Once the current room humidity level reaches the desired humidity level, the fan will turn off and the humidity indicator light will come on. This light indicates that the humidifier is still on and will again start when the current room humidity level falls below the desired set level.

If the current room humidity drops below 25% or goes above 95%, the display will blink off and on until the current room humidity is within the 30% to 90% range.



1. **Fan Speed Knob**
2. **Humidity Set Button**
3. **Desired Humidity %**
4. **Current Room Humidity %**
5. **Humidity Indicator Light** - Light comes on when desired humidity level is the same or lower than current room humidity while the speed knob is in the on position.

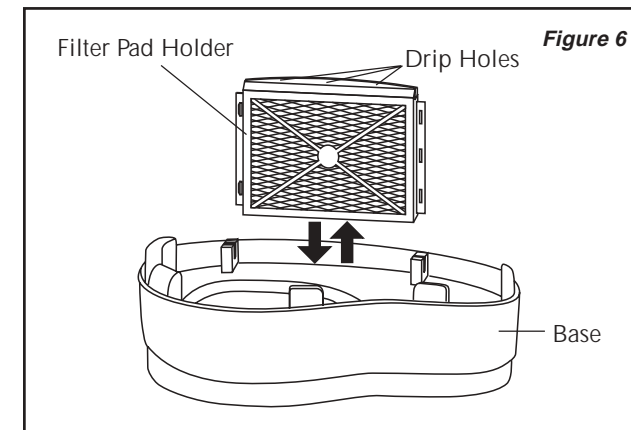
# MODEL 3LA79A/9929A

## FILTER CARE

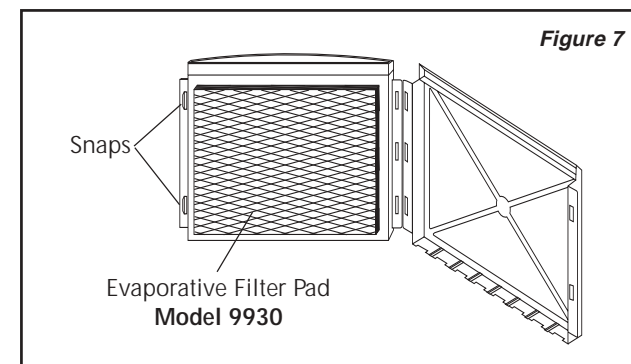
The Filter inside your Humidifier plays a very important part in its operation. In order to maintain peak performance, it is highly recommended to **use only AIRKING REPLACEMENT FILTERS**. Some imitation filters do not comply with AirKing's quality standards, resulting in decreased performance of your Humidifier.

**CAUTION: To prevent electric shock, always turn Power Control Knob to OFF position and unplug before servicing.**

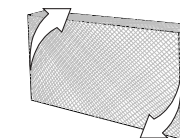
1. To replace the Evaporative Filter Pad, remove the Jug and Upper Housing from the Base. **Be careful not to let excess water from pump spill onto furniture or flooring.**
2. Remove Evaporative Filter Pad Holder from Base and inspect Small Water Drip Holes for any blockage. (Figure 6)



3. To open the Filter Holder apply outward pressure to the two snaps and it will hinge open. Remove used Filter from Holder and discard. (Figure 7)



4. Insert new Filter into Holder, snap closed, and reinstall Holder into Base. (Figure 7) The Filter will only fit into the Holder one way. Make sure the Rounded side of the Filter Holder is facing outward. Replace Upper Housing, then Water Jug into Base.
5. To increase the life of your Filter Pad turn Filter around (so the bottom of Filter is now at the top).
6. Filter life may be extended by cleaning the Filter in a 20% vinegar solution. To clean Filter, mix one part undiluted vinegar with four parts warm tap water. Soak the Filter in this solution for 20 minutes, rinse Filter thoroughly with warm water to remove vinegar odor.



**DO NOT FLATTEN, SQUEEZE OR TWIST FILTER WHEN CLEANING.**

7. Discoloration of the Evaporative Pad is normal after extended use. The discoloration is caused by mineral deposits in the water, and the degree of discoloration will vary depending upon the amount of mineral content in the water. When the Filter surface area is thoroughly discolored, or you notice reduced water usage, it is a good indicator that the Filter Pad needs to be replaced. **The Evaporative Pad should be replaced at least once every season.**

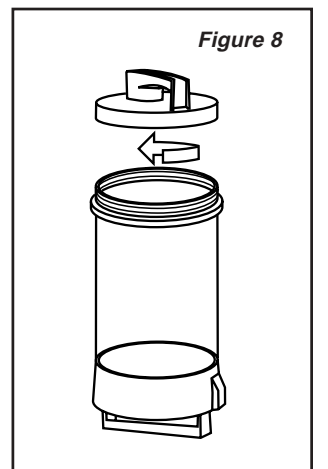
## CLEANING

1. Regular cleaning is necessary to ensure proper and efficient operation. The frequency of cleaning depends on the amount of impurities which may be found in the water or how often the Humidifier is in operation. **In either instance, it is recommended that the Humidifier be cleaned at least once a week.**

**NOTE: Unscrew bottom of Water Jug for easy cleaning. (Figure 8)**

**CAUTION: Make sure bottom of Jug is securely fastened to Jug before reinstalling into Base.**

2. **TO DESCALE BASE, JUG AND DRIP SHIELD:** Mix one part undiluted white vinegar with four parts warm tap water. Let vinegar solution stand for 20 minutes then wipe away any scale buildup using a soft brush or cloth. **Do not use soap or detergents and never use an abrasive cleaner.**



3. **TO DISINFECT BASE, JUG AND DRIP SHIELD:** Fill Jug with 1 teaspoon of chlorine bleach and 1 gallon of water. Let solution stand for 20 minutes. Carefully empty Jug and rinse well with water until bleach smell is gone.
4. Commercial "Descalers" and "Bacteriostats" are available at your local home improvement center.
5. Do not operate Humidifier when there is still cleaner in the water.

## OFF-SEASON STORAGE

1. Clean and dry Humidifier thoroughly per the CLEANING section above. Do not leave any water in the Unit when storing.
2. Dispose of the Evaporative Filter Pad. Do not store used Evaporative Filter Pad in the Humidifier.
3. Place Humidifier back into its carton and store in a cool dry place.