

### Clean Whirlpools Before, During and After

Innovation has always been a hallmark of MTI, the pioneer of whirlpool cleaning systems. MTI's Fill-Flush® and Simple Touch® have set the standard for self-cleaning whirlpool systems, and they still remain unparalleled in the industry. In short, they are the best whirlpool cleaning systems on the market. When used on a regular basis, either system will keep the internal whirlpool system clean and hygienic.



Both systems clean the internal plumbing components of the main whirlpool system, including water lines and air lines, adjustable point-massage jets and pump. Concentrated detergent is backflushed through the entire plumbing harness one line at a time. All this is achieved in fewer than 5 minutes and with less than 10 gallons of water.

### Fill-Flush

- There is no need for a filling spout with Fill-Flush. Hot and cold water mix and the water fills the tub through the adjustable full-sized whirlpool jets.
- As the bath fills, a fresh supply of water is circulated through the plumbing system.
- MTI can install the hot and cold water valves at the factory. Choose from MTI's selection of in-stock valves, or send a different "rough-in" kit to MTI for factory installation. Valves can also be installed in the field.
- In either case, MTI needs to know the desired locations for handles so the necessary plumbing can be completed.
- Select from one of the numbered locations on the particular tub model's specification sheet.
- See p. C-22 for operating instructions or visit [mtibaths.com](http://mtibaths.com) for an animated demonstration.

### Simple Touch

This system operates in essentially the same way as Fill-Flush, but has several differences:

- It offers the convenience of more automatic operation, with auto shut-off after 3 minutes.
- It does not require a pre-installed mixing valve; customers may choose their own handles and filler spout and have them installed in the field.
- If possible, please specify locations of the valves with this system.
- Simple Touch components are located near the pump for easy access.
- Electrical requirements: 1 amp, 110 VAC.
- See p. C-23 for operating instructions or visit [mtibaths.com](http://mtibaths.com) for an animated demonstration.

### Proven Effectiveness

The effectiveness of MTI cleaning systems has been validated by an independent third-party testing agency. The **National Sanitation Foundation** conducted tests on the MTI Fill-Flush and Simple Touch systems with Fresh Wave cleaner. The test results show that MTI's cleaning system meets the bacteria cleaning requirements for pools and spas, as specified by the National Sanitation Foundation (NSF) / American National Standards Institute (ANSI) in Standard 50 – a standard requiring a 99.9% reduction in *Streptococcus faecalis* and *Pseudomonas aeruginosa*.

What does all of this mean? Simply put, when you relax in an MTI whirlpool equipped with the Fill-Flush or Simple Touch cleaning system, you can have peace of mind knowing that you have purchased the most hygienic system on the market.

The operating instructions on the following pages explain in detail how the systems operate. It is important to note that while MTI's Fill-Flush and Simple Touch systems are highly effective in maintaining the cleanliness of the components of the main whirlpool system, micro-jets and neck jet pillows are not included because they cannot be individually closed off. These jets need to be cleaned in the conventional way, by filling the tub with water and cleaning solution above jets, and operating the jets to flush out the lines.

### Fill-Flush® Factory Installation Choices

#### 1. Fill-Flush without valves (Stub-out) (FFSO) \$590

- Tub will be plumbed for Fill-Flush.
- Rough-in valves not included.
- Please mark Fill-Flush location on a diagram when ordering.

#### 2. Fill-Flush with customer-supplied valves, factory-installed. (FFCS) \$655

- Tub will be plumbed for Fill-Flush.
- Send ONLY the Rough-in Valve. DO NOT send the decorative part of the handle kit.
- Rough-in Valve MUST BE RECEIVED BEFORE production of the tub can begin.
- Please mark Fill-Flush location on diagram when ordering.

#### 3. Choose from the selection of valves in-stock at MTI.

*Prices below include factory installation of rough-in valve.*

Delta valve, less handles (FFDNO) *CALL MTI*  
Moen valve, less handles (FFMNO) *CALL MTI*

- Tub will be plumbed for Fill-Flush.
- Please mark Fill-Flush location on a diagram when ordering.

### Simple Touch® Factory Installation (FFE) \$710

- Tub will be plumbed with Simple Touch.
- Rough-in valves not included.
- Please mark Simple Touch location on diagram when ordering.

### Fresh Wave

*Fresh Wave* is a detergent specially formulated to clean the internal plumbing components of *any whirlpool*. This cleaning solution has been thoroughly tested and is not harmful to any components, including seals. *Fresh Wave* can also be used with Jentle Jet®, Jentle Ped® and any bath with a Fill-Flush or Simple Touch cleaning system.

#### Fresh Wave

Pack of 3 bottles (FFCLBOT) **\$110**

Case of 12 bottles (FFCLCASE) **\$295**



## Operating Instructions for Whirlpools Equipped with Fill-Flush® Cleaning System

MTI's Fill-Flush® and Simple Touch® have set the standard for self-cleaning whirlpool systems and still remain unparalleled in the industry. By their nature, whirlpool plumbing lines have a tendency to harbor soap residue, body oils, dirt and water deposits. Both Fill-Flush and Simple Touch clean the internal whirlpool plumbing system including water and air lines, point-massage jets and pump in less than 5 minutes and with less than 10 gallons of water, keeping the bath clean and hygienic. Neither cleaning system is recommended for use with micro-jet clusters.

The whirlpool system should be cleaned periodically. MTI recommends cleaning at least once a month, not to exceed 90 days between cleaning. Always use caution when using chlorine-based products in conjunction with other cleaning products. The possibility of harmful fumes could result. Always rinse thoroughly.

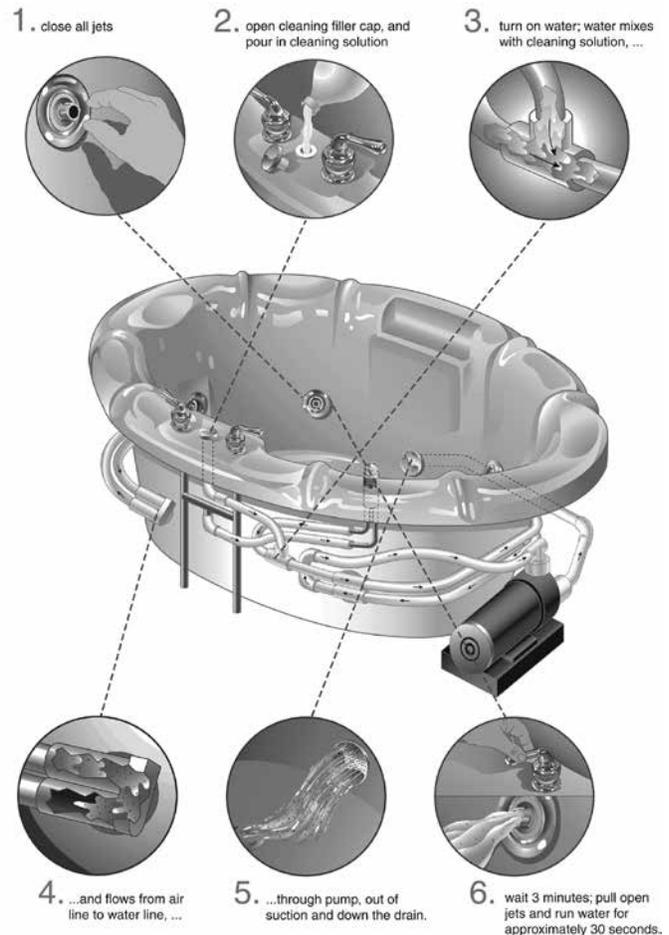
Do NOT leave the unit unattended during cleaning system operation.

### To Fill the Bath Equipped with Fill-Flush

- Make sure all jets are in the OPEN position by TURNING the jet nozzles. Each nozzle turns 180°.
- Turn on hot and cold water to desired temperature. Wait about 10 seconds before closing the drain. (This will enable any built-up residue from periods of non-use or from the previous bath to flush out the system and allow to drain).
- Fill the tub to the desired level (at least 1" above the highest jet), turn the water off and enjoy your bath.

### To Operate the Fill-Flush Cleaning System

- After bathing, drain the tub as usual, leaving the drain open.
- Close all jets by TURNING the jet nozzles 180°.
- Unscrew the detergent dispenser cap (generally located between the hot and cold handles) and slowly pour detergent into the dispenser. MTI recommends using 2 oz. of MTI Fresh Wave cleaning solution. You may also substitute 1 cup of vinegar or a few drops of a low-sudsing liquid detergent mixed with 1 cup of warm water. Follow with 1 additional cup of warm water. Replace the detergent dispenser cap.
- Turn on the hot and cold water (do NOT turn pump on) and let the water run for about 3 minutes.
- Water and detergent will mix together and be routed through the air lines, water lines and pump, out the suction and down the drain. (Some water will still be coming out of the jets.)
- Turn off the water.
- Open the jets and let the remaining fresh water flow out of the jets. The tub is ready for next use.



NOTE: The Fill-Flush system allows water to fill the bath through the whirlpool jets, so there is no need for the traditional filling spout; only hot and cold valves. Simple Touch, on the other hand, requires the use of a filler spout of choice and provides the added benefit of automatic operation.

Patent No. 5383239

## Operating Instructions for Whirlpools Equipped with Simple Touch® Cleaning System

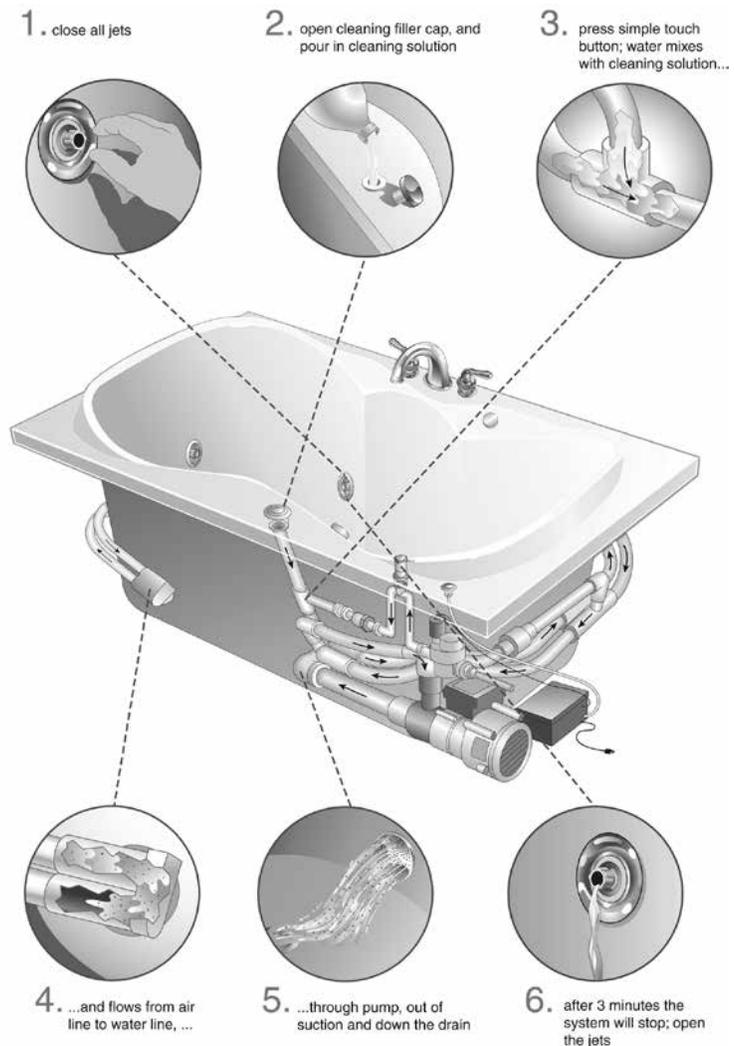
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The whirlpool system should be cleaned periodically. MTI recommends cleaning at least once a month, not to exceed 90 days between cleaning. Always use caution when using chlorine-based products in conjunction with other cleaning products. The possibility of harmful fumes could result. Always rinse thoroughly.

Do NOT leave the unit unattended during cleaning system operation.

### To Operate the Simple Touch Cleaning System

- After bathing, drain the bath as usual, leaving the drain open.
- Close all point-massage jets by TURNING the jet nozzles. Each nozzle turns 180°.
- Remove deck mounted detergent dispenser cap by turning counterclockwise.
- Pour 2 oz. of MTI Fresh Wave cleaning solution or 1 cup of vinegar or a few drops of a low-sudsing liquid detergent mixed with 1 cup of warm water into the detergent dispenser. Follow with 1 additional cup of warm water.
- Replace the detergent dispenser cap by turning clockwise.
- Depress the control button adjacent to the detergent dispenser, which activates the Simple Touch Cleaning System.
- The Simple Touch cleaning system will run for three minutes, circulating water and detergent through the air lines, water lines and pump. (Some water will still be coming out of the jets) Residue will then be flushed out the suction and down the drain. The cleaning process will automatically shut off, leaving the whirlpool bath plumbing system sparkling clean.
- After the system shuts off, open the jets and let the remaining fresh water flow out of the jets. The bath is ready for the next use.



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