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Kenmore 758.144523 Owner's Manual

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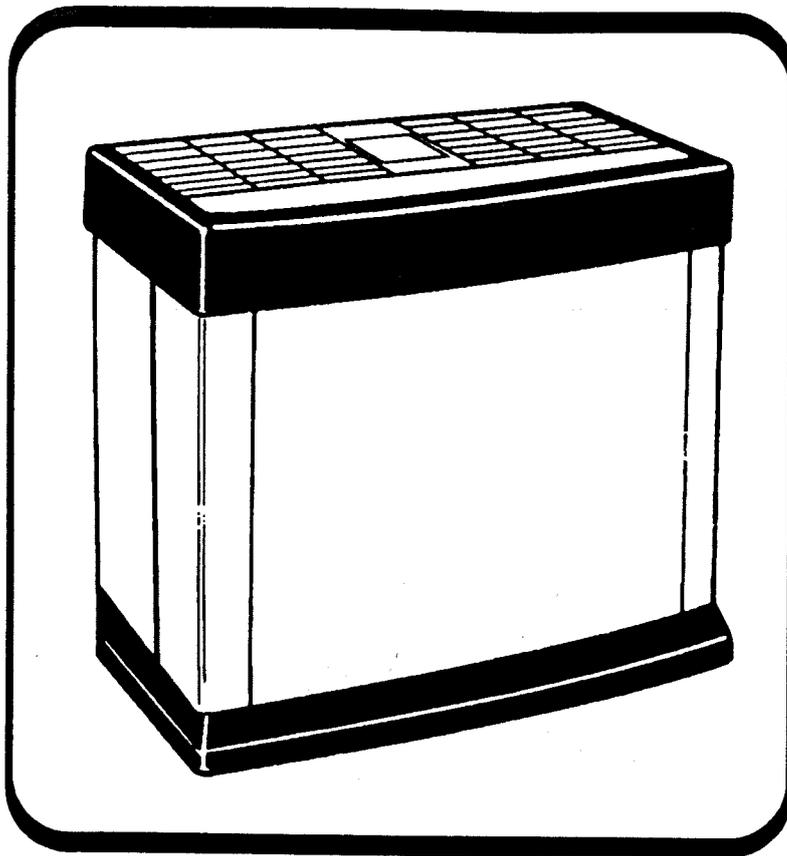
SEARS

owner's
manual

Model No.
758.144523
12 Gallon

**FOR YOUR
SAFETY**

READ ALL
INSTRUCTIONS
CAREFULLY



Kenmore[®]
QUIET COMFORT

**WHOLE HOUSE
HUMIDIFIER**
12 Gallon Output

**Innovative Twin Fan
Technology**

- Operating Instructions
- Parts List

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

Part No. SP6168

Printed in Canada

FULL ONE YEAR WARRANTY ON HUMIDIFIER

If within one (1) year from the date of purchase, this humidifier fails due to a defect in material or workmanship, Sears will repair it, free of charge. If within two (2) years from the date of purchase, the motor fails due to defect in material or workmanship, Sears will repair it free of charge.

This warranty service is available by simply returning the humidifier to the nearest Sears Service Center/Department throughout the United States.

This warranty applies only while this product is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., D/817 WA, Hoffman Estates, IL 60179

GENERAL SAFETY INSTRUCTIONS

Safety Signal Words

DANGER: means if the safety information is not followed someone **will** be seriously injured or killed.

WARNING: means if the safety information is not followed someone **could** be seriously injured or killed.

CAUTION: means if the safety information is not followed someone **may** be seriously injured.

1. To reduce the risk of fire or shock hazard, plug humidifier directly into a 120V, A.C. electrical outlet. Do not use extension cords.
2. Keep the electric cord out of traffic areas. To reduce the risk of fire hazard, never put the electric cord under rugs, near heat registers, radiators, stoves or heaters.
3. Always unplug the humidifier before moving it, removing the housing section, before cleaning, or whenever the

humidifier is not in service.

4. Keep the humidifier clean.
5. Do not put foreign objects inside the humidifier.
6. Never use your humidifier while any part is missing or damaged in any manner.
7. To reduce the risk of electrical hazard or damage to humidifier, do not tilt, jolt or tip humidifier while unit is running.
8. To reduce the risk of damage to humidifier, unplug humidifier, when water reservoir is empty or when the humidifier is not in use.
9. To reduce the risk of accidental electrical shock, do not touch the cord or controls with wet hands.
10. Note the warning label shown below and on the humidifier.

WARNING: To reduce the risk of fire, electric shock, or injury always unplug before filling, servicing or cleaning.

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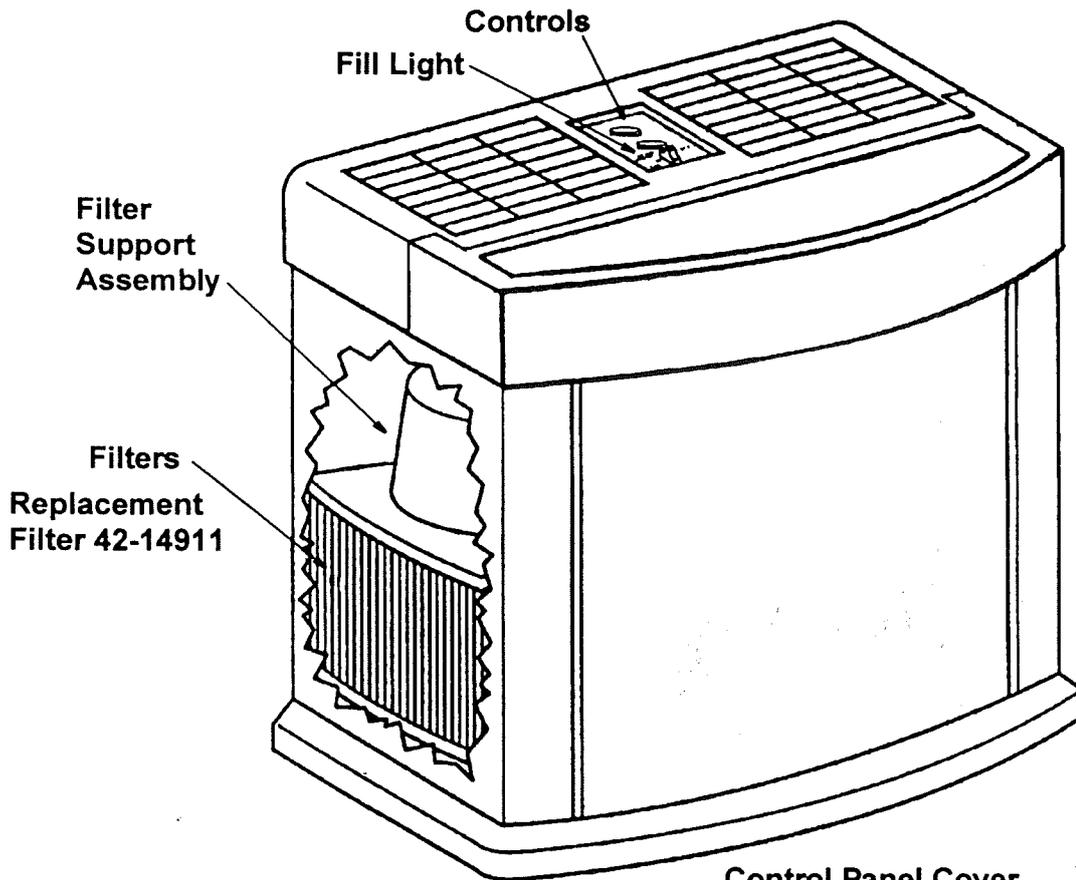
To Save a Service Call

Check the following if your humidifier will not operate.

1. Is power cord attached to outlet?
2. Is there electrical power to outlet?

3. Is airflow control in operating position?
4. Is humidity control set high enough?
5. Is the cabinet setting on a level surface?

Know Your Humidifier



Control Panel Cover
Removed for Clarity

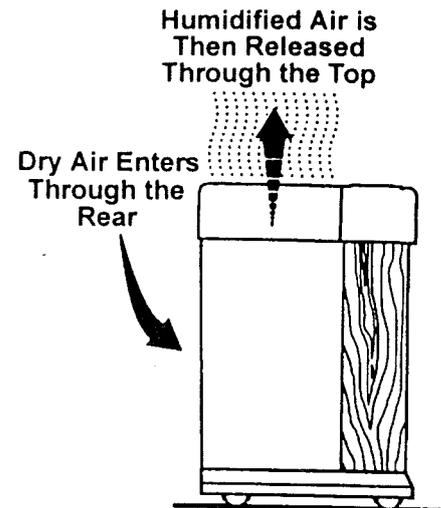
Description	758.144523
Gallon Output/24 hrs	12
Water Reservoir Capacity	6 Gallons
Sq. Ft. Coverage	2500
Run Time	42 Hours
Fan Speeds	3
Filters	4
Fill Light	Yes
Water Level Indicator	Yes
Auto Humidistat	Yes
Auto Shut Off	Yes
Controls	Rotary
CUL Listed	Yes
AHAM Certified	Yes
Volts	120 A.C.
Hertz	60
Amps	2.28
Watts	130

Humidifier Operations

Your new Sears humidifier is designed to satisfy home humidity requirements through the principle of evaporation of water into the air.

After water is added to the tank, the filters begin to soak up the water and become totally saturated in approximately 30 minutes. Air is drawn in from the rear of the humidifier, then passes through the filters by means of two circulation fans. As air passes through the filters, moisture is absorbed into the air and then released through the top of the humidifier. This moist air is released in the form of vapor. No water droplets will enter the home. All evaporation into the air takes place in the humidifier, which means that the residue left by evaporating water is not passed into the home, but remains in the filter.

CAUTION: Use only 42-14900 EPA Registered Bacteriostat available from SEARS Retail store. Under no circumstances should you use water treatment products designed for Roto belt or Ultrasonic humidifiers.



CAUTION: Keep your humidifier clean. While humidifiers do not cause colds, some studies suggest that dirty humidifiers can cause cold-like symptoms in some people. To reduce the risk of this, we recommend you clean your humidifier weekly with Humidifier Cleaner 42-14713 and use Bacteriostat 42-14900. These are available at your local Sears store.

Assembly

Your new Sears Kenmore humidifier is completely assembled for you to use. Remove the packaging material from inside your humidifier and follow the

instructions of this owner's manual for proper usage. The packaging material is located under the fan assembly. Remove the packaging material and discard.

Location Instructions

WARNING: For your own safety, do not use humidifier if any parts are damaged or missing.

Step 1

Place humidifier on a flat level surface in area of house where most humidity is needed, or one which would likely result in moist air being circulated throughout the house such as near a cold air return. Placing the unit level is very important if the humidifier is located on carpeting.

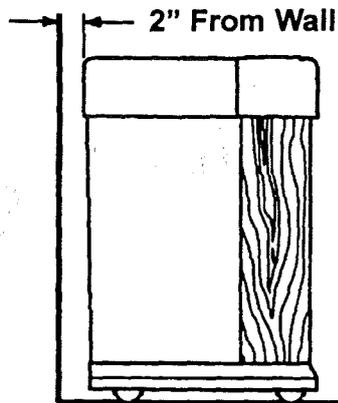
Moist air (humidity) produced will disperse into the whole house, but area closest to unit will have the highest humidity. If the unit is positioned close to a window, condensation may form on the window pane. If this is not appropriate the unit should be repositioned in another location.

NOTE: Due to release of cool, moist air from humidifier, it is best to direct air away from home thermostat and hot air registers. It is best to position humidifier next to an inside wall. Hot air registers and cold

air from outside walls can affect the efficiencies of the controls. Unit should not be placed where warm air from a hot air register blows directly on unit.

Step 2

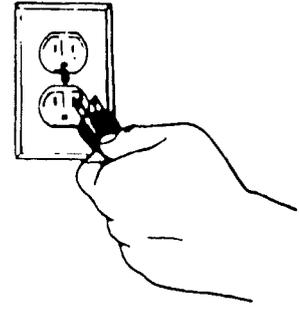
The humidifier should be positioned with the back (cord exit side), at least 2 inches away from the wall. Air needs to enter through louvers in the rear panel in order for the humidifier to operate at peak efficiency.



Electrical Hook-Up

Locate nearest 120V A.C. wall socket in the location desired, preferably on inside wall. Plug in the electrical cord.

WARNING: To reduce the risk of fire or shock hazard, humidifier should be plugged into a 120V A.C. outlet. Do not use extension cords.



Water Fill

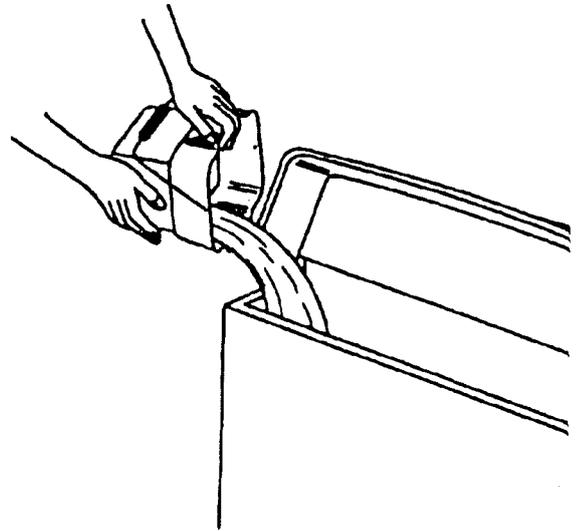
WARNING: To reduce the risk of shock, always unplug humidifier before filling, cleaning, or servicing.

WARNING: To reduce the risk of fire or shock hazard, do not pour or spill water into control or motor area. Close the control cover. If controls get wet, let them dry completely and have unit checked by authorized service personnel before plugging in.

This humidifier is designed to be filled using a bucket fill method. The unit should be positioned where it will be operating. To fill the 12 gallon humidifier, close the control cover and open the front access door. Notice the splash guard inside the cabinet of the humidifier.

Use recommended mixture of cold water and Sears Bacteriostat #42-14900 only. Pour the water slowly from a bucket into the cabinet onto the splash guard. The water deflects off the splash guard and drops into the bottom of the cabinet. Do not pour water onto top of unit or control area. Standing in front of the humidifier, notice the "FULL" labels positioned to the left and right of the splash guard on the inner sides of the cabinet. These labels indicate the maximum amount of water that can be poured into the humidifier.

Do not fill water in the cabinet above this line. If you do, water will leak out of the cabinet and onto the floor.



Operating Humidifier Controls

The operating controls of your Kenmore Quiet Comfort Whole House humidifier are located on the top center of the humidifier. The controls are found under the smoked cover, located between the air circulating fans. Lift the control cover by placing your finger in the round cutout and lifting. The cover will stay open. Now you can clearly see the control area. Familiarize yourself with the controls and reference the diagram of the control area for the correct naming used within this manual.

To operate the controls:

Humidity Control:

Adjust the amount of humidity depending on your needs. The humidifier will turn on and off as required to maintain level of humidity selected. MEDIUM setting is recommended, but there are times when low or high amount of humidity may be preferred. For constant operation of humidifier, MAX allows for the maximum amount of humidity to be evaporated into the air continuously.

IMPORTANT: Water damage may result if condensation starts to form on windows or walls. Humidity Control setting should be lowered until condensation no longer forms.

Speed Control

The higher the air flow speed, the more water is evaporated and released into the air. Low speed is the quietest and is provided for conditions that may not require as high an evaporation rate.

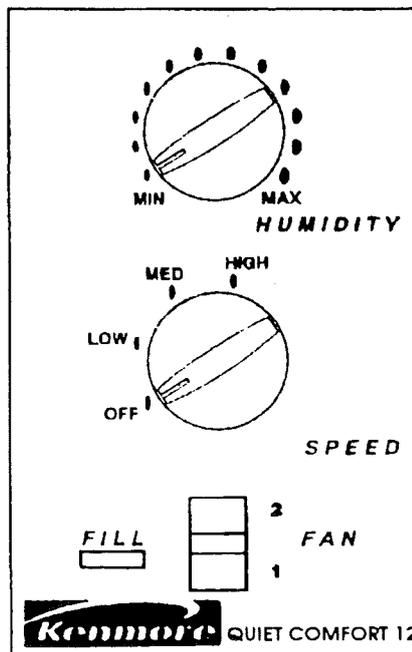
Fill Light

When the unit has a small amount of water left in it, the fill light will come on and the unit will automatically shut off.

Fan Control

Your Kenmore Quiet Comfort Whole House humidifier allows a choice to be made for single or dual fan control. The slide switch located closest to the front of the cabinet allows one or two fans to be used. Slide the switch to the "1" position to operate one fan and the "2" position to operate both fans.

The benefits of two fans and two control settings to the customer are summed up in the name, "QUIET COMFORT WHOLE HOUSE HUMIDIFIER". The "FAN" slide switch, positioned in the #1 position will operate the humidifier with one fan only in any speed position and provides reduced output at a lower noise level. The "FAN" slide switch positioned in the #2 setting will operate the humidifier with both fans and provides greater output than the single fan settings. Maximum output is provided by the humidifier in the #2 position with the speed control set at high. This combination of 6 fan/speed settings allows you, to determine the noise level and output level that best suits you.



Humidifier Control

Using Your Humidifier

Step 1

Be sure unit is full of water and plugged in.

Step 2

Set the Fan selection switch to "2". This will allow both fans to operate if the humidistat senses humidity is needed.

Step 3

Set speed control to low.

Step 4

Set Humidity Control to medium position.

NOTE: Humidifier should operate with humidity control on the recommended MEDIUM setting. If it does not, the humidity is at a relatively high level. To test the unit under this condition, turn Humidity Control all the way to MAX and unit should begin to operate. After unit has been tested, set Humidity Control to MEDIUM or desired level.

Allow 24 hours for humidifier to adjust.

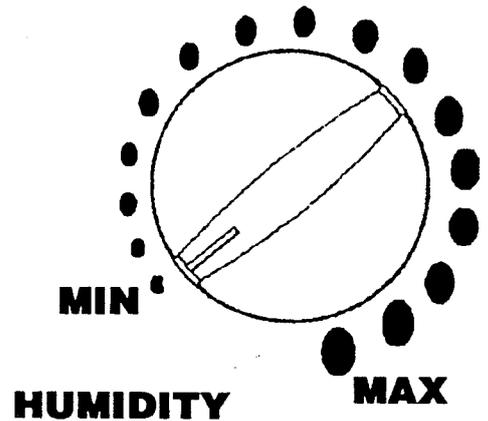
If humidity level in home is sufficient, the humidifier will only operate with Humidity Control set on maximum.

IMPORTANT: Water damage may result if condensation starts to form on windows or walls. Humidity Control setting should be lowered until condensation no longer forms.

Step 5

If humidifier stops running, the humidity level is at the normal requirements for that setting or it is adjusting to the home conditions. The figure below shows approximate relative humidity percentages which correspond to the various settings of the Humidity Control.

When Outdoor Temperature is:	Recommended Indoor Relative Humidity is:
-10°F	20%
0°F	25%
10°F	30%
20°F & above	35%



Operating Tips for Best Performance

1. Position the humidifier at least 2 inches from any wall and away from any heat registers.
2. Do not restrict airflow from entering or exiting the humidifier.
3. Use Sears recommended bacteriostat 42-14900 to retard bacteria growth that may cause odors and may be harmful to your health.
4. Regular cleaning as instructed in
5. "Cleaning of Humidifier" section of this manual is recommended.
5. Replace the evaporative wicking filters at least once per humidification season or more depending on water conditions in your area.

Replacement and Care of Filters

WARNING: To reduce the risk of shock or injury from moving parts, always unplug humidifier before removing or replacing any parts.

CAUTION: To help retard bacteria growth and keep maximum efficiency, the filters should be replaced at least once a season, or more often under hard water conditions. Use Sears recommended replacement filter.

All filters may be rinsed in clear water only. Take care not to damage paper.

To replace the evaporative wicking filters in your Kenmore Quiet Comfort Whole House humidifier, follow the instructions below.

1. Unplug humidifier, and proceed to clean.

Before removing the filters, we recommend moving the humidifier to an area where floor coverings are not susceptible to water damage, i.e. kitchen or bath areas.

2. To remove parts

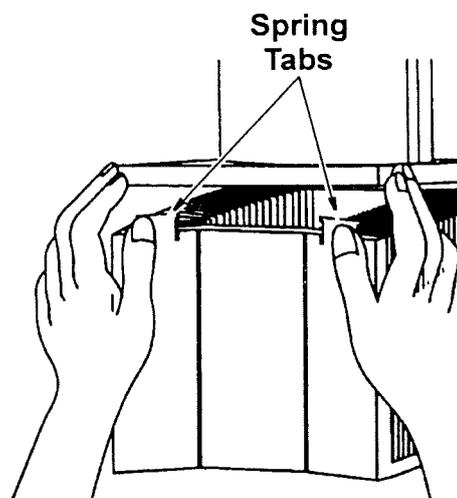
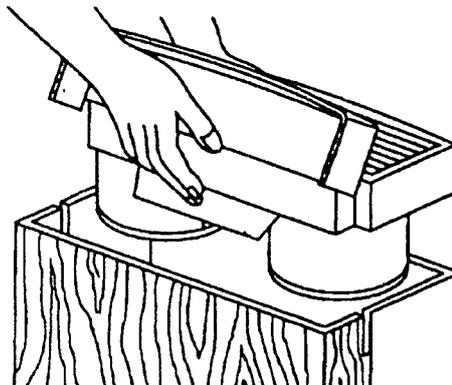
Remove the fan assembly by opening the pivoting lid. Grasp the fan assembly front center and rear center. Lift off and set aside on a clean flat surface. The filter assemblies are now accessible.

3. Lift filter housings out of cabinet and place where you may work on them comfortably. With a soft, absorbent cloth remove any remaining water or loose mineral deposits not trapped in the filter from the humidifier cabinet.

4. To open filter housing for easy access to filters.

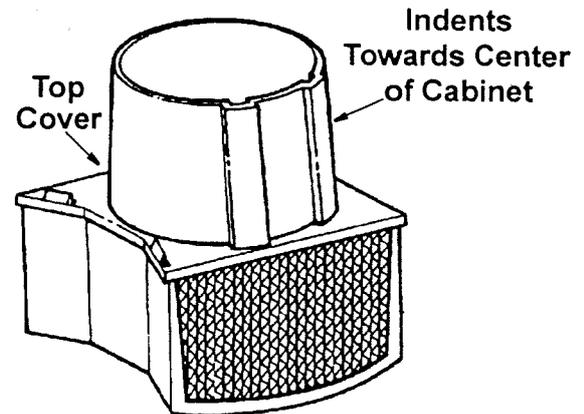
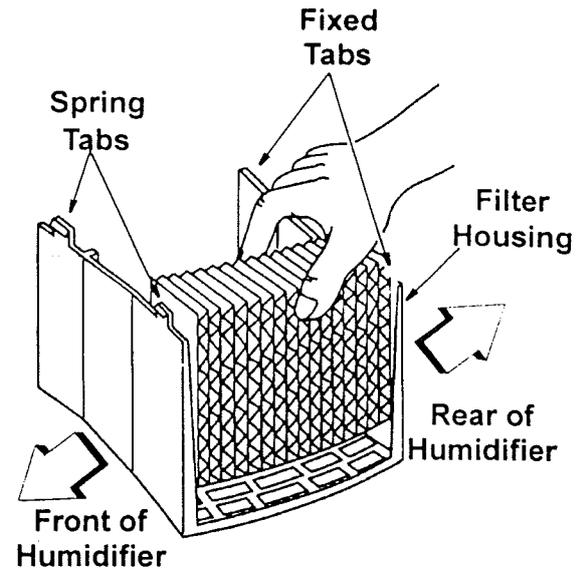
- a. Deflect the two spring tabs on top of filter housing. Lift top cover off of the filter housing and set aside.

- b. Remove the two filters and dispose of properly. Clean internal parts of humidifier per the "Cleaning of Humidifier" section of your owner's manual.

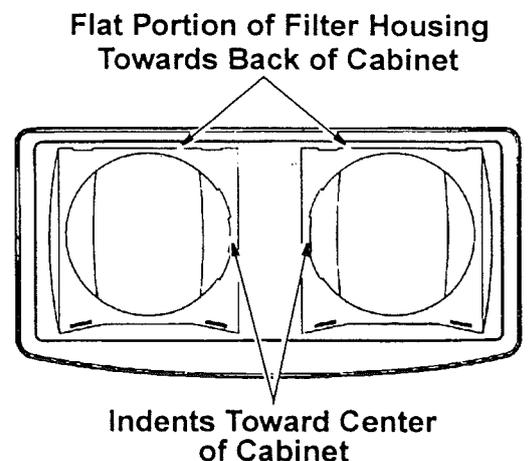


Replacement and Care of Filters (continued)

- c. Install new filters in the filter housing track with the glue beads of the wicking pad to the inside of the filter housing.
- d. Return the top cover of the filter housing by installing the cover over the fixed tabs on the rear of the lower filter housing and pivoting the cover down over the top of the filters. Snap the cover over the two spring tabs.
- e. Replace the filter housing in the cabinet. **Note:** There is a left and a right filter housing. To position the filter housings correctly. Make sure the two indents in the top cover (cylinder section) are positioned towards the center of the cabinet.
 - Be sure that the spring tabs of filter housings are towards front of cabinet.
 - The filter housing sets on the float in the bottom of the cabinet. Align the filter housing within the grooves of the float.
- f. Position fan assembly onto the cabinet. Make sure the fan venturi (lowest cylinder section below the fan) is placed inside top cover of the filter housing.
- g. Close the pivoting lid on the fan assembly.
- h. The unit is ready for use or to be stored away for next season.



NOTE: For correct operation of the filter housing assembly, filters must be fully contained inside the flange of the top cover.



Cleaning of Humidifier

CAUTION: To reduce the risk of injury, fire or damage to humidifier, use only cleaners specifically recommended for humidifiers. Never use flammable, combustible or poisonous materials to clean your humidifier. To reduce the risk of scalds and damage to humidifier, never put hot water in humidifier.

CAUTION: Local water purity may vary from area to area and under certain conditions water impurities and airborne bacteria may promote the growth of microorganisms in the reservoir of a humidifier.

To retard bacteria growth that may cause odors and be harmful to your health, use only Sears replacement filters. We also recommend using a EPA approved bacteriostat, 42-14900 and humidifier cleaner 42-14713, available at your local Sears store.

NOTE: If it is necessary to use approved bacteriostat, follow the directions correctly. The reservoir for the whole house humidifier will hold 6 gallons.

Step 1

To make cleaning easier, the water reservoir should be empty and completely dried out. To accomplish this, use the following method:

- a. Allow the humidifier to run until the automatic shutoff turns the humidifier "OFF".

WARNING: If humidifier is not unplugged, fan could start after housing is removed.

- b. Unplug humidifier
- c. Follow instructions in step 2 below "To Remove Parts".
- d. After removing the parts, dry out the bottom of the humidifier cabinet.
- e. Proceed to "Bi-Weekly Maintenance" or "End of Season Maintenance".

Step 2

To Remove Parts

- a. Raise pivoting lid, remove the fan assembly which contains the motors and fans, and set aside. (See Repair Parts list.)
- b. Lift the filter housing assemblies out of the cabinet and set to the side. Before removing the internal parts of the humidifier cabinet, we recommend moving the humidifier to an area where floor coverings are not susceptible to water damage, i.e., kitchen or bath area.
- c. Remove the water level float and filter assembly float from the humidifier cabinet. The cabinet should be empty and the water reservoir is ready for cleaning. The water reservoir consists of the lower areas of the humidifier cabinet where the float filters are during normal operation time.
- d. Empty Cabinet.
- e. Proceed to "Bi-Weekly Maintenance" or "End of Season Maintenance".
- f. Remove old filters and dispose of properly. Continue to clean cabinet and internal parts as described on next page.

Step 3

Install new filters (purchase the correct evaporative wicking filter pads 42-14911 for your humidifier) into the location where the old filters were positioned. Reinstall the floats into the cabinet and install the filter housings with the new filters into the correct location. Position the pivot lid assembly on top of the cabinet and return the humidifier to the desired location for use.

Refill humidifier cabinet with fresh cool water. Plug the unit into a 120 volt A.C. power outlet and set the controls per the "Operating Humidifier Controls" section of this manual.

Cleaning of Humidifier (continued) ---

Bi-Weekly Maintenance

Removing Scale

1. Fill the water reservoir with one 8 oz. cup of undiluted white vinegar. Let solution stay 20 minutes.
2. Clean all interior surfaces with soft brush. Dampen soft cloth with undiluted white vinegar and wipe out the water reservoir to remove scale.
3. Rinse thoroughly with clean warm water to remove scale and cleaning solution before disinfecting the water reservoir.
4. Dust the fan assembly and outside surfaces with a soft cloth only.

Disinfecting Water Reservoir and Base

1. Fill water reservoir with 1 teaspoon chlorine bleach in 1 gallon water. Let solution stay 20 minutes, swishing every few minutes. Wet all surfaces normally exposed to water.

2. Empty water reservoir after 20 minutes. Rinse with water until bleach smell is gone. Allow unit to dry out completely.

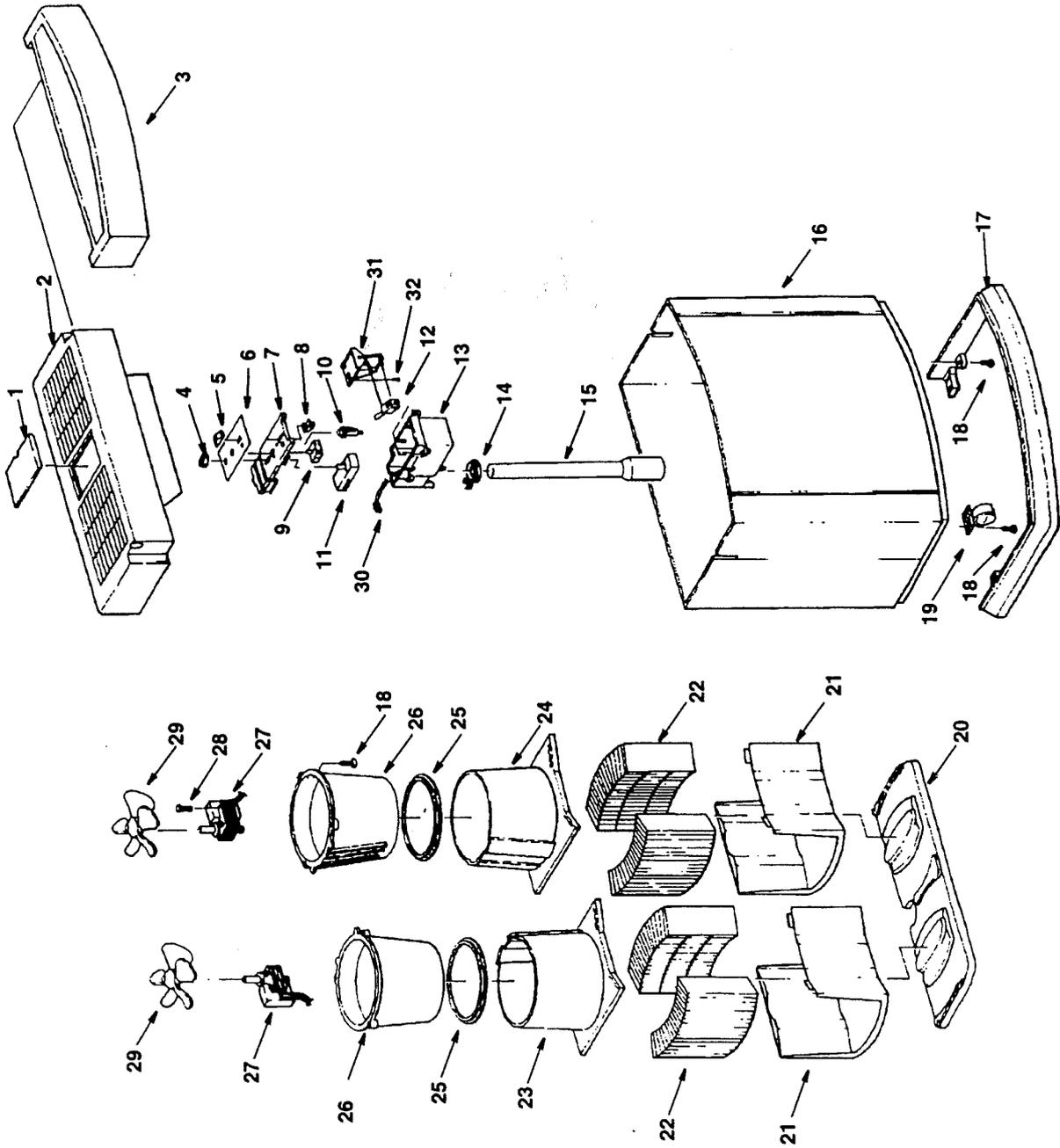
End of Season Maintenance

1. Follow "Bi-Weekly Maintenance" instructions at end of humidification season or when humidifier will not be used for at least one week or more.
2. Remove and throw away filters.
3. Let humidifier dry completely before storing. Do not store with water inside cabinet.
4. Store in cool, dry location.
5. Install new filters in clean humidifier before next season begins.

Part Number	Description	Key ID
SP6168	OWNERS MANUAL (NOT ILLUSTRATED)	NI
823884	COVER DUST	1
823730-2	LID STATIONARY	2
823724-2	LID PIVOTING	3
826544-1	KNOB	4
824117	CAP	5
852922	LABEL CONTROL	6
826400	COVER CONTROL	7
823910	SWITCH SLIDE	8
823912	SWITCH ROTARY	9
525858	LIGHT PILOT	10
13805-02	HUMIDISTAT	11
823728	SWITCH MICRO	12
826401	ENCLOSURE ELECTRONICS	13
824101-1	RETAINER FLOAT	14
823712-1	FLOAT WATER LEVEL	15
823710-2	CABINET	16
823726	RAIL KICK	17
STD601107	SCR. PAN HD. TY "AB" 10 X 3/4	18
822120	CASTER TWIN WHEEL	19
823905	FLOAT WICK	20
823849	SUPPORT FILTER LOWER	21
42-14911	FILTER EVAPORATIVE	22
823977	SUPPORT FILTER UPPER R.H.	23
823714	SUPPORT FILTER UPPER L.H.	24
824243	GASKET FOAM	25
823735	SUPPORT MOTOR	26
822405-3	MOTOR	27
816069-2	SCR PAN HD "AB" #6 X 1 3/4	28
822406-1	FAN	29
824120	CORD W/PLUG	30
826367	RETAINER MICRO SWITCH	31
808872-3	SCREW PAN HD. TY AB #8 X 3/8	32

Repair Parts

Parts List For Sears Humidifiers Model No. 758.144523

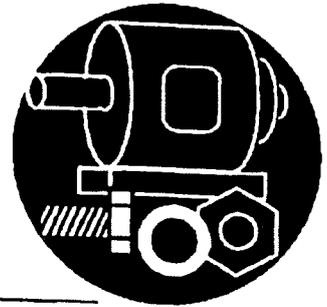


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Call 24 hours a day, 7 days a week

1-800-4-REPAIR

(1-800-473-7247)



**For the location of a
Sears Repair Service Center in your area**

Call 24 hours a day, 7 days a week

1-800-488-1222



**For information on purchasing a Sears
Maintenance Agreement or to inquire
about an existing Agreement**

Call 9 am - 5 pm, Monday-Saturday

1-800-827-6655



SEARS
REPAIR SERVICES

America's Repair Specialists

The model number will be found on the Humidifier identification label.

When requesting service or ordering parts, always provide the following information:

- Product Type
- Part Number
- Model Number
- Part Description

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Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

Part. No. SP6168

Form. No. SP6168-1

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