

LIMITED WARRANTY

NuWhirl Systems Corp. ("NuWhirl") warrants to the original purchaser that all products will be free of material defects in materials and workmanship for a period of

- Ten (10) years in the case of pumps and heaters used in residential applications;
- Five (5) years in the case of non-plated plastic fittings used in all applications;
- One (1) year in the case of all other products including, without limitation, air blowers, electronic controls and lights, and plated plastic fittings used in all applications and pumps and heaters used in commercial applications;

in each case, beginning on the date of purchase. This warranty may not be transferred or assigned to anyone other than the original purchaser.

In the event of any such defect, NuWhirl may, in its sole discretion, repair or replace the defective product or refund the purchase price thereof.

To obtain warranty service, purchaser must return product to NuWhirl during the warranty period. NuWhirl will pay the freight costs for the return of any products for warranty service. Purchaser is responsible for all other costs incurred in obtaining warranty service, including, without limitation, all cost of removal and reinstallation of product. Purchaser is responsible for all freight costs for return of products not covered by warranty or returned for reason other than warranty service.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

NUWHIRL'S LIABILITY, IF ANY, WHETHER ARISING FROM BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, INDEMNITY, STRICT LIABILITY OR OTHER TORT, OR OTHERWISE WITH RESPECT TO ITS PRODUCTS IS LIMITED TO AN AMOUNT NOT TO EXCEED THE PRICE OF THE PARTICULAR GOODS OR SERVICES GIVING RISE TO THE LIABILITY. IN NO EVENT SHALL NUWHIRL BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, WATER DAMAGE TO STRUCTURES OR OTHER PROPERTY.

The foregoing warranty shall not apply to any product which:

- has been damaged by or subject to negligence, abuse, misuse, misapplication, improper installation, alteration or modification, chemical corrosion, or improper maintenance;
- has been used in a manner contrary to written instructions supplied with the product;
- has been altered or repaired by anyone not either an authorized representative of NuWhirl or at the direction of such a representative;
- is due to normal industry color variation;
- has had the model identification or serial number removed, defaced or altered; or
- requires repair or replacement due to wear and tear, including, without limitation, worn-out motor brushes.

There will be a charge for replacement or service if products are returned for any of the reasons listed above and purchaser will be responsible for all freight costs.

Products, systems, components and fixtures not supplied or manufactured by NuWhirl may be installed in connection with NuWhirl products. NuWhirl makes no warranty with respect to such products, systems, components and fixtures.

NuWhirl does not perform and does not warrant the installation (including, without limitation, plumbing and electrical hookup) of NuWhirl products or any other products, systems, components or fixtures installed in connection therewith and is not responsible and accepts no liability therefor.

NuWhirl reserves the sole authority to make any type of warranties or representations concerning NuWhirl or its products. This warranty cannot be modified except in a writing signed by an authorized officer of NuWhirl. NuWhirl will not be responsible for any warranties or representations made by any third party, including dealers, retailers, distributors, or contractors.

RETAIN THIS MANUAL FOR FUTURE REFERENCE



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WHIRLPOOL BATH BLOWER Installation and Operation Manual

SAFETY INSTRUCTIONS

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. WARNING - To reduce the risk of injury, DO NOT PERMIT CHILDREN TO OPERATE THIS PRODUCT UNLESS THEY ARE CLOSELY SUPERVISED BY AN ADULT, at all times.
3. All electrical wiring of the blower installation must be done by a licensed electrician in accordance with applicable electrical codes. Make sure power is off from source before installation.
4. WARNING - Risk of electric shock. Connect only to a ground type receptacle or power supply junction box protected by a Ground-Fault Circuit Interrupter (GFCI). Contact a qualified electrician if you cannot verify that the power supply is protected by a GFCI. The GFCI should be tested on a routine basis. Consult the GFCI manufacturers instructions for correct testing and operation.
5. To reduce risk of electric shock, replace damaged cord immediately. Do not use an extension cord to connect the blower to the electric supply; provide a properly located receptacle or junction box.
6. An access panel, for inspecting the blower is recommended for all installations. Make sure power to the blower is off during inspection.
7. CAUTION - This blower is intended for use on Whirlpool Bathtubs only, as described in this manual. Other than for service replacement, this blower is suitable only for factory assembly and installation.

SAVE THESE INSTRUCTIONS

Follow all instructions closely. Any misuse, modification, or alteration of the blower will void all certifications and warranties.

For your records, and future reference, please fill in data below:

MODEL #: _____

SERIAL #: _____

INSTALLATION INSTRUCTIONS

BLOWER INSTALLATION

1. The blower must be installed by the manufacturer of the whirlpool bathtub prior to shipping the bathtub.
2. Install the blower on a flat horizontal surface using appropriate hardware.
3. To reduce noise, provide or install vibration resistant pads underneath the blower mounting feet.
4. Connect the outlet piping to the blower: If the blower has a slip-socket, insert the piping and secure with the supplied clamp. Do not glue the pipe into the socket. If the blower has a threaded outlet, hand tighten the union nut to the blower. The o-ring in the union is all that is necessary to secure a leak-free joint, do not use any Teflon tape or pipe joint compound on the threads of the union.

BLOWER WIRING

1. **Make sure power is off from the source before installation.**
2. The blower must be wired for the proper voltage by a licensed electrician in accordance with all applicable electrical codes.
3. The voltage, ampere draw, and frequency are listed on the blower nameplate—DO NOT EXCEED NAMEPLATE VOLTAGE.
4. Install an outlet receptacle or junction box (depending on the power cord configuration supplied on the blower) within range of the power cord.
5. The conductors to supply power to the outlet receptacle or junction box must be large enough to carry the necessary amperes for the required length without excessive voltage drop.
6. The power to the blower should be on a dedicated branch circuit that is protected by a Ground-Fault Interrupter Circuit (GFCI). The GFCI should be readily accessible for routine operational testing.
7. All internal wiring has been completed at the factory. No additional wiring is required in the terminal box compartment.
8. The metal enclosures of all electrical components, current collectors, and other metal in contact with the tub water shall be bonded together with individual solid copper bonding conductors not smaller than #8 AWG. A bonding lug for this purpose is provided on the blower, if required.

SERVICE

The blower has been designed and tested to give trouble-free operation over the lifetime of the bathtub. If the system does not operate as described, stop the blower and contact the bathtub manufacturer or supplier.

Do not attempt to service the blower. There are no field replaceable parts.

Any service performed on the whirlpool system must be performed by a qualified service technician in accordance with applicable codes. Before working on electrical equipment, be certain that the power is off at the source.

Replace blower with a blower of equal power. Changing the power of the blower (higher or lower) may adversely affect the performance of the blower and the whirlpool system.

OPERATING INSTRUCTIONS

Your blower equipped whirlpool system is operated by separate controls. An operating manual should have been provided to you with those controls to explain their specific operation.

In general, the blower may be controlled by either an air button or a keypad on the bathtub.

With an air button control, the blower may function as a single or multi speed unit. If the control is single speed, subsequent presses of the button will turn the blower on and off at full speed. If the control is multi speed, either successive presses of the button will activate the different speeds of the blower before turning the blower off, or a press and hold action will vary the speed of the blower. With multi speed controls a "Massage" or wave mode may be included where the power of the blower is alternated between full power and low power.

With a keypad control, the blower may function as a single, but more likely, multi speed unit. The action of the keys may require press and release or press and hold actions to perform functions. A key with a "+/-" symbol may be provided to raise or lower the power of the blower.

Such controls may include timer functions that will typically turn the blower off after 20 minutes of run time.

In nearly all cases the control will include a "dry cycle" or "purge" function. This is a preset function that will automatically turn the blower on for a short period of time at a set interval after the blower has been turned off (either manually or by the timer function).

This short period of running the blower will act to purge out, or dry out any residual water that is in the caps of the air inlet fittings and/or the air supply lines feeding them. This is a desirable feature to keep the system clean and fresh and is an intended function of the system that should not cause any concern or alarm.

Again, the operating examples above are generalizations, the specific operation of your system may be different, and a separate manual should have been provided to explain their exact operation.