

DESIGNER COLLECTION
Drop-in / Undermount / Alcove
Whirlpool - Air Bath



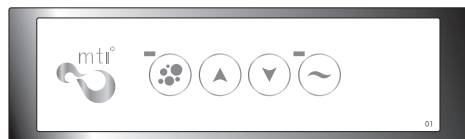
OPERATION AND CARE

Effective May 1, 2014







OPERATING INSTRUCTIONS - KEYPAD & TUB CONTROL FUNCTIONS FOR WHIRLPOOLS AND AIR BATHS

Keypads and functions will vary depending on specific model and/or options purchased. Use the drawings on the following pages to locate your model and simply follow the step by step instructions.



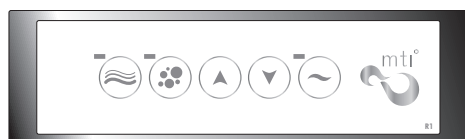
#1 STANDARD AIR SYSTEM

FUNCTIONS

-  **ON/OFF: 1st Press:** The blower starts. LED light on. **2nd Press:** The blower stops. LED light off.
-  **BLOWER SPEED INCREASE**
Press & hold to increase the blower speed. Release pressure at the desired speed.
Note: The blower initially starts at half speed.
-  **BLOWER SPEED DECREASE**
Press & hold to decrease the blower speed. Release pressure at the desired speed.
-  **PULSATION MODES**
1st Press: Wave - Speed will vary gradually from maximum to minimum. LED light on.
2nd Press: Pulse - Speed will go directly to minimum and then straight back to maximum. LED light will flash.
3rd Press: Returns to maximum speed. LED light off. Press button #3 to decrease blower speed.






AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: Blower will automatically turn on approx. 7 minutes after tub is completely drained. See p. 19 for more information.



#1 STANDARD AIR SYSTEM WITH RADIANCE

FUNCTIONS

-  **ON/OFF FOR RADIANCE SYSTEM: 1st Press:** Turns on both heated zones. Light on keypad will be on.
2nd Press: Turns off Radiance system. Light will be off.
-  **ON/OFF: 1st Press:** The blower starts. LED light on. **2nd Press:** The blower stops. LED light off.
-  **BLOWER SPEED INCREASE**
Press & hold to increase the blower speed. Release pressure at the desired speed.
Note: The blower initially starts at half speed.
-  **BLOWER SPEED DECREASE**
Press & hold to decrease the blower speed. Release pressure at the desired speed.
-  **PULSATION MODES**
1st Press: Wave - Speed will vary gradually from maximum to minimum. LED light on.
2nd Press: Pulse - Speed will go directly to minimum and then straight back to maximum. LED light will flash.
3rd Press: Returns to maximum speed. LED light off. Press button #3 to decrease blower speed.

AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: Blower will automatically turn on approx. 7 minutes after tub is completely drained. See p. 19 for more information.



#2 STANDARD WHIRLPOOL

FUNCTIONS



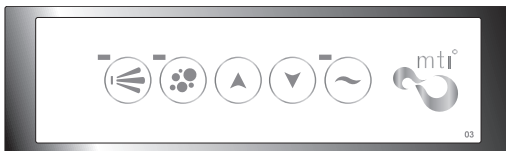
PUMP ON

1st Press: The pump starts. Use the air volume control to adjust.



PUMP OFF

1st Press: The pump stops.



3 STANDARD WHIRLPOOL / AIR BATH COMBINATION OR STREAM BATH WITH AIR SYSTEM

FUNCTIONS



ON/OFF PUMP

1st Press: The pump starts. Light on.

2nd Press: The pump stops. Light off.



ON/OFF BLOWER

1st Press: The blower starts. Light on.

2nd Press: The blower stops. Light off.



BLOWER SPEED INCREASE

Press & hold to increase the blower speed. Release pressure at the desired speed.

Note: The blower initially starts at half speed.



BLOWER SPEED DECREASE

Press & hold to decrease the blower speed. Release pressure at the desired speed.



PULSATION MODES - AIR SYSTEM

1st Press: Wave - Speed will vary gradually from maximum to minimum. LED light on.

2nd Press: Pulse - Speed will go directly to minimum and then straight back to maximum. LED light will flash.

3rd Press: Returns to maximum speed. LED light off. Press button #4 to decrease blower speed.

AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: The air blower will turn on by itself approximately 7 minutes after tub is completely drained. See p. 19 for more information.



4 AIR SYSTEM WITH LED LIGHT

FUNCTIONS

ON/OFF FOR AIR SYSTEM

1st Press: The blower turns on at 30% power. Use the up and down arrows to increase or decrease the speed. Please note: 20% is the minimum. If the lights for the up & down arrows go off, they can be reactivated by *gently* pressing the on/off button

2nd Press: The blower turns off.

PULSATION MODE

1st Press: Standard wave. Speed will vary gradually from minimum to maximum.

2nd Press: Standard pulse. Speed will go quickly from minimum to maximum, then repeats.

3rd Press: Blower returns to maximum speed.

4th Press: Returns to pulsation mode.

ON/OFF FOR LED LIGHTS

1st Press: Turns lights on to basic color mode, starting with white. Use the up and down arrows to cycle light through the basic colors.

2nd Press: Slow rainbow cycle - Use up and down arrows to increase or decrease the speed of the cycle.

3rd Press: Slow aqua-blue-green cycle. Use the up and down arrows to increase or decrease the speed of the cycle.

Press and hold light button at any time to turn light off.

SPA MODES

1st Press: Turns the Spa Mode on. There are three different pre-set Spa Modes. Energetic, Relaxing and Deep Tissue. Use the up and down arrows to choose from the different selections. Each Spa Mode will operate the tub functions **automatically** for 20 minutes. Simply sit back and enjoy!

2nd Press or press and hold for one second: Spa Mode off.





AUTOMATICALLY STOPS AFTER 20 MINUTES.

NOTE: *The air blower will turn on by itself approximately 7 minutes after tub is completely drained. See p. 19 for more information.*



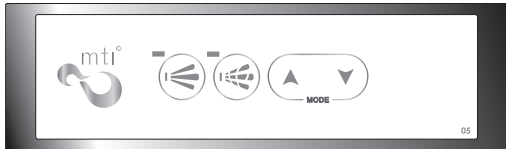
4 AIR SYSTEM WITH LED LIGHTING AND RADIANCE

FUNCTIONS

-  **ON/OFF FOR RADIANCE SYSTEM:**
 - 1st Press:** Turns on both heated zones. Light on keypad will be on.
 - 2nd Press:** Turns off Radiance system. Light will be off.
-  **ON/OFF FOR AIR SYSTEM**
 - 1st Press:** The blower turns on at 30% power. Use the up and down arrows to increase or decrease the speed. Please note: 20% is the minimum. If the lights for the up & down arrows go off, they can be reactivated by *gently* pressing the on/off button
 - 2nd Press:** The blower turns off.
-  **PULSATION MODE**
 - 1st Press:** Standard wave. Speed will vary gradually from minimum to maximum.
 - 2nd Press:** Standard pulse. Speed will go quickly, alternating from minimum to maximum.
 - 3rd Press:** Blower returns to maximum speed.
 - 4th Press:** Returns to pulsation mode.
-  **ON/OFF FOR LED LIGHTS**
 - 1st Press:** Turns lights on to basic color mode, starting with white. Use the up and down arrows to move light through the basic colors.
 - 2nd Press:** Slow rainbow cycle - Use up and down arrows to increase or decrease the speed of the cycle.
 - 3rd Press:** Slow aqua-blue-green cycle. Use the up and down arrows to increase or decrease the speed of the cycle.
 - Press and hold light button at any time to turn light off.**

AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: *The air blower will turn on by itself approximately 7 minutes after tub is completely drained. See p. 19 for more information.*



5 ULTRA THERAPY WHIRLPOOL WITH 12 OR MORE MICRO-JETS AND TSUBO MASSAGE

FUNCTIONS



ON/OFF PUMP FOR POINT MASSAGE JETS

1st Press: The pump starts. LED light on.

2nd Press: The pump stops. LED light off.



ON/OFF PUMP FOR MICRO-JETS / TSUBO MASSAGE

IMPORTANT! YOU MUST TURN THE VOLUME CONTROL FOR THE MICRO-JETS DOWN UNTIL YOU ARE SITTING IN FRONT OF THEM. IF ACTIVATED BEFORE, WATER MAY SPLASH OUTSIDE THE BATH.

1st Press: The Tsubo pump starts. LED light on.

2nd Press: The Tsubo pump stops. LED light off.

Press & hold 3 seconds: The Tsubo sequential pulse mode starts. LED will flash. The sequential pulse mode automatically advances the system through the seven operational Tsubo modes every 10 seconds.



TSUBO MODE/SPEED CONTROL

Tsubo: Press to change the Tsubo pump (micro-jets) through the seven different operational modes. Not available when the Tsubo is in sequential pulse mode.

AUTOMATICALLY STOPS AFTER 20 MINUTES

**NOTE: This system is equipped with a Tsubo lock-out protection mode.
See p. 19 for more information.**



2 ULTRA-THERAPY WHIRLPOOL WITH 6 OR LESS MICRO-JETS

Includes keypad and pneumatic on/off pushbutton for micro-jets.

FUNCTIONS

Whirlpool Jets



PUMP ON

1st Press: The pump starts. Use the air volume control to adjust



PUMP OFF

1st Press: The pump stops.

Micro-Jets

Press the pneumatic control to turn the micro jets on and off. The diverter will control the pressure of the micro jets. Turn clockwise for greater pressure or counter-clockwise to decrease the force.



6 STANDARD WHIRLPOOL / AIR SYSTEM COMBINATION WITH LED LIGHTING OR STREAM BATH WITH AIR SYSTEM & LED LIGHTING

FUNCTIONS



ON/OFF FOR AIR SYSTEM

1st Press: The blower turns on at 30% power. Use the up and down arrows to increase or decrease the speed. Please note: 20% is the minimum. If the lights for the up & down arrows go off, they can be reactivated by *gently* pressing the on/off button

2nd Press: The blower turns off.



PULSATION MODE

1st Press: Standard wave. Speed will vary gradually from minimum to maximum.

2nd Press: Standard pulse. Speed will go quickly, alternating from minimum to maximum.

3rd Press: Blower returns to maximum speed.

4th Press: Returns to pulsation mode.



PUMP ON/OFF

1st Press: The pump turns on.

2nd Press: The pump turns off.



ON/OFF FOR LED LIGHTS

1st Press: Turns lights on to basic color mode, starting with white. Use the up and down arrows to move light through the basic colors.

2nd Press: Slow rainbow cycle - Use up and down arrows to increase or decrease the speed of the cycle.

3rd Press: Slow aqua-blue-green cycle. Use the up and down arrows to increase or decrease the speed of the cycle.

Press and hold light button at any time to turn light off.



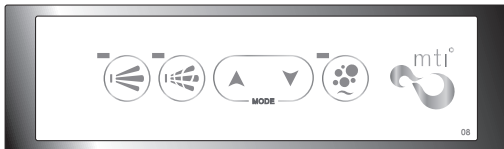
SPA MODES

1st Press: Turns the Spa Mode on. There are three different pre-set Spa Modes. Energetic, Relaxing and Deep Tissue. Use the up and down arrows to choose from the different selections. Each Spa Mode will operate the tub functions automatically for 20 minutes. Simply sit back and enjoy!

2nd Press or press and hold for one second: Spa Mode off.

AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: *The air blower will turn on by itself approximately 7 minutes after tub is completely drained.
See p. 19 for more information.*



8 ULTRA THERAPY WHIRLPOOL / AIR SYSTEM COMBINATION

FUNCTIONS



ON/OFF PUMP FOR POINT-MASSAGE JETS

1st Press: The pump starts. LED light on.

2nd Press: The pump stops. LED light off.



ON/OFF PUMP FOR MICRO-JETS / TSUBO MASSAGE

IMPORTANT! YOU MUST TURN THE VOLUME CONTROL FOR THE MICRO-JETS DOWN UNTIL YOU ARE SITTING IN FRONT OF THEM. IF ACTIVATED BEFORE, WATER MAY SPLASH OUTSIDE THE BATH.

1st Press: The Tsubo pump starts. LED light on.

Press & hold 1 second: The Tsubo pump stops. LED light off.

Press & hold 3 seconds: The Tsubo sequential pulse mode starts. LED will flash. The sequential pulse mode automatically advances the system through the seven operational Tsubo modes every 10 seconds.



TSUBO MODE/SPEED CONTROL

Tsubo: Press to change the Tsubo pump (micro-jets) through the seven different operational modes. Not available when the Tsubo is in sequential pulse mode.

Blower: Press & hold up or down arrow to increase or decrease the blower speed. Release pressure at the desired speed.

Note: The up and down arrows will operate the last function button activated. (Tsubo pump or blower.)



ON/OFF - BLOWER

1st Press: The blower starts. LED light on.

Press & Hold 1 second - The blower stops. LED light off.

Press & Hold 3 seconds - Wave - Speed will vary gradually from maximum to minimum. Light will flash quickly.

Press & Hold for 6 seconds - Pulse - Speed will go directly to minimum and then straight back to maximum. Light will flash slowly.

SEQUENTIAL PULSE MODE - FOR MICRO-JETS

The sequential pulse mode automatically advances the system through the seven different Tsubo modes every 10 seconds, when selected. To select this mode activate the micro jets; press and hold the Tsubo Mode button / up arrow for 3 seconds. To cancel, press button up or down arrow on the keypad.

AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: This system is equipped with a Tsubo lock-out protection mode for the micro-jets. See p. 19 for more information.



9 ULTRA THERAPY WHIRLPOOL / AIR SYSTEM COMBINATION WITH LED LIGHTING

FUNCTIONS



ON/OFF FOR AIR SYSTEM

1st Press: The blower turns on at 30% power. Use the up and down arrows to increase or decrease the speed. Please note: 20% is the minimum. If the lights for the up & down arrows go off, they can be reactivated by *gently* pressing the on/off button

2nd Press: The blower turns off.



WHIRLPOOL PUMP ON/OFF - LARGE POINT-MASSAGE JETS

1st Press: The pump turns on. Use the air volume control to adjust the pressure felt from the jets.

2nd Press: The pump turns off.



ON/OFF FOR MICRO-JETS / TSUBO MASSAGE

IMPORTANT! YOU MUST TURN THE VOLUME CONTROL FOR THE MICRO-JETS DOWN UNTIL YOU ARE SITTING IN FRONT OF THEM. IF ACTIVATED BEFORE, WATER MAY SPLASH OUTSIDE THE BATH.

1st Press: Turns the micro-jets on full power. Adjust the flow from the jets by turning the cluster control knobs. Use the up / down arrows to pass to the next of 7 pulsation modes. If the light on the arrows turns off, gently press the on/off button to reactivate them.

2nd Press: Pump is in pulse mode and will automatically advance to the next pulsation mode every 10 seconds.

3rd Press or press and hold for 1 second: Pump off. The pump has an auto shut off after 15 minutes and a lock out timer. See "Additional System Information" on next page.



ON/OFF FOR LED LIGHTS

1st Press: Turns lights on to basic color mode, starting with white. Use the up and down arrows to move light through the basic colors.

2nd Press: Slow rainbow cycle - Use up and down arrows to increase or decrease the speed of the cycle.

3rd Press: Slow aqua-blue-green cycle. Use the up / down arrows to adjust the speed of the cycle. If the lights for the up /down arrows go off, they can be reactivated by *gently* pressing the on/off button.

Press and hold light button at any time to turn light off.



SPA MODES

1st Press: Turns the Spa Mode on. There are three different pre-set Spa Modes. Energetic, Relaxing and Deep Tissue. Use the up and down arrows to choose from the different selections. Each Spa Mode will operate the tub functions automatically for 20 minutes. Simply sit back and enjoy!

2nd Press or press and hold for one second: Spa Mode off.

SEQUENTIAL PULSE MODE - FOR MICRO-JETS

The sequential pulse mode automatically advances the system through the seven different Tsubo modes every 10 seconds, when selected. To select this mode activate the micro jets; press and hold the Tsubo Mode button / up arrow for 3 seconds. To cancel, press button up or down arrow on the keypad.

AUTOMATICALLY STOPS AFTER 20 MINUTES

NOTE: The air blower will turn on by itself approximately 7 minutes after tub is completely drained. The system is also equipped with a Tsubo lock-out protection mode for the micro-jets. See p. 19 for more information.

ADDITIONAL SYSTEM INFORMATION

TSUBO LOCK-OUT TIMER - SYSTEMS #5, #8 AND #9

The user is allowed to operate the Tsubo mode for a total of 30 minutes (two 15-minute cycles) before a lock-out of the Tsubo mode occurs. This is designed to avoid tripping the thermal protector in the motor. The details of the lock-out are as follows:

- A total of two 15-minute cycles results in the Tsubo mode being locked out for two hours of cool-down time. 1 minute of Tsubo mode = 4 minutes of cool down time (cumulative).
- When the lock-out function is active, the micro-jets can still be operated at high speed, but the lock-out countdown is suspended while the micro-jets are running. The required cooling off period resumes when the Tsubo pump is turned completely off.
- When the Tsubo pump is running, the user is notified that the lock-out condition has occurred by the fast flashing of the Tsubo button LED (#3) when the Tsubo mode button is pressed. The motor remains on high speed. The user can still control the pressure of the micro-jets by using the volume control knob.
- The cumulative cool-down function allows for 1 additional minute of Tsubo mode operation for every 4 minutes of cool-down time.
- The lock-out function is reset each time the power to the control is turned off, and then back on again.

AUTOMATIC PURGE / DRYING CYCLE - SYSTEMS #1, #3, #4, #6, #8 AND #9

Each MTI air system is equipped with two sensors on the floor of the bath near the drain. Every time water is introduced to the bath and drained, either by showering, bathing or cleaning, the sensors will activate the purge/drying cycle. The cycle will start approximately 7 minutes after the bath is drained and run for 1 minute. The purge cycle will activate even when the air bath has not been turned on. To cancel the purge, once it begins, simply press the on/off button for the air system. This will delay the purge for 7 minutes. Pressing the on/off button to delay the purge a second time will cancel the purge until the next use.

24 hour purge cycle - The system will purge once every 24 hours at the time the cycle is first activated (for example, if you activate the purge cycle at 10:00 am, the bath will purge each day at 10:00 am).

Activate by pressing the "+" button or "up" arrow on the keypad for 5 seconds. The keypad will flash once. To deactivate, simply press the button again for 5 seconds and the normal purge cycle will resume. The keypad will flash twice.

Manual stop: if the blower button is pressed during the 1 minute drying cycle, the cycle will stop and will restart 24 hours later at the programmed time.

In the event of a power disruption or brown out, the program will be automatically deactivated. Reset 24 hour purge.

In case there is water in the tub when the 24 hour purge is supposed to start, the purge will not come on and disturb the bather. 7 minutes after water has drained, the normal purge will begin. After the purge cycle, the system reverts back to 24 hour purge.

INDEPENDENT CHROMATHERAPY SYSTEM KEYPAD FOR ALL TUBS WITHOUT LED LIGHT FUNCTION ON KEYPAD



FUNCTIONS

ON/OFF BUTTON:

1st Press: White light. LED light on (White is only available when the system is initially turned on).

2nd Press: Light off. LED light off.

Press the on/off button - Light must be on for any mode to function.

MODE BUTTON FUNCTIONS:

1st Press: Aqua-Blue-Green Cycle. - First cycle 1.5 seconds between color changes; then slows to 6 seconds between color changes.

2nd Press: Rainbow Cycle - Colors change from Aqua-Blue-Magenta-Red-Orange-Yellow-Green. First cycle 1.5 seconds between color changes; then slows to 6 seconds between color changes.

3rd Press: Pressing the Mode button a third time will stop the system on the color displayed. To change the color, use the up & down buttons to go through each color change in small increments. (Alternatively, you could turn the light off and start over.)

UP ARROW FUNCTIONS:

To Change the Light Color - Pressing the up arrow will allow the lights to change through the basic colors: Aqua, Blue, Magenta, Red, Orange, Yellow and Green.

When in the Rainbow Cycle - Press & hold to increase the cycle speed. Release pressure at the desired speed.

When in the Aqua-Blue-Green Cycle - Press & hold to increase the cycle speed. Release pressure at the desired speed.

DOWN ARROW FUNCTIONS:

To Change the Light Color - Pressing the up arrow will allow the lights to change through the basic colors: Aqua, Blue, Magenta, Red, Orange, Yellow and Green.

When in the Rainbow Cycle - Press & hold to decrease the cycle speed. Release pressure at the desired speed.

When in the Aqua-Blue-Green Cycle - Press & hold to decrease the cycle speed. Release pressure at the desired speed.

AROMATHERAPY SYSTEM OPERATING INSTRUCTIONS

1. Locate the aromatherapy cap on the top flange of the tub.
2. Make sure that the air system is off. Never open the cap while the tub is on!
3. Remove the cap and the vented canister inside the well (*see image to the right*). Add 2-3 drops of essential oils to a small felt pad (not included), place into the canister, back into the well and close the cap. Make-up removal pads may be cut into 1" squares. Do not over tighten the cap.
4. Turn on the air system to enjoy the fragrant scent produced as the blower carries the warm, scented air to the top of the water. Replace felt pad and oil as needed.
5. Do not saturate the pad with oil. Using more than 2-3 drops per use can cause permanent damage to the tub components.
6. Supplies may be purchased at retailers that carry essential oils.



WHIRLPOOL OPERATING INSTRUCTIONS

1. MTI whirlpool tubs are equipped with a factory installed on/off device. This eliminates the need for an external switch. Starting motor with no water in the tub could result in damage to the pump and internal seals and could void your warranty.
2. Fill tub approximately 1" above highest jet. Do not start pump until tub has been filled to specified level. Do not leave a filling or full tub unattended.
3. When you are ready to use the whirlpool system, activate the on/off device on the deck of the tub. (For whirlpools or air bath / whirlpool combos equipped with a keypad, please see pages 11-19 for control photos and functions for your particular model.)
4. Adjust the amount of air mixed with the water using the master air volume control located on the deck or side-wall of the tub. Rotate the control counter-clockwise to increase the amount of air and pressure in the system. If your tub is equipped with a cleaning system, the detergent dispenser is also the air volume control.
5. All jets on MTI Designer Collection whirlpools are designed to operate individually. Open or close jets by either pushing and pulling the nozzle or twisting the jet nozzle, depending on jet style.
6. Hydrotherapy jets can also be adjusted directionally.
7. If your tub is equipped with 4 or more micro-jets, it will also be equipped with a volume control diverter valve to adjust pressure and shut off the micro-jets. (See diagram on page 22).

IMPORTANT! YOU MUST TURN THE VOLUME CONTROL FOR THE MICRO-JETS DOWN UNTIL YOU ARE SITTING IN FRONT OF THEM. IF ACTIVATED BEFORE, WATER MAY SPLASH OUTSIDE THE BATH.

8. Bath oils or other petroleum-based products are not recommended for use in MTI whirlpool tubs. These products have been shown to increase the possibility of bacteria growth within the system.
9. Bubble bath should only be used sparingly. The action of the system will greatly increase the amount of bubbles. The system must also be cleaned after each use as described in "Cleaning Instructions."
10. The use of products containing natural or artificial coloring or dyes may cause discoloration of jets and / or controls.
11. If your tub is equipped with an inline heater, the heater will come on each time the point-massage (large jets) are operating. There is no separate on/off device. The inline heater is not designed to heat cold water; it is designed to help maintain the temperature of the bath. The heater has a pre-set, non-adjustable thermostat set to 102°F.

OPTIONAL EQUIPMENT OPERATING INSTRUCTIONS

INLINE HEATER

For Whirlpools - The factory installed inline heater used on MTI whirlpool systems is designed to maintain the temperature of the water during the hydrotherapy bath. The heater is not designed to heat cold water. The heater will activate automatically when the pump is engaged. There is no separate control for the heater. The thermostat is pre-set at 102°F. The heater must be plugged into a 110 VAC, 15 AMP, GFCI protected outlet. **Both** the pump and inline heater must be plugged in for system to operate properly. The heater has an indicator light to confirm that it is working.

For Soakers and Air Baths - The inline heating system for soaking tubs and air baths is manually activated by an on/off device, typically a push button style. This system gently recirculates the bath water through the inline heater, with negligible disturbance to the water. The heatsoak system requires a dedicated 110 VAC, 20 AMP, GFCI protected outlet. **Both** the pump and inline heater must be plugged in for system to operate properly.

RADIANCE *Note: If your tub is equipped with an air system, the Radiance control will be on the keypad (shown on page 11 & 14)*

To turn the system on, press the button on the touchpad. The light on the touchpad will be on. Radiance is designed to be left on continually as the initial heating can take about an hour. The system uses less energy than a standard light bulb. To turn the system off, press the button again. The system will turn off in the event of a power surge or power failure. Must have access to transformer box for future servicing - test prior to installing.



Rectangular touchpad
for rectangular, square & corner tubs



Round touchpad
for round & oval tubs

WATER LEVEL SENSOR AND TIMER

The Water Level Sensor control will prevent the pump from operating until the water level reaches 1 - 2 inches above the highest jet. If the water level falls while the pump is operating, the unit will automatically shut off. (Note: Designer Collection tubs run on a 20 minute timer and then automatically shut off.)

MICRO-JET CLUSTER PACKAGE

Micro-jets provide pinpointed hydrotherapy, typically to the back or neck. To adjust or shut off the micro-jets' water flow, turn the volume control diverter valve. Depending on the number of micro-jets, you may have one or two volume control diverter valves, each controlling one set of micro-jets.



IMPORTANT! YOU MUST TURN THE VOLUME CONTROL FOR THE MICRO JETS DOWN UNTIL YOU ARE SITTING IN FRONT OF THEM. IF YOU ACTIVATE BEFORE, WATER MAY SPLASH OUTSIDE THE BATH.

Important information for whirlpool baths equipped with the micro-jet package. This specialty massage therapy system must be in the OFF position under the following conditions:

1. When the water in the tub is below the highest micro-jet, the pillow is above the water line.
2. When you want to operate the whirlpool's lower jets only.
3. When operating the Fill-Flush, or Simple Touch System.

Turn the volume control diverter valve to adjust air flow and shut off the micro-jets.

If your tub is equipped with more than four micro-jets, they may be operated by their own pump, on/off control & air-volume control. See pages 15, 17 & 18 for photos and functions of keypads for tubs equipped with micro-jets.

FILL-FLUSH SYSTEM OPERATING INSTRUCTIONS

THE WHIRLPOOL SYSTEM SHOULD BE CLEANED PERIODICALLY. MTI BATHS RECOMMENDS CLEANING AT LEAST ONCE A MONTH, NOT TO EXCEED 90 DAYS BETWEEN CLEANINGS. ALWAYS USE CAUTION WHEN USING CHLORINE-BASED PRODUCTS IN CONJUNCTION WITH OTHER CLEANING PRODUCTS. THE POSSIBILITY OF HARMFUL FUMES COULD RESULT. ALWAYS RINSE THOROUGHLY.

DO NOT LEAVE THE UNIT UNATTENDED DURING FILL-FLUSH OPERATIONS.

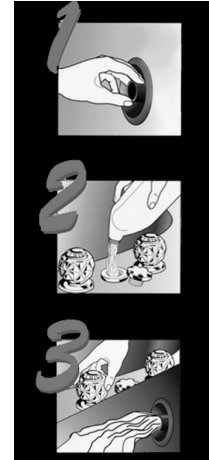
NOTE: If your tub is not equipped with the optional Fill-Flush system, please see page 24 for cleaning instructions.

TO FILL THE SYSTEM:

1. Make sure all jets are in the OPEN position by pulling or rotating the jet nozzle (depending on jet style).
2. Turn on hot and cold water to suit. Continue filling the tub to the desired level (at least 2" above the highest jet) and enjoy your bath.
Don't forget to turn off the water!

TO FLUSH THE SYSTEM:

1. After using the whirlpool system, drain tub of all water. CLOSE all of the jet nozzles by simply pushing the jet nozzle in or twisting the jet nozzle (depending on jet style).
2. Unscrew the dispenser cap (generally located between the hot and cold handles). Add **one** of the following: 2 ounces of MTI Fresh Wave Cleaner, 1 cup vinegar **or** several drops of a low sudsing detergent mixed with 1 cup of warm water. For each method, follow with one cup of cool, clean water. Replace cap and turn on hot and cold water. **Do not turn on pump.** This allows water and detergent to circulate through the air line, water line and pump. Let run for 2-3 minutes. Residue will be flushed out the suction intake and down the drain. NOTE: It is normal for some water to be coming out of the jets as well as the area around the jet nozzle.
3. Turn off water, open the jets and allow remaining water to flow out of the jets.



Fill-Flush®
Simple Touch™

BASIC CLEANING INSTRUCTIONS FOR SINGLE PUMP SYSTEMS WITH FULL-SIZE JETS AND MICRO-JET COMBINATIONS USING THE FILL-FLUSH SYSTEM.

1. Close all full-size jets by pushing in nozzle or turning the jet nozzle (depending on jet design).
2. Close all deck-mounted or wall-mounted micro-jet control valves.
3. Remove detergent dispenser cap.
4. Add **one** of the following into the detergent dispenser: 2 oz. of MTI Fresh Wave Cleaner, 1 cup of vinegar **or** a few drops of a low-sudsing liquid detergent mixed with 1 cup of warm water. For each method, follow with 1 cup of cool, clean water.
5. Replace the detergent dispenser cap.
6. Turn on water. Water mixes with cleaning solution and flows from air line to water line, through pump, out the suction and down the drain.
7. Allow water to run for three minutes.
8. Open all deck-mounted or wall-mounted micro-jet control valves.
9. Allow water to run for one more minute.
10. Open all full-size jets and allow water to run for 30 seconds.
11. Turn off water.

SIMPLE TOUCH SYSTEM OPERATING INSTRUCTIONS

1. After bathing, drain the bath as usual, leaving the drain open.
2. Close all point-massage and rotary jets.
3. Remove detergent dispenser cap.
4. Add **one** of the following into the detergent dispenser: 2 oz. of MTI Fresh Wave Cleaner, 1 cup of vinegar **or** a few drops of a low-sudsing liquid detergent mixed with 1 cup of warm water. For each method, follow with 1 cup of cool, clean water.
5. Replace the detergent dispenser cap.
6. Depress the on/off button, which activates the Simple Touch Cleaning System.
7. The Simple Touch Cleaning System will run for three minutes, circulating water and detergent through the air line, water line, and pump. Residue will then be flushed out the suction and down the drain. The cleaning process will automatically shut off, leaving your whirlpool bath plumbing system sparkling clean.
8. After the system shuts off, open the jets.

BASIC CLEANING INSTRUCTIONS FOR SINGLE PUMP SYSTEMS WITH FULL-SIZE JETS AND MICRO-JET COMBINATIONS USING THE SIMPLE TOUCH SYSTEM.

1. Close all full-size jets by pushing in nozzle or turning face plate (depending on jet design).
2. Close all deck-mounted or wall-mounted micro-jet control valves.
3. Remove detergent dispenser cap.
4. Add **one** of the following into the detergent dispenser: 2 oz. of MTI Fresh Wave Cleaner, 1 cup of vinegar **or** a few drops of a low-sudsing liquid detergent mixed with 1 cup of warm water. For each method, follow with 1 cup of cool, clean water.
5. Replace the detergent dispenser cap.
6. Push Simple Touch button to activate. Water mixes with cleaning solution and flows from air line to water line, through pump, out the suction and down the drain.
7. The system will run for approximately three minutes.
8. Open all deck-mounted or wall-mounted micro-jet control valves.
9. Again, push Simple Touch button to activate. Allow water to flow for approximately two minutes.
10. Open all full-size jets and allow water to run for the remainder of the Simple Touch three minute cycle.

CLEANING INSTRUCTIONS FOR WHIRLPOOL SYSTEMS NOT EQUIPPED WITH THE OPTIONAL FILL-FLUSH OR SIMPLE TOUCH CLEANING SYSTEMS

THE WHIRLPOOL SYSTEM SHOULD BE CLEANED PERIODICALLY. MTI BATHS RECOMMENDS CLEANING AT LEAST ONCE A MONTH, NOT TO EXCEED 90 DAYS BETWEEN CLEANINGS. ALWAYS USE CAUTION WHEN USING CHLORINE-BASED PRODUCTS IN CONJUNCTION WITH OTHER CLEANING PRODUCTS. THE POSSIBILITY OF HARMFUL FUMES COULD RESULT. ALWAYS RINSE THOROUGHLY.

Fill tub with warm water 2" above the highest jet and add **one** of the following to the bath water: 1/4 cup of MTI's Fresh Wave Cleaning Solution, 1 cup vinegar, **or** several drops of a low sudsing detergent mixed with 1 cup warm water then followed with 1 cup of cool, clean water. Turn the system on for five minutes then let stand for an additional 15 minutes. Drain the tub and refill with cold water. Restart the system for 10 minutes, then drain. If standard cleaning does not remove stubborn build-up or tough stains, your jets can be easily removed with pliers for more thorough cleaning. Soak jets overnight in a pan filled with warm water and mild dish soap, and scrub lightly with a soft bristled brush or place on top rack in dishwasher, being careful to remove before drying cycle starts. Whirlpools with the optional Fill-Flush System or Simple Touch System should refer to page 22 and 23 of this booklet for operating and cleaning instructions.

CLEANING INSTRUCTIONS FOR THE ACRYLIC SHELL

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 dishwashing 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, Winter-green 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.