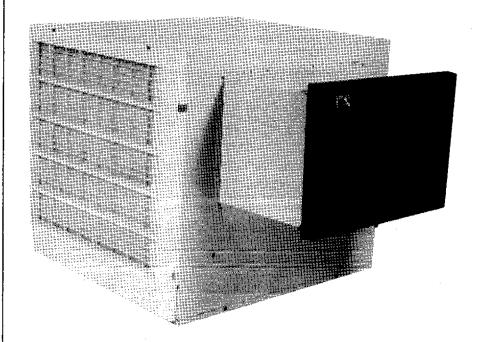
## SEARS

owners manual

MODEL NO. 661.624921 661.626020 661.626920

# READ AND SAVE THIS INSTRUCTION MANUAL



# Kenmore WINDOW TYPE EVAPORATIVE AIR COOLER

- Installation
- Operation
- Repair Parts

#### **CONTENTS**

# INSTALLATION AND OPERATIONCOOLER CARETools and Supplies You Will Need3Spring, Summer and Fall Care9Adjusting Cooler for Your Window3Cleaning9Mounting Cooler in Window4-5Replacing Pads10Installation Accessories6Oiling10Startup Checklist, Cooling Information7-8Belt Adjustment10Specifications8REPAIR PARTS11-12

#### INTRODUCTION

Your air cooler uses a new design for evaporating water to cool air. The low energy use of conventional evaporative air coolers is combined with new water handling methods and materials which help overcome most rust problems of conventional coolers. The compact size and modern appearance allow easy installation.

Please read our instructions before you install and use your new cooler. This will help you obtain the full benefits from your cooler and will also help you avoid any needless service costs that result from causes we cannot control and cannot cover in our warranty.

#### FULL ONE YEAR WARRANTY ON SEARS EVAPORATIVE COOLER

One year from the date of purchase, when this Kenmore Roto-Belt evaporative air cooler is installed and maintained according to our instructions, Sears will repair defects in material or workmanship free of charge.

#### FIVE YEAR LIMITED WARRANTY

All Sears Kenmore Roto-Belt cooler cabinets and blower housings are warranted against rusting out and becoming inoperative after one year and through five [5] years from the date of purchase. Sears Roto-Belt cooler water reservoirs and louvers are warranted also against leaking and deterioration due to water corrosion for the same period of time, You pay for labor.

WARRANTY SERVICE IS AVAILABLE BY SIMPLY CONTACTING THE NEAREST SEARS SERVICE CENTER THROUGHOUT 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., DEPT. 698/731A, SEARS TOWER, CHICAGO, IL 60684

Note: Replacement of filter pads is normal maintenance and is not covered in the warranty.

To function properly, your cooler must be installed correctly. You must know how to use tools and equipment. If you have any doubt, we suggest that you contact your Sears salesperson who will arrange for a prompt, quality installation by Sears authorized installers.

#### SEARS INSTALLATION WARRANTY

In addition to any warranty extended to you on the Sears merchandise involved, which warranty becomes effective the date the merchandise is installed, should the workmanship of any Sears arranged installation prove faulty within one year, Sears will, upon notice from you, cause such faults to be corrected at no additional cost to you.

#### SEARS INSTALLATION POLICY

All installation labor arranged by Sears shall be performed in a neat, workmanlike manner in accordance with generally accepted trade practices. Further, all installations shall comply with all local laws, codes, regulations and ordinances. The customer shall also be protected, during installation, by insurance relating to property damage, Workmen's Compensation and Public Liability.

#### **NEED ADVICE? MISSING PARTS? - CALL MANUFACTURER FIRST:**

Just dial this toll free number 1-800-643-2742 to get facts fast:

#### Call Monday through Friday 8:00 A.M. to 5:00 P.M. - Central Time

Our experienced Hotline Service Representative can:

- Answer installation questions.
- Provide prompt shipment of missing parts.

#### YOUR SATISFACTION IS OUR NUMBER ONE PRIORITY

**Reminder:** The person you will be talking to is **Not** a **SEARS** store employee and cannot handle exchanges, arrange service calls etc.. This must be handled through your Sears Store or Catalog Order Department. This toll-free number is for **technical assistance only.** 

#### **TOOLS AND SUPPLIES YOU WILL NEED**

Pliers

Electric Drill

Adjustable Wrenches Screwdrivers

Drill Bits, 1/8", 3/16"

Water Connection Kit

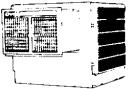
**Tubing Cutter** 

Level

5/16 inch nut driver

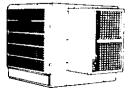
\* See page 6

NOTE: You may change the cooler air duct to fit sliding or narrow windows. The following instructions are ONLY FOR CHANG-ING THE DUCT POSITION.



**NORMAL POSITION** 





POSITION FOR NARROW WINDOWS

FIGURE 6

#### **CHANGING DUCT TO VERTICAL** POSITION for narrow windows (Figure 7)

- 1. Turn the cooler so that the duct points up.
- 2. Remove screws around the duct mounting flange.
- 3. Use the foam tape included in the parts envelope. Remove the backing.
- 4. Put the tape on the duct flange which will be on
- 5. Turn the duct to vertical position and line up the screw holes.
- 6. Securely fasten the duct with screws removed in step 2.
- See narrow window installation instructions on page 5.

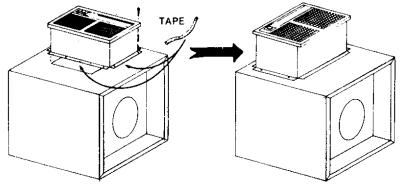


FIGURE 7

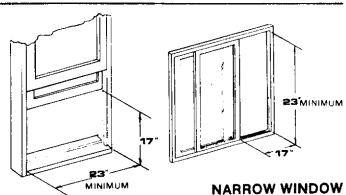
#### **DETERMINE YOUR WINDOW TYPE**

Your window opening must be at least 23 inches by 17 inches.

For narrow windows you may need to change the duct position as described above.

For narrow window installations see page 5.

For regular window installations see page 4.



#### **PREPARE WINDOW (Figure 1)**

- Mark four screw locations on the sill. Drill 1/8 inch pilot holes about 1/2 inch deep at each mark.
- Fasten each bracket (furnished) with 2 #8 x 5/8 inch screws found in the parts bag.

#### **INSTALL COOLER (Figure 2)**

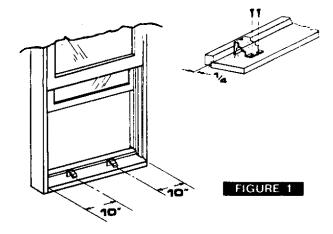
- Take the two outside louvers off the cooler. Page 9 shows how. Set the louvers where they will not fall.
- Raise the cooler to window level and hook the duct over the sill brackets. Hold up the cooler cabinet with a temporary stand during installation.
- Put a nut on each support rod. Insert the rods into the cabinet holes. The nut must be on the outside of the cabinet.
- Turn the support rod adjustment nuts until the rod ends touch the wall.
- Put rod ends into brackets. Be sure rods are level. Mark bracket screw holes on wall. Remove cooler from window and drill 1/8" pilot holes. Attach each bracket to your wall with 4 each #8 x 5/8" screws.
- Install cooler (Step 5). Put rod ends into brackets. TURN ADJUSTMENT NUTS TO LEVEL COOL-FR
- Lower the inside window sash until it is in back of the angle bracket.
- 10. Fasten a stop above the inside sash to stop the window from being raised. IF THE WINDOW IS RAISED THE COOLER MAY FALL! NOTE: If you do not fasten the cooler to the window frame as below, support the cooler on a stand made to fit your installation.

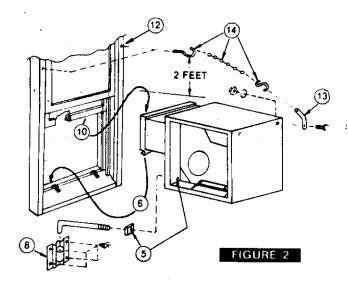
The following instructions are for use with the chain kit 32-61000.

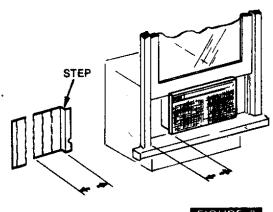
- 11. Drill 3/16 inch pilot holes in window frame. Screw hooks in to full thread depth.
- 12. Fasten straps to cooler cabinet. Use 5/16 x 5/8 screws, lockwashers and nuts. Tighten securely.
- Attach the chains and S hooks. Adjust until each chain is tight.

#### **PUT PANELS IN WINDOW (Figure 3)**

- 14. Put in the left panel first. See figure 3.
- Measure between the duct side and the window frame.
- Mark the measured distance (from 15) on the panel measured from the step. Break the panel on the first break line past the mark.
- Put the notched panel edge into the slot behind the grille frame. The notch fits around the cord.
- 18. Put in the right panel in the same way.







### NARROW WINDOW INSTALLATION (Figure 4)

- If window between 14 inches and 16 1/2 inches wide, you must remove both duct flanges. Reattach flanges to duct after it is put through window.
- Take the two outside louvers off the cooler. Page 9 shows how. Set the louvers where they will not fall.
- Raise the cooler to window level and place the duct flanges against window and window frame. Install spacer between the duct flange and window as required. Hold up the cooler with a temporary stand during installation.
- 4. Put a nut on each support rod. Insert the rods into the cabinet holes. The nuts must be on the outside of the cabinet. (Figure 6)
- Turn support rod adjustment nuts until rod ends touch the wall.
- Put rod ends into brackets. Be sure rods are level. Mark bracket screw holes on wall. Remove cooler from window and drill 1/8" pilot holes. Attach each bracket to wall with 4 each #8 x 5/8" screws.
  - Install cooler (Step 3). Put rod ends into brackets. TURN ADJUSTMENT NUTS TO LEVEL COOLER.
- Fasten a stop block next to the duct to prevent the duct from shifting and unhooking from the window frame (Figure 5). IF THE DUCT UN-HOOKS THE COOLER MAY FALL.
- TURN ADJUSTMENT NUTS TO LEVEL THE COOLER. (Figure 6, Key 5)
   NOTE: If you do not fasten the cooler to the

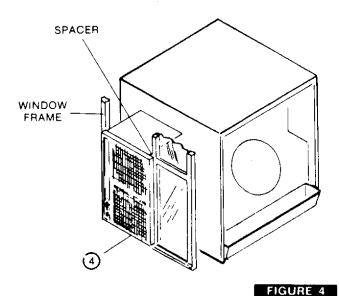
window frame as below, support the cooler on a stand made to fit your installation.

The following instructions are for use with the chain kit 32-61000.

- 9. Drill 3/16 inch pilot holes in window frame. Screw hooks in to full thread depth.
- Fasten straps to cooler cabinet. Use 5/16 x 5/8 screw, lockwasher and nut. Tighten securely.
- Attach chains and S hooks. Adjust until chain is tight.
- 12. Fill open space with glass in a removable frame to fit the window frame above the cooler.

#### THROUGH THE WALL INSTALLATION

With the duct changed to the vertical position, the cooler can be installed through a wall between existing interior wall studs (without cutting studs). Plan the work carefully so that interior water pipes and wiring won't be distrubed. Make sure installation complies with local codes.





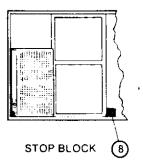
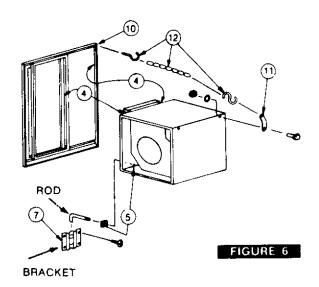


FIGURE 5



### FINAL ASSEMBLY & ADJUSTMENT PUT FLOAT VALVE IN COOLER

Put the float valve through the spout hole and cabinet hole. Tighten the ring nut. Be sure the float moves straight up and down. **TURN THE FLOAT UNTIL A NARROW SIDE IS UP.** Snap the splash guard cover into the water spout as shown. The water spout and splash guard cover are provided to prevent water from "spurting" and splashing outside the water reservoir.

#### **CONNECT WATER LINE**

Use Kit 32-62527 Copper Water Hook Up Kit - 25' of ¼" Copper Tubing plus a Brass Outdoor Faucet Adapter (Fig. 8). Kit 32-62528 is the same as above, but use plastic tubing instead of copper.

To hook up to a cold Pipe, use 32-62522 Saddle Valve and 32-62551 for 25' of ¼" Copper Tubing or 32-62552 for 50' of Copper Tubing (Fig. 7) RUN WATER TO CLEAR LINE BEFORE CONNECTING TO COOLER. Install line to Float Valve.

#### PUT IN WATER DRAIN KIT (Fig. 9)

 Push the BUSHING through the washer and into the water reservoir hole. Tighten the ring nut onto the bottom. Screw the overflow pipe into the bushing and tighten to prevent leaks. Repeat for the second reservoir.

#### **ADJUST WATER LEVEL**

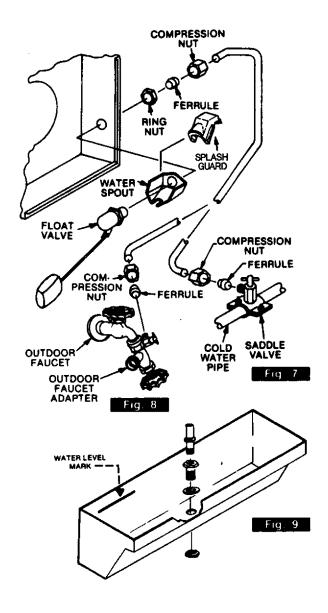
 Turn on the water. Check the water level when the float valve shuts off. If the water level is above the mark on the water tray, bend the float rod down; if the level is too low, bend the rod up.

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

#### START UP CHECKLIST

Before turning on your cooler check the following:

- 1. Duct is securely fastened to the window frame.
- 2. Cooler is level, front to back and side to side.
- Water supply is turned on and line fittings do not leak.
- Float valve is adjusted for proper water level. See page.6.
- 5. Belt tension is correct. See page 10.
- 6. Evaporative pads are correctly installed. See
- Pad motors are plugged into receptacles. See page 9.
- 8. All louver clips are snapped tight. See page 9.



- 9. Model 661.626020, 661.626920 requires a 15 ampere time delay fuse in the fuse box.
- Open windows, doors and vents to let out the hot house air.

Model 661.624921 requires 5 to 6 square feet of openings.

Model 661.626020 requires 7 to 8 square feet of openings.

Model 661.626920 requires 9 to 10 square feet of openings.

 Check out operations. Both pads moved in maximum cool high and low switch postions. (Only one pad moves in minimum cool high or low. Models 661.624921, 661.626020, 661.626920.)

#### **HOW YOUR COOLER WORKS (Figure 10)**

Your cooler evaporates water to cool air. Evaporative air cooling is the same natural cooling that happens when a breeze springs up after a summer shower. You feel cool because the rain water evaporates and carries away heat.

Your new design cooler has a motor (1) driven blower (2) which draws outside air through pads (3) which are turned by drive motors (4). The pads revolve in water reservoirs (5) filled through float valve (6) and water crossover pipe (7). The cooled air enters your home through the inside grille (8). If the output air is too cold you may switch this cooler from "Maximum Cool" to "Minimum Cool".

Then only one pad will turn, reducing the cooling effect. You may also run the cooler in "Vent" position when you want fresh air but no cooling.

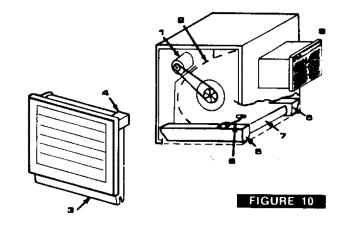
Relative humidity affects the cooling capacity of any cooler. See chart to determine the maximum amount of cooling possible at your outside temperature and outside humidity (Figure 11).

#### **COOLING YOUR HOME (Figure 12)**

Your cooler and windows or vents are the two parts of your air cooling system. Outside air is filtered and cooled, goes through your home, and carries away heat and many household odors. You control the air cooling flow to your rooms by opening doors, windows, or vents.

You must have window, door, or vent openings to let air out when the cooler runs. The total opening areas you need follow:

| MODEL      | TOTAL OPENING AREA            |  |  |  |  |
|------------|-------------------------------|--|--|--|--|
| 661.624921 | 5 square feet<br>minimum area |  |  |  |  |
| 661.626020 | 7 square feet<br>minimum area |  |  |  |  |
| 661.626920 | 9 square feet<br>minimum area |  |  |  |  |



|          |       | OUTS | IDE RE | LATIV       | E HUN | AIDITY | · % |      |      |
|----------|-------|------|--------|-------------|-------|--------|-----|------|------|
|          |       | 5    | 10     | 15          | 20    | 30     | 40  | 50   | 60   |
| J. P.    | 80 *  | 56*  | 58 *   | <b>60</b> * | 61*   | 64 *   | 67* | 69 • | 72   |
| PERATURE | 90 *  | 62*  | 64 *   | 66 •        | 68 •  | 72*    | 75* | 78*  | 81 * |
| TEX      | 100 * | 68*  | 71*    | 73*         | 75*   | 79 *   | 83* | 87*  | 90•  |
| OUTSIDE  | 110*  | 74*  | 77*    | 80.         | 82*   | 87*    | 92* | 95*  | _    |
| J.       | 120*  | 79*  | 83 *   | 86 *        | 95    | 100    | _   | _    |      |

COOLEST POSSIBLE OUTPUT TEMPERATURE OF COOLER

#### FIGURE 11

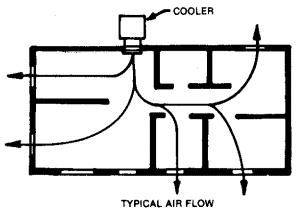
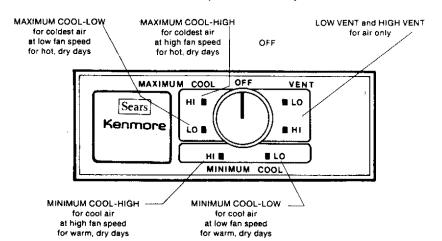
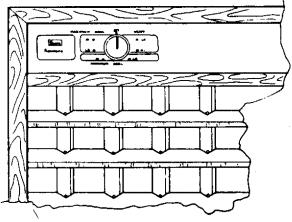


FIGURE 12

#### **COOLER CONTROL USE**

#### MODEL 661.624921, 661.626020, 661.626920

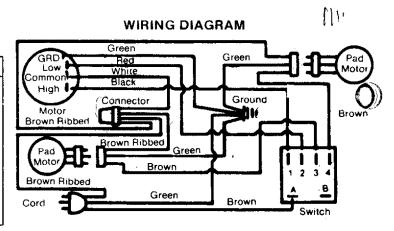




The grille fins are adjustable up and down and left and right.

#### **SPECIFICATIONS**

| Model Number   | 624921            | 626020            | 626920            |  |
|--|-------------------|-------------------|-------------------|--|
| Output cubic feet<br>per minute<br>industry rating<br>(High/Low) | 4300/2900         | 4700/3100         | 5600/3400         |  |
| Weight, pounds dry<br>with water<br>Volts, 60 HZ (cycles)        | 122<br>156<br>120 | 161<br>215<br>120 | 161<br>215<br>120 |  |
| Sears Pad No.  | 32-6290           | 32-6293           | 32-6293           |  |

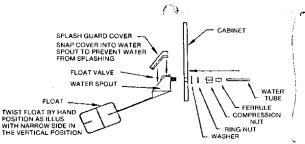


MODELS 661.624921, 661.626020, 661.626920

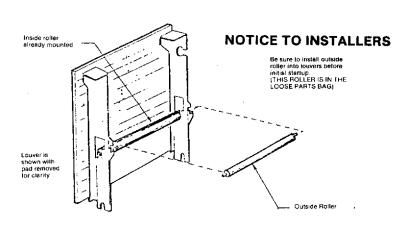
#### FLOAT VALVE INSTALLATION INSTRUCTIONS

It is of the Utmost Importance that the Float Valve, Splash Guard and Splash Guard Cover be installed exactly as described in the illustration below.

- The Float Valve-Must be installed with the narrow side of the float in the vertical position. If not installed this way the float will hang up and cause the reservoir drain pipes to overflow.
- 2) The water Spout and Water Spout Cover are provided to prevent water from "spurting" and splashing outside of the reservoirs. Snap in the Splash Guard Cover as illustrated below.



#### **INSTALLATION OF OUTSIDE ROLLERS**



CAUTION: ALWAYS UNPLUG YOUR COOLER BEFORE YOU WORK ON IT. YOU COULD BE HURT IF THE COOLER IS TURNED ON WHEN YOUR HANDS ARE INSIDE THE COOLER.

#### **SPRING CARE:**

Oil your cooler.

Put a new pad in if the old pad is plugged with dirt or water hardness.

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



#### OPERATION OF ROTO-BELT COOLERS IN "HARD WATER" AREAS

- 1. Clean the cooler frequently.
- Remove mineral build-up from water troughs and Roto Belts to prevent clogging.
- A water analysis will determine: Mineral Content, what water treatments can be used, what cleaning agents should be used.
- A "Bleed-Off" kit (32-62562) should be installed to help keep mineral build up to a minimum.

#### **CLEANING YOUR COOLER**

WARNING: NEVER WASH YOUR COOLER INTERIOR WITH A GARDEN HOSE. WATER MAY HARM THE MOTOR OR GET INTO YOUR HOUSE.

- Unsnap the six louver clips. Use a small screwdriver. See Fig. 13.
- 2. Unplug the pad motor and remove the louver.
- Connect a garden hose to the water tray drain fitting.
- Unscrew and remove the overflow pipe to drain the tray.
- 5. Take off the pad if it is dirty or plugged with hard water deposits.
- Use a sponge and mild detergent to wash the dirt and scale from the water tray and louver. DO NOT GET WATER ON THE PAD MOTOR!
- If the pads are plugged with hard water deposits and dirt, replace the pads.
- 8. Replace the overflow pipe and louver.

Note: Sears has an automatic Bleed-off System (32-62562) for your Roto Belt® cooler. It will help keep the water in the reservoirs clean and increase pad life.

#### SUMMER CARE:

Drain and clean your cooler every two months if your water is hard or the air is dusty.

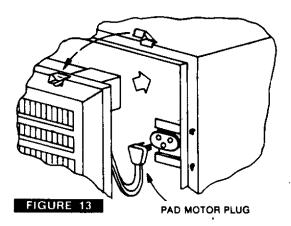
You may prolong pad life in many hard water areas if you drain the water tray every two to three weeks.

#### **FALL CARE:**

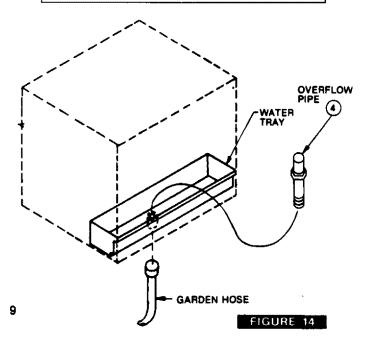
Drain the cooler and water line to prevent frost damage.

Cover the cooler or take it out of the window.

Sears has covers to fit your cooler.



WARNING: To Reduce The Risk Of Fire Or Electric Shock, Do Not Use This Fan With Any Solid-State Speed Control Device.



#### REPLACING THE PAD

- 1. Lift up the small roller ends to unsnap the two center rollers.
- Pull out and turn the top roller bearing arm to line up the slot.
- 3. Pull out the top roller end.
- 4. Remove and discard the pad.
- 5. Put the lower roller in the new pad.
- 6. Fit the lower roller into the louver frame slots.
- 7. Push the top roller through the pad. Fit the roller end over the pad motor shaft drive block.
- 8. Push the top roller end into the bearing.
- 9. Turn the bearing arm to hold the roller in place.
- Tuck the pad edges under the 2 guides on each side.
- Put the two small center rollers in place. Snap the small roller ends into the holders.

| MODEL NUMBER | SEARS PAD NUMBER |
|--------------|------------------|
| 661.624921   | 32-6290          |
| 661.626020   | 32-6293          |
| 661.626920   | 32-6293          |

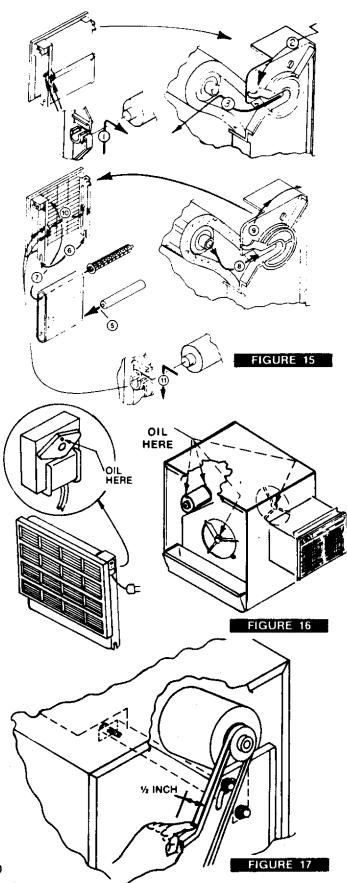
#### **OILING YOUR COOLER**

Use SAE 20 non-detergent motor oil. Oil your cooler once a year.

- Put 3 or 4 drops in the end bearing on each pad motor.
- Put 2 or 3 drops in each oil fill tube on the blower motor, unless motor is permanently lubricated, in which case it will not have oil tubes.
- 3. Fill the oil filler on each blower bearing.

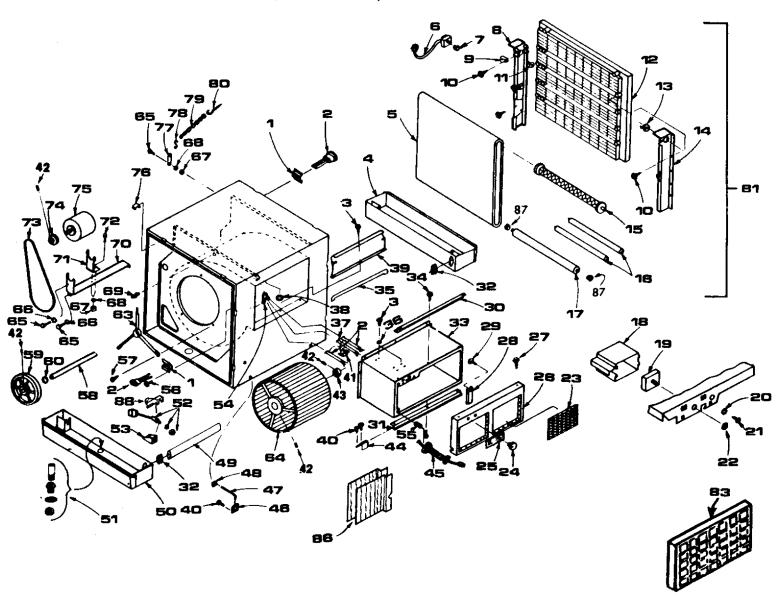
#### **BLOWER BELT ADJUSTMENT**

- If you can easily move the belt side to side over 1 inch, it needs adjustment.
- To adjust belt tension loosen the 3 motor mount bolts.
- 3. Push motor to tighten belt until it moves about 1/2 inch up with finger force.
- 4. Tighten 3 motor mount bolts.



#### KENMORE WINDOW TYPE EVAPORATIVE AIR COOLER

MODEL 661.624921, 661.626020, 661.626920



#### REPAIR PARTS KENMORE WINDOW TYPE EVAPORATIVE AIR COOLER MODEL NOS. 661-624921, and 661.626020 and 661.626920

NOTICE: Order by PART NUMBER, not by Key number. Refer to information below for parts ordering information.

| KEY | PART NO. FOR MODEL NO. |               |                             | KEY        | PART NOS. FOR MODEL NO. |                |                             |
|-----|------------------------|---------------|-----------------------------|------------|-------------------------|----------------|-----------------------------|
| NO. | 624921                 | 626020/626920 | PART DESCRIPTION            | NO.        | 624921 626020/626920    |                | PART DESCRIPTION            |
| 1.  | 30311-00               | 30311-00      | Receptacle Mount - (2 Req.) | 44.        | 30572                   | 30572          | Step Bracket - (2 Req.)     |
| 2.  | 30876                  | 30543         | Pad Motor Connector         | 45.        | 31501                   | 31501          | Cord. Electric (7'10"long)  |
| 3.  | STD610805              | STD610805     | Screw Hex. Hd. Ty B#8 X 1/2 | 46.        | 30160                   | 30160          | Wall Bracket - (2 Reg.)     |
| 4.  | 32013-10               | 32019-10      | Reservoir                   |            | 30161                   | 30161          | Support Rod - (2 Req.)      |
| 5.  | 32-6290                | 32-6293       | Evaporator Pad - (2 Req.)   | 47.<br>48. | 05494                   | 05494          | Nut Sq. 10-24               |
| 6.  | 32-6298                | 32-6298       | Motor (2 Reg)               | 49.        | 31985-01                | 31985-03       | Tube                        |
| 7.  | 29862                  | 29862         | Roller Drive - (2 Req.)     | 50.        | 32013-20                | 32019-20       | Reservoir                   |
| 8.  | 30297-01               | 30233-01      | Support, Motor Side         | 51.        | 31086                   | 31086          | Drain Overflow              |
| 9.  | 14201                  | 14201         | Clamp                       | 52.        | 30482                   | 30482          | Float Valve                 |
| 10. | 30465                  | 30465         | Screw Hex. Hd. Ty BT        | 53.        | 30418-01                | 30418-01       | Water Shield                |
|     |                        | · ·           | # 10 x %                    | 54.        | 30525                   | 30525          | Clamp                       |
| 11. | STD511103              | STD51103      | Screw Pan Hd 10-32 X %      | 55.        | 30462                   | 30462          | Bushing                     |
| 12. | 29931-01               | 30214-01      | Louver                      | 56.        | STD610803               | STD610803      | Screw Pan Hd. Ty AB         |
| 13. | 31047                  | 31047         | Bearing (2 Req.)            | 00.        | 010010000               | 0.0010000      | # 8 x %                     |
| 14. | 30296-01               | 30206-01      | Side Support (2 Req.)       | 57.        | 08133                   | 08133          | Screw Hex Hd. Ty B          |
| 15. | 30248-01               | 30224-01      | Drive Roller (2 Req.)       | ٥,٠        | 00133                   | ,              | 1/4-20 X 3/8                |
| 16. | 30234                  | 30211         | Roller (4 Req.)             | 58.        | 30241                   | 30238-02       | 5/4-20 A 3/6<br>Shaft       |
| 17. | 30236                  | 30212         | Bottom Roller (2 Req.)      | 59.        | 50124                   | 583091/583099  | Pulley (includes Key 42)    |
| 18. | 50222                  | 50222         | Switch Cover                | 60.        | 50124                   | 501241         |                             |
| 19. | 30488                  | 30488         | Switch                      | 63.        |                         |                | Washer, Leather             |
| 20. | 14982                  | 14982         | #8 Star Lockwasher          | 03.        | 30287                   | 30289          | Bearing Mount               |
| 21. | 30585                  | 30585         | Screw Hex. Hd. Tv T 8-      | ا م        | 00040                   | 00000          | St                          |
| 21. | 30363                  | 30363         |                             | 64.        | 30318                   | 30322          | Blower Wheel                |
| 22. | 14863                  | 14863         | 32 x 7/16                   | 65.        | 30551                   | 30551          | Screw Hex Hd. 5/16-18       |
| 23. | 29169                  | 29169         | Nut Hex. 3/8 - 24           |            |                         |                | 3/8                         |
| 24. | 30564                  | 30564         | Louver (2 Req.)             | 66.        | STD551137               | STD551137      | Lockwasher 3/8              |
|     | 30706                  | 30706         | Knob                        | 67.        | STD541031               | STD541031      | Nut 5/16-18                 |
| 25. |                        |               | Nameplate                   | 68.        | STD551131               | STD551131      | Lockwasher 5/16             |
| 26. | 50429                  | 50429         | Frame                       | 69.        | 14864                   | 14864          | Bushing                     |
| 27. | STD610905              | STD610805     | Screw Hex. Hd. Ty AB        | 70.        | 30306                   | 30305          | Motor Mount                 |
| 00  | 00504                  | 00004         | #8 x 1/2                    | 71.        | 50255                   | 50255          | Tail Mount                  |
| 28. | 30524                  | 30524         | Channel                     | 72.        | STD523107               | STD523107      | Screw Hex Hd. 5/16-18-      |
| 29. | 24391                  | 24391         | Screw Hex. Hd. Ty B         |            |                         |                | x 3/4                       |
|     | 20172                  |               | 8 x 7/16                    | 73.        | 30558                   | 30560/582006   | V-Belt '                    |
| 30. | 30172-01               | 30172-01      | Flange, Duct Top            | 74.        | 31085                   | 16579          | Pulley (includes Key 42)    |
| 31. | 30173-01               | 30173-01      | Flange, Duct Bottom         |            | •                       |                |                             |
| 32. | 31984                  | 31984         | Grommet                     | 75.        | 32-61073                | 32-61074/61075 | Motor                       |
| 33. | 30513-01               | 30512-01      | Duct                        | 76.        | 30105                   | 30105          | Clip (12 Req.)              |
| 34. | STD611005              | STD611005     | Screw Hex. Hd. Ty AB        | 77.        | 30565                   | 305 <b>6</b> 5 | Strap                       |
|     |                        |               | #10 x 1/2                   | 78.        | 30567                   | 30567          | S-Hook                      |
| 35. | 30848                  | 30848         | Gasket                      | 79.        | 30566                   | 30566          | Chain                       |
| 36. | 18741                  | 18741         | Washer, Rubber              | 80.        | 30568                   | 30568          | Screw Hook                  |
| 37. | 30539                  | 30882         | Switch Cord                 | 81.        | 30339                   | 30338          | Louver Assembly (Keys 5-17) |
| 38. | 29816                  | 29816         | Bushing                     |            |                         |                | - · · · · ·                 |
| 39. | 30208                  | 30177         | Baffle                      | 83.        | 32-6230                 | 32-6230        | Grille Cover (2 Req.)       |
| 40. | STD610807              | STD610807     | Screw Pan Hd. Ty AB         | *          | 32-62562                | 32-62562       | Bleed Kit Optional          |
|     |                        |               | #8 x 3/4                    | *          | 522216                  | 522216         | Owners Manual - F642-1089   |
| 41. | 30529                  | 30529         | Strain Relief               | 86.        | 30569                   | 30569          | Side Panels                 |
| 42. | STD503105              | STD503105     | Set Screw - 5/16 - 18 x 1/2 | 87.        | 24971-1                 | 24971-1        | Bushing - Bottom Roller     |
|     | .                      |               | Hex Socket                  | 88.        | 523122                  | 523122         | Splash Guard Cover          |
| 43. | 501280                 | 501243        | Collar                      | *          | 32-6201                 | 32-6202        | Winter Cooler Cover         |
|     |                        |               |                             |            |                         |                |                             |

<sup>\*</sup> Not Shown

**Model Numbers** 

661.624921

661.626020

661.626920

The Model Number of your Evaporative Air Cooler will be found on the cooler cabinet label.

#### **How to Order Repair Parts**

All parts listed herein may be ordered from any SEARS ROEBUCK AND CO. service center.

#### WHEN ORDERING REPAIR PARTS ALWAYS GIVE THE FOLLOWING INFORMATION:

- PART NUMBER (SEE REPAIR PARTS)
   PART DESCRIPTION (SEE REPAIR PARTS)
- 3. MODEL NUMBER
- 4. NAME OF ITEM (EVAPORATIVE COOLER) If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for handling.