

SHOWER SYSTEMS



OWNER'S MANUAL INSTALLATION GUIDE

Installer: this booklet must be given to the product owner. Please note important information below:

Model # _____

Manufacturer's Date _____

Registration # _____



OWNER'S MANUAL AND INSTALLATION GUIDE

Thank you for choosing an MTI Acrylic Shower System Product. We know it will give you many years of pleasure. The instructions in this booklet will provide you with the information you need to install, operate and care for the product. Our customer service department is available to answer any additional questions you may have pertaining to the installation or operation of your Shower System product. Please call 1-800-783-8827 to speak to our Service Department. For faster service, please have your warranty registration number (serial number) ready when calling.

HOMEOWNERS

Warranty Card **MUST** be returned within
120 DAYS to validate your warranty!
see your Homeowner's Packet for details

Reg# 12345 800-783-TUBS

MTI WHIRLPOOLS INC.

MTDS-JD	02/15/07
MODEL NUMBER	MFG. DATE
DANGER-RISK OF ELECTRIC SHOCK - Connect only to a circuit that is protected by a ground-fault circuit interrupter (GFCI)	
VOLTS: 115 AMPS: 9 CYCLE: 60	12345
SA	MPLE
SP ELECTRICAL & PLUMBING ELECTRIQUE & PLOMBERIE HYDROMASSAGE	SERIAL NUMBER
US	DANGER-RISK OF ELECTRICAL SHOCK - CONNECT ONLY TO A CIRCUIT THAT IS PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER (GFCI)
Master Contract Number 203160	USE COPPER CONDUCTORS ONLY

IMPORTANT SAFETY INSTRUCTIONS

WARNING: WHEN USING ELECTRICAL PRODUCTS, BASIC PRECAUTIONS SHOULD BE FOLLOWED, INCLUDING THE FOLLOWING

This manual contains information and instructions for proper operation and maintenance of your whirlpool. Failure to follow these instructions could result in personal injury, electrical shock or fire.

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

READ AND FOLLOW ALL INSTRUCTIONS

- ⚠** Do not permit children to use this unit unless they are closely supervised by an adult at all times. Supervision is also required when bath is used by an elderly or handicapped individual.

- ⚠ Use this unit only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer. Never drop or insert any object into any opening.
- ⚠ Do not operate this unit without guard over the suction fitting.
- ⚠ The water in a whirlpool should never exceed 40° C (104° F). Water temperatures between 38° C (100° F) and 40° C (104° F) are considered safe for a healthy adult. Use time should be limited to approximately 10 minutes, followed by a shower to cool down. Longer exposures may result in hyperthermia, which can be fatal. The symptoms of this condition are nausea, dizziness and fainting. Lower water temperatures are recommended for extended use (exceeding 10 - 15 minutes) and for young children.
- ⚠ Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit water temperatures to 38° C (100° F).
- ⚠ The use of drugs or alcoholic beverages before or during whirlpool use may lead to unconsciousness with the possibility of drowning. Never use the whirlpool while under the influence of alcohol, anticoagulants, stimulants, antihistamines, vasoconstrictors, vasodilators, hypnotics, narcotics or tranquilizers.
- ⚠ Persons with a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a whirlpool.
- ⚠ Persons using medication should consult a physician before using a whirlpool since medication may induce drowsiness while other medication may affect heart rate, blood pressure and circulation.
- ⚠ **DANGER:** To reduce the risk of injury, enter and exit the bath slowly.
- ⚠ **WARNING:** Never operate electrically connected devices in or within 5' of the bath. Never drop or insert any object into any opening within the whirlpool.
- ⚠ **DANGER:** Risk of electric shock. Connect only to circuits protected by a Ground Fault Circuit Interrupter (GFCI). Such a device should be installed by a licensed electrician and should be tested on a regular basis (at least monthly). To test the GFCI push the TEST button. The GFCI should interrupt the power. Push the RESET button and the power should be restored. If the GFCI fails to operate in this manner there is the possibility of an electric shock. DO NOT USE. Disconnect the unit and have the problem corrected by a qualified service technician. To avoid the possibility of personal injury and discoloration of the acrylic surface, the inlet water temperature should not exceed 60° C (140° F).
- ⚠ **DANGER:** Disconnect power before servicing.
- ⚠ 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.

INSTALLER/OWNER BEARS ALL RESPONSIBILITY TO COMPLY WITH ALL STATE AND LOCAL CODES WHEN INSTALLING THIS PRODUCT.

- ⚠ **CAUTION:** Do not use harsh abrasives or solvents for cleaning this unit.

SAVE THESE INSTRUCTIONS

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SHOWER BASE INSTALLATION INSTRUCTIONS

Important: Read all instructions carefully before beginning installation.

Before Installing: Inspect shower base thoroughly.

- A. Damage from shipping or delivery must be reported to carrier immediately. Do not install damaged shower base. MTI Baths is not responsible for damage occurring during shipping and/or handling.
- B. Factory defect must be reported to factory before base is installed. Defects claimed after installation will exclude warranty.
- C. Do not store product in temperatures below 32° Fahrenheit.
- D. Proper drain installation is the responsibility of the installer. MTI does not warrant leaks associated with improper drain installation.

INSTALLATION PROCEDURES

MTI offers three types of shower bases: Integral Acrylic (molded) Flange, Multiple Threshold with Factory Installed Tile Flange and Barrier Free Shower Bases. All shower bases have the same basic installation instructions. The Barrier Free shower bases are designed to have the finished floor at the same height as the front threshold of the base, allowing for a smooth transfer surface. This can be most easily achieved by recessing the base into the subfloor. There may be alternative methods; MTI recommends a professional contractor to inspect the individual job site to determine the best way to achieve the finished product and function desired.

1. Check floor surface for level.
2. Mark flange of shower base where it aligns with wall studs.
3. Pre-drill a minimum of three holes on each side of the shower base flange to align with selected wall studs. Place enough bedding compound (MTI recommends Quikrete Sand Mix #1103) to fill void between the bottom of the shower base and floor. **If your shower base was ordered with the pre-leveled foam option, no bedding compound is necessary.**

Note: If your floor is not perfectly level, use enough bedding compound to achieve level.

4. Work shower base into bedding compound.
5. Ensure shower base is level, both front to back and side to side.
6. Attach shower base to wall studs using the pre-drilled holes in the flange. Start on one front corner, and work your way around the entire base. If you are installing a seated base, always start with the seat side of the base.

DO NOT ATTEMPT TO DRIVE NAILS THROUGH THE INTEGRAL FLANGE.

Note: On some bases, the walls may appear to have a very slight bend or bow. This will correct itself as you make your way around the base, securing it to the wall studs.

7. Complete drain installation. Do not use plumber's putty, as it can yellow acrylic over time and possibly discolor some finishes. MTI recommends clear silicone, as its flexibility can also be a benefit in preventing leakage in the future
8. Allow bedding compound to harden overnight before use.

Note: If ordered with Radiance, the control box must be accessible for future service.

SHOWER BASE CLEANING INSTRUCTIONS

The cross-linked cast acrylic surface of all MTI acrylic products is among the glossiest, highest quality surfaces available. Its hard, non-porous surface prevents dirt from accumulating and resists stains better than other materials. With normal use, cast acrylic will retain its beauty with only a minimal amount of care. To maintain the high gloss, elegant look of the cast acrylic surface, follow these simple steps:

Use common household, **non-abrasive** cleaners for most cleaning jobs (for example: a mild dish-washing detergent such as Ivory Liquid). Follow manufacturer's directions and precautions. **Do not use unless the product label specifically states that it is safe for acrylic.** Rinse well and dry with a soft, clean cloth. Be sure to check the product label. Some products, although not containing abrasives, WILL damage the acrylic over time. Never use any type of "scrubbing bubbles" or aerosol spray cleaners on your acrylic product unless it specifically states that it is safe for use on acrylic!

Never use abrasive cleansers. If any product feels gritty when rubbed between your fingers, do not use on the acrylic surface or controls as permanent damage will occur.

Do not allow your cast acrylic surface to come into contact with nail polish, nail polish remover, Wintergreen oil, dry cleaning solution, lacquer thinners, gasoline, pine oil, etc.

Remove dust and dry dirt with a soft, damp cloth.

Clean grease, oil, paint or ink stains with isopropyl (rubbing) alcohol. Dry with a clean, soft cloth.

Avoid using razor blades or other sharp objects that might scratch the surface. Small scratches can be removed by applying a thin coat of automotive polishing liquid and buffing lightly with a clean cloth. For deeper scratches, sand the surface lightly with a 400 grit "wet or dry" paper and buff with a fine grit buffing compound.

MTI strongly recommends a professional acrylic repair person for deep scratches or chips.

TEAK SHOWER TRAY INSTALLATION AND CARE

Teak shower trays by MTI are designed to fit each individual shower base. Simply set the tray in place! Your teak shower tray is built from one of the finest woods on our planet and will provide many years of service with little maintenance. You may choose to leave the finish natural or periodically wipe on teak oil or olive oil to the wood's surface. Both oils are inexpensive and can be found at you local hardware or grocery store respectively. You can also stain your new teak shower tray a darker wood tone if you desire. Any water-based stain may be used. Like the oils, it can be easily applied using a rag or sponge.

Your teak tray will need to be cleaned every 30-90 days, depending on usage. MTI recommends the mildest cleaner possible for the job. A small amount of liquid laundry detergent (such as Wisk) and chlorine bleach mixed into a gallon of warm water will clean most teak products. Apply this mixture with a stiff brush, and scrub lightly with the grain. Leave it on the wood for several minutes to give the detergent time to suspend the dirt and the bleach time to lighten the wood, then rinse thoroughly, scrubbing lightly with the grain. Use care on the rubber strips on the underside of the tray; simply wipe down with cleaner-do not scrub. The rubber strips will degrade over time. To order replacement strips, please contact MTI's service department at 800-783-8827.

There is a variety of teak cleaning products on the market, often sold where boating supplies are sold. Please follow manufacturers' directions for use.

NOTE: If a teak tray is used in conjunction with MTI's Teutonic shower enclosure, a small notch may need to be made in the teak tray to accommodate the bottom glass clip of the enclosure.

SHOWER ENCLOSURE INSTALLATION INSTRUCTIONS

Installation for each type of enclosure may vary. Please see the instructions included with your enclosure. If you need additional information, please contact our Service Department at 800-783-8827.

CARE AND CLEANING FOR SHOWER ENCLOSURES

- Never use scouring powder pads or sharp instruments on metal pieces or glass panels.
- An occasional wiping down with a mild soap diluted in water is all that is needed to keep the panels and aluminum parts looking new.
- We recommend wiping the glass panels with a squeegee after each use.

RADIANCE[®] INSTALLATION AND OPERATION

Each Radiance system comes with an on/off keypad and transformer box equipped with a 27" power cord. There are two heated zones for each Radiance system purchased. To install, simply plug the transformer box into a 110 V, GFCI protected outlet and install the keypad using the instructions below. The transformer box draws 5 amps. The control box must be accessible for future service. The box is attached to cables leading to the Radiance heating grids that are standard at 3-1/2'. A 9' extension is available upon request.

Radiance Keypad Installation:

The radiance keypad ships loose (uninstalled) for all shower bases except MTI seated shower bases. The keypad is intended to be installed either in the shower wall, or on an adjacent wall. The keypad cable provided is 7 1/2' long, which will accommodate installation in the shower wall. If the keypad is to be mounted further away, for example, in a nearby linen closet, an 8' extension is available upon request. The keypad requires a 1-1/2" hole. The keypad has a sticky backing, however, MTI recommends using some clear silicone for secure adhesion and water resistance, particularly if installed within the shower walls.

The Radiance control box must be installed to allow future access for service. The box is attached to cables leading to the Radiance heating grids that are standard at 3-1/2", but a 9' extension is available upon request.

Radiance Operation:

- To turn the system on, press the on/off button - the keypad light will be on.
- Radiance is designed to be left on continually as the initial heating can take up to an hour. The system uses less energy than a standard light bulb.
- To turn the system off, press the on/off button once.



Radiance Keypad

RESIDENTIAL WARRANTY

ACRYLIC SHOWER BASES AND SHOWER ENCLOSURES WARRANTY

This warranty is effective for all MTI Baths acrylic shower bases and shower enclosures manufactured after January 1, 2006. MTI shower bases and shower enclosures are warranted to be free from defects in material and workmanship for a period of TEN YEARS from date of purchase to the original purchaser. This warranty covers defective parts only. Labor is excluded from warranty. If a problem is discovered after the final enclosure, MTI will not be responsible for the cost of removing or reinstalling the shower base, or for costs associated with any adjacent materials. On/off controls, transformer boxes or control boxes are subject to a two year parts **only** warranty. Replacement parts shall assume the remaining warranty period of the parts replaced. Valves and accessories installed and sold by MTI carry their own warranty from their original manufacturer. Replacement parts are subject to availability, and may differ from those originally supplied. MTI cannot guarantee that parts currently in use will be available in the future. Changes in materials, parts or specifications are not valid reasons for product refusal or replacement under warranty claims. Proper drain installation is the responsibility of the installer. MTI's warranty does not cover drain leakage. Please see Commercial Warranty for products used in commercial, rental or multi-family applications.

This warranty excludes:

1. **Any labor charges**, removal or reinstallation expense or freight.
2. Any obligation other than replacement of defective parts, when presented to the selling distributor, together with **proof of purchase**, during the warranty period.
3. Any incidental or consequential damages / losses from any cause such as water damage to carpeting, floors or ceilings resulting from any defective product.
4. Products classified as "accessories."
5. Normal wear and tear, including chips and/or scratches.

This warranty shall be voided by any of the following:

1. Modification.
2. Improper installation, care or maintenance of the product.
3. Use of the product for any purpose or in any manner other than for which it is specifically intended.
4. Improper use or maintenance contrary to the use and care instructions.
5. Failure to water test for operation and leaks prior to final installation.

Radiance® Warranty: MTI warrants Radiance for two years, parts only, against manufacturing defects. If the control box or keypad fails within the two year period, MTI will send replacement parts out at no charge. In the unlikely event that the electrical heating grid fails within the two year period, MTI Baths' only obligation is to refund the purchase price of the Radiance system to the original product owner. Proof of purchase required.

Return of Warranty Card: The warranty registration card must be filled out by the purchaser within one hundred twenty days from date of purchase and mailed to MTI Baths in order for this warranty to take effect. Warranty registration can also be completed online at mtibaths.com.

This warranty supersedes any and all other warranties, expressed or implied. The foregoing warranties are exclusive and made only to the buyer. No other warranty, whether expressed, implied or statutory, including any warranty of merchantability or fitness for particular purpose shall exist in connection with any of the warranties on behalf of MTI in addition to or different from those herein given, or to assume for MTI any other liability in connection with any of its product except in a written statement which is signed by an officer of MTI expressly and intentionally giving such warranties or expressing such liabilities. Damage occurring to the unit during installation is the responsibility of the installer, and after installation is the responsibility of the owner.

MTI Baths is NOT liable for incidental or consequential damage, loss of time, inconvenience, incidental expenses, labor or material charges or any other costs related to the application of this warranty.

MTI reserves the right to inspect any malfunction or defect on site and determine appropriate course of action.

TEAK PRODUCTS WARRANTY

Teak Shower Trays and Hidden Drain Covers; Sink Trays

Teak Shower Trays, Hidden Drain Covers and Sink Trays from MTI Baths are warranted against defects in material and workmanship for a period of ten years from date of purchase. They are handcrafted of the finest teak and manufactured to MTI's specifications. During the warranty period, if your teak shower tray becomes unusable due to any defect in workmanship, please contact the MTI service department at 800-783-8827. Proof of purchase required.

Return of Warranty Card: The warranty registration card must be filled out by the purchaser within one hundred twenty days from date of purchase and mailed to MTI Baths in order for this warranty to take effect. Warranty registration can also be completed online at mtibaths.com.

MTI Baths is NOT liable for incidental or consequential damage, loss of time, inconvenience, incidental expenses, labor or material charges or any other costs related to the application of this warranty.

MTI reserves the right to inspect any malfunction or defect on site and determine appropriate course of action.

Replacement parts are subject to availability, and may differ from those originally supplied. MTI can not guarantee that parts currently in use will be available in the future. Changes in materials, parts or specifications are not valid reasons for product refusal or replacement under warranty claims.

Teak Seats

Teak Seats from MTI Baths are warranted for parts only against defects in material and workmanship for a period of five years from date of purchase. They are handcrafted of the finest teak and manufactured to MTI's specifications. During the warranty period, if your teak shower seat becomes unusable due to any defect in workmanship, please contact the MTI service department at 800-783-8827. Proof of purchase required.

Return of Warranty Card: The warranty registration card must be filled out by the purchaser within one hundred twenty days from date of purchase and mailed to MTI Baths in order for this warranty to take effect. Warranty registration can also be completed online at mtiwhirlpools.com.

MTI Baths is NOT liable for incidental or consequential damage, loss of time, inconvenience, incidental expenses, labor or material charges or any other costs related to the application of this warranty.

MTI reserves the right to inspect any malfunction or defect on site and determine appropriate course of action.

Replacement parts are subject to availability, and may differ from those originally supplied. MTI can not guarantee that parts currently in use will be available in the future. Changes in materials, parts or specifications are not valid reasons for product refusal or replacement under warranty claims.

COMMERCIAL WARRANTY

ACRYLIC SHOWER BASES AND SHOWER ENCLOSURES WARRANTY

This warranty is effective for all MTI Baths acrylic shower bases and shower enclosures manufactured after January 1, 2006. MTI shower bases and shower enclosures are warranted to be free from defects in material and workmanship for a period of TWO YEARS from date of purchase to the original purchaser for commercial, rental or multi-family applications. Warranty begins on date of purchase (regardless of installation date). This warranty covers defective parts only. Labor is excluded from warranty. If a problem is discovered after the final enclosure, MTI will not be responsible for the cost of removing or reinstalling the shower base, or for costs associated with any adjacent materials. On/off controls, transformer boxes or control boxes are subject to a two year parts **only** warranty. Replacement parts shall assume the remaining warranty period of the parts replaced. Valves and accessories installed and sold by MTI carry their own warranty from their original manufacturer. Replacement parts are subject to availability, and may differ from those originally supplied. MTI cannot guarantee that parts currently in use will be available in the future. Changes in materials, parts or specifications are not valid reasons for product refusal or replacement under warranty claims. Proper drain installation is the responsibility of the installer. MTI's warranty does not cover drain leakage.

This warranty excludes:

1. **Any labor charges**, removal or reinstallation expense or freight.
2. Any obligation other than replacement of defective parts, when presented to the selling distributor, together with **proof of purchase**, during the warranty period.
3. Any incidental or consequential damages / losses from any cause such as water damage to carpeting, floors or ceilings resulting from any defective product.
4. Products classified as "accessories."
5. Normal wear and tear, including chips and/or scratches.

This warranty shall be voided by any of the following:

1. Modification.
2. Improper installation, care or maintenance of the product.
3. Use of the product for any purpose or in any manner other than for which it is specifically intended.
4. Improper use or maintenance contrary to the use and care instructions.
5. Failure to water test for operation and leaks prior to final installation.

Radiance® Warranty: MTI warrants Radiance for two years, parts only, against manufacturing defects. If the control box or keypad fails within the two year period, MTI will send replacement parts out at no charge. In the unlikely event that the electrical heating grid fails within the two year period, MTI Baths' only obligation is to refund the purchase price of the Radiance system to the original product owner. Proof of purchase required.

Return of Warranty Card: The warranty registration card must be filled out by the purchaser within one hundred twenty days from date of purchase and mailed to MTI Baths in order for this warranty to take effect. Warranty registration can also be completed online at mtibaths.com.

This warranty supersedes any and all other warranties, expressed or implied. The foregoing warranties are exclusive and made only to the buyer. No other warranty, whether expressed, implied or statutory, including any warranty of merchantability or fitness for particular purpose shall exist in connection with any of the warranties on behalf of MTI in addition to or different from those herein given, or to assume for MTI any other liability in connection with any of its product except in a written statement which is signed by an officer of MTI expressly and intentionally giving such warranties or expressing such liabilities. Damage occurring to the unit during installation is the responsibility of the installer, and after installation is the responsibility of the owner.

MTI Baths is NOT liable for incidental or consequential damage, loss of time, inconvenience, incidental expenses, labor or material charges or any other costs related to the application of this warranty.

MTI reserves the right to inspect any malfunction or defect on site and determine appropriate course of action.

TEAK PRODUCTS WARRANTY

Teak Shower Trays and Hidden Drain Covers; Sink Trays

Teak Shower Trays, Hidden Drain Covers and Sink Trays from MTI Baths are warranted against defects in material and workmanship for a period of two years from date of purchase. They are handcrafted of the finest teak and manufactured to MTI's specifications. During the warranty period, if your teak shower tray becomes unusable due to any defect in workmanship, please contact the MTI service department at 800-783-8827. Proof of purchase required.

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Teak Seats

Teak Seats from MTI Baths are warranted for parts only against defects in material and workmanship for a period of one year from date of purchase. They are handcrafted of the finest teak and manufactured to MTI's specifications. During the warranty period, if your teak shower seat becomes unusable due to any defect in workmanship, please contact the MTI service department at 800-783-8827. Proof of purchase required.

Return of Warranty Card: The warranty registration card must be filled out by the purchaser within one hundred twenty days from date of purchase and mailed to MTI Baths in order for this warranty to take effect. Warranty registration can also be completed online at mtibaths.com.

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