




Kohler Whirlpool Baths

1-Speed Pump Models With Air Switch

Owner's Manual



**IMPORTANT SAFETY INSTRUCTIONS.  
READ AND FOLLOW ALL INSTRUCTIONS.  
INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC  
SHOCK, OR INJURY TO PERSONS.  
SAVE THESE INSTRUCTIONS.**

 **WARNING: Risk of Injury or Electric Shock.** When using this unit, always follow basic precautions, including the following:

The unit must be connected only to a circuit that is protected by a Ground-Fault Circuit-Interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis.

To test the GFCI, press the test button. The GFCI should interrupt power. Press the reset button. Power should be restored.

If the GFCI fails to operate in this manner, there is a ground current flowing or the GFCI is defective. **The possibility of an electric shock may exist. DO NOT use this unit.** Disconnect the unit and have the problem corrected by a qualified licensed electrician.

**For domestic (USA) models only:** To reduce the risk of electric shock, connect only to a properly grounded, grounding type receptacle, protected by a Ground-Fault Circuit-Interrupter (GFCI). Do not remove the plug's ground pin. Do not use a grounding adapter.

**For International models only:** (Permanently connected units.) An equipment grounding terminal is provided in the field wiring compartment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electric supply panel with a conductor equivalent in size to the circuit conductors supplying this equipment.

A pressure wire connector is provided on the exterior of the pump or control within this unit to permit connection of a bonding conductor between this unit and all other exposed metal in the vicinity, as needed to comply with local requirements.

**IMPORTANT!** Flush your whirlpool system, and clean your neck pillow cover twice a month or more depending upon usage, as described on Page 6.

**DO NOT** operate this unit without the guard on the suction fitting.


Never drop or insert any object into any opening.

Use this unit only for its intended use as indicated in this manual. **DO NOT** use attachments not recommended by the Kohler Co.

Keep small objects such as bath toys and bathing accessories out of the whirlpool while the pump is operating.

**NOTE:** Whirlpool action can cause even a small amount of bubble bath, bath soap, shampoo, or bath oil to foam excessively. For this reason, refrain from using these products during the whirlpool cycle.

**NOTE:** Repeated use of personal care products containing oils can damage plastic whirlpool components. Do not use heavy, vegetable-based shampoos or bath oils.

 **DANGER: Risk of Injury.** Hot whirlpool baths can put certain stresses on the body, as does any hot bath, shower, sauna, or steam bath. **Prolonged immersions in hot water may induce hyperthermia.** Symptoms of hyperthermia include an increase in the internal body temperature, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include (1) failure to perceive heat, (2) failure to recognize the need to exit the bath, (3) unawareness of impending hazard, (4) fetal damage in pregnant women, (5) physical inability to exit the bath, and (6) unconsciousness resulting in the danger of drowning. **Warning - The use of alcohol, drugs, or other medication can greatly increase the risk of fatal hyperthermia.**

 **DANGER: Risk of injury.** To reduce the risk of injury, do not permit children to use this unit unless they are closely supervised at all times.

Water temperature in the whirlpool should not exceed 104° F (40° C).

Your new Kohler whirlpool (USA models only) has been listed by Underwriter's Laboratories, thus ensuring safety for you and your family. Your new whirlpool also conforms to rigid ANSI and IAPMO standards set within the plumbing industry.

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### 1. INTRODUCTION

All information in this manual is based upon the latest product information available at the time of publication. Kohler Co. reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.

Identify and record below the model and serial number (found at the pump end of the whirlpool):

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_ Date of Manufacture \_\_\_\_\_

## 2. THEORY OF OPERATION

### A. ACCESS PANEL LOCATION

Access must be provided to perform any service to your whirlpool. When reading this information, it is a good idea to open your access panel and familiarize yourself with the components described below.

**After reading this manual, contact your Kohler dealer if you have any questions.**

### B. BASIC WHIRLPOOL COMPONENTS

Your new Kohler whirlpool consists of the following components.

- **The bath:** acts as a reservoir for water and provides a location for whirlpool action.
- **The air actuator control:** This control turns the whirlpool on and off through the activation of a sensing device. Pressing the actuator one time sends a pulse of air through flexible plastic tubing to a switch within the pump.
- **Adjustable jets:** placed strategically for optimum hydro-massage. You control the air and water flow of each jet. The air and water flow is determined by how far you open up the jet nozzle.

- **The 1-speed pump motor unit:** provides the power to move the water and create the soothing whirlpool action. The one-speed pump/motor provides the power to move the water and create the soothing whirlpool action. A built-in timer shuts off the pump/motor after 20 minutes of operation.

**NOTE:** The one-speed pump/motor assembly **must be** protected with a Class A Ground-Fault Circuit-Interrupter (GFCI) supplied by your installer to prevent electrical line-to-ground shock hazard. **Never bypass the GFCI. If the GFCI trips or the whirlpool is not working properly, call a Kohler authorized service representative to repair the problem.**

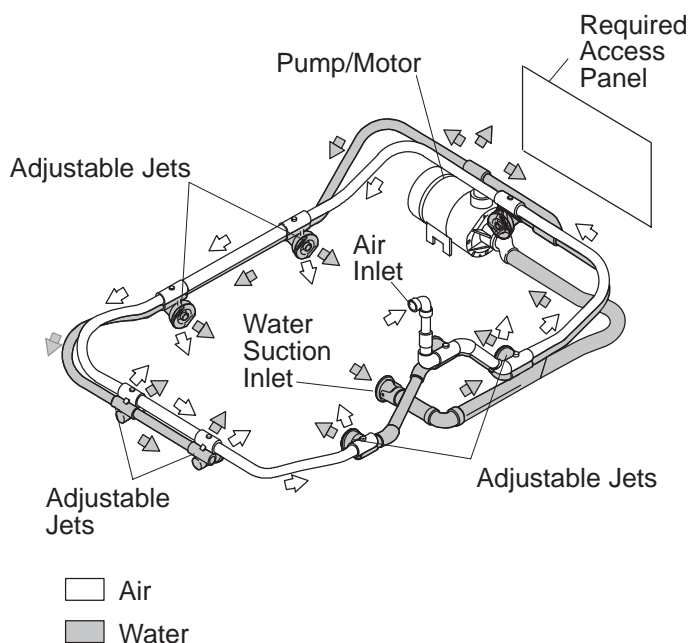
### C. WATER AND AIR FLOW CYCLE

The diagram shows the water and air flow for a typical Kohler whirlpool bath. Once you fill your whirlpool with water, it becomes a self-contained system.

Water is drawn from the bath through the **water suction inlet** located near the bottom of the bath. The water is pulled into the pump and forced back out into the bath through adjustable jets located in the bath walls. The suction inlet is protected with a cover to prevent small objects or hair from becoming entrapped.

Air is drawn into the stand pipe, mixed with the water stream at the jets and is adjusted by rotating each individual jet flange.

This cycle continues as long as the pump and motor are operating. A built-in timer automatically shuts off the pump and motor after 20 minutes of operation.



### 3. OPERATING INSTRUCTIONS

#### A. START-UP WHIRLPOOL

Your Kohler Whirlpool Bath promises many hours of massaging relaxation and enjoyment. Turn on the whirlpool jets for a vigorous hydro-massage – each jet can be adjusted individually for optimum air and water mixture and flow.

Please perform the following so that you can safely receive the benefits of whirlpool bathing.

**To use:** Fill your whirlpool bath to a water level 2” to 3” above the highest jets.

Press the air actuator control. The whirlpool will operate until:

- you press the air actuator button again,
- the whirlpool timer automatically turns off the whirlpool pump/motor after 20 minutes of operation.


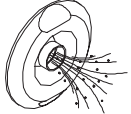

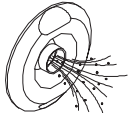



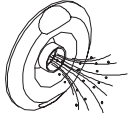
#### B. OPERATING SEQUENCE

**⚠ WARNING: Risk of injury or property damage.** Whirlpool controls are factory installed. Do not relocate or modify controls as this could adversely affect safe operation.

Refer to chart for proper operating sequence.

This cycle continues as long as the pump and motor are operating. A built-in timer automatically shuts off the pump and motor after 20 minutes of operation. When the whirlpool shuts off automatically, you can activate the pump/motor by pressing the air actuator again.

**Refer to Important Safety Instructions located on Page 2 of this manual before operating this whirlpool.**

TO	METHOD	OBSERVE
Turn on the whirlpool massage.		
To add air and water to whirlpool action, rotate the flange counterclockwise. To reduce air and water, rotate it clockwise.	<p>Reduce Air and Water</p>  <p>Add Air and Water</p>	
Shut off whirlpool.		
Restart whirlpool after 20 minute cycle is complete.		

## 4. CARE AND CLEANING INSTRUCTIONS

### A. CLEANING YOUR ACRYLIC WHIRLPOOL

**Do not** use abrasive cleansers or solvents on acrylic surfaces.

Wipe out your acrylic whirlpool with a soft cloth after each use to prevent a build-up of soap and scum. If the surface gets excessively dirty you can use a general purpose cleaner such as: Cinch®, Glass Plus®, 409® All Purpose, Dow Soap Scum and Mildew Remover, Scrub Free® Mildew Remover, Mr Clean® Lemon Fresh, or Fantastik®. You can also use an automotive-type polishing compound, followed by an application of good-quality paste wax.

Avoid cleaning products that contain the following chemicals, as they will damage the finish of your acrylic whirlpool: acetone, ethyl alcohol, amyl or ethyl acetate, sodium hypochlorite, toluene, or phenol.

Extreme heat such as that generated by cigarettes or portable heaters can damage acrylic surfaces; do not use such items near your whirlpool.

### B. CLEANING YOUR GEL COAT WHIRLPOOL

Wipe your gel coat bathing product with a clean, soft cloth after each use to prevent a build-up of soap and scum. If the surface gets excessively dirty, use a general purpose cleaner such as: Scrub Free® Soap Scum Remover, 409® All Purpose, Mr. Clean Lemon Fresh, Glass Plus®, or Fantastik®. You can also use an automotive-type polishing compound, followed by an application of good-quality paste wax.

**Do not** use abrasive cleansers or solvents on gel coat bathing products.

Avoid cleaning products that contain the following chemicals, as they will damage the finish of your gel coat bathing product: acetone, ethyl alcohol, amyl or ethyl acetate, sodium hypochlorite, toluene, or phenol.

Extreme heat such as that generated by cigarettes or portable heaters can damage gel coat surfaces; do not use such items near your bathing product.

### C. CLEANING YOUR VIKRELL WHIRLPOOL

One of the joys of owning a Kohler Vikrell unit is the ease of cleaning. There are no seams or tight corners for lime or mildew build-up. As with any smooth surface, **avoid using abrasive cleansers** on your Vikrell whirlpool. Abrasive cleansers will scratch and dull the surface. It also helps if you wipe out your whirlpool after each use to prevent a build-up of soap and mineral deposits.

If the surface of your Vikrell unit becomes dull, you may use an automotive-type rubbing compound on the unit followed by a good application of paste wax.

**NOTICE: Risk of product damage.** Avoid products containing the following chemicals, as they will damage the finish: acetone, ethyl alcohol, amyl or ethyl acetate, sodium hypochlorite, toluene, phenol. Extreme heat, such as that generated by cigarettes or portable heaters, can damage whirlpool surfaces; do not use such items near your whirlpool bath.

### D. CLEANING YOUR KOHLER SOFTGRIP HANDLES (AVAILABLE WITH SOME MODELS)

Wipe your SoftGrip handles with mild soap and water for general cleaning. If the surface gets excessively dirty, use a soft bristle brush with a multi-purpose, non-abrasive cleanser or an automatic dishwashing detergent powder.

### E. FLUSHING YOUR WHIRLPOOL SYSTEM

Flush your whirlpool system twice a month or more, depending upon usage. Use the following sequence:

- Adjust the jets so there is no air induction;
- Fill the whirlpool with hot water to a level above the back jet water sensors;
- Add 2 teaspoons of a low-foaming dishwasher detergent, and 1/2 cup of household bleach to the water;
- Run the whirlpool for 5 to 10 minutes in each massage mode; then drain;
- Fill with cold water to a level above the back jet water-level sensors, and run the whirlpool for another 5 to 10 minutes in each massage mode. Drain the whirlpool, and wipe it dry with a soft cloth.

## 5. TROUBLESHOOT WHIRLPOOL SYSTEM

This troubleshooting guide is for general aid only. A Kohler Authorized Service Representative or a qualified electrician should correct all electrical problems. For warranty service, contact your dealer or wholesale distributor.

<b>SYMPTOMS</b>	<b>PROBABLE CAUSES</b>	<b>RECOMMENDED ACTION</b>
1. Whirlpool does not start/stop.	A. No power to pump motor.	A. Set/Reset GFCI breaker; check wiring. If problem persists, refer to installer/dealer.
	B. Faulty air switch in pump motor.	B. Replace air switch in pump motor. Refer to installer/dealer.
	C. Faulty air actuator.	C. Replace air actuator. Refer to installer/dealer.
	D. Air actuator tubing disconnected, loose, kinked, plugged, or damaged.	D. Connect, tighten, straighten, clean, or replace air actuator tubing. Refer to installer/dealer.
	E. Faulty pump/motor.	E. Repair or replace pump/motor. Refer to installer/dealer.
2. Motor starts, all jets are not functioning.	A. Jet is closed.	A. Rotate jets counterclockwise to open.
	B. Trim kit installed incorrectly.	B. Reinstall trim kit, checking for damage to O-ring. Refer to installer/dealer.
	C. Jets are blocked.	C. Remove blockage.
3. Motor turns, water is pumping, but there is no air injection.	A. No aspiration at jets.	A. Rotate jets counterclockwise.
	B. Jet O-rings are missing.	B. Replace jet O-rings. Refer to installer/dealer.
4. Whirlpool stops automatically before 18 minutes.	A. GFCI trips.	A. Identify source of fault and correct. Refer to installer/dealer.
	B. Suction blocked.	B. Remove obstruction.
	C. Jets are blocked.	C. Remove blockage.
	D. Motor overheated and protection device activated.	D. Check for blockage at motor vents. Remove blockage and allow motor to cool. Check for suction blockage. Remove blockage and allow motor to cool. Check for jet blockage. Remove blockage and allow motor to cool.
5. Whirlpool does not automatically stop after 22 minutes.	A. Faulty timer mechanism.	A. Replace timer board. Refer to installer/dealer.
6. Jet squeals/is noisy.	A. O-ring is unseated.	A. Remove jet and replace O-ring onto jet valve body; reinstall jet. Refer to installer/dealer.
7. Whirlpool is noisy.	A. Shipping straps holding pump to bath have not been cut.	A. Cut straps so pump rests on subfloor.



## 6. IMPORTANT CONSUMER INFORMATION

### A. REQUESTING SERVICE

Please take a moment to familiarize yourself with the Kohler Warranty, its benefits, and limitations. Kohler Co. and its distributors support you with one of the largest Service Networks of its type. Here's what you need to do if you require service:

1. Contact the dealer or contractor who sold and installed the product. They should be able to solve any problems you may have.
2. If your dealer or contractor cannot solve the problem, they will contact or supply you with the name of the local Kohler Distributor and the:

 KOHLER TECHNICAL SPECIALIST

3. If you are unable to obtain warranty service through either your contractor or Kohler Co. distributor, please write us directly at Kohler Co., Attn: Customer Service Department, 444 Highland Drive, Kohler, WI 53044 USA
4. Include all pertinent information regarding your claim, including a complete description of the product, model numbers, colors, finishes, and the date the product was installed. Include a description of the problem, and a photocopy of your invoice for the products involved. Also give us the name of the contractor and distributor.

### B. LIMITED ONE-YEAR WARRANTY

Kohler plumbing fixtures and fittings are warranted free of manufacturing defects.

Kohler Co. will, at its election, repair, replace, or make appropriate adjustment where Kohler Co. inspection discloses any such defects occurring in normal usage within one year after installation. **Kohler Co. is not responsible for installation or removal costs.**

To obtain warranty service, contact Kohler Co. either through your Dealer or Plumbing Contractor, or by writing Kohler Co., Attn: Customer Service Department, 444 Highland Drive, Kohler, WI 53044 USA, or by calling **1-800-4-KOHLER** from within the USA.

**Implied warranties, including that of merchantability or fitness for a particular purpose, are expressly limited in duration to the duration of this warranty. Kohler Co. disclaims any liability for special, incidental, or consequential damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of special, incidental, or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

This limited warranty provides specific legal rights as they apply within the USA, and other rights may be available, but may vary from country to country.

This is our exclusive written warranty.

KOHLER CO., KOHLER, WISCONSIN 53044