



Auto-Diverting Tub Spout System

+ ShowerStart® TSV³

FOR IN WALL DIVERTERS

MULTI FUNCTION HAND SHOWER



FEATURES

- Reduces warm-up waits by 2x or more
- Auto diverts hot water to the hand shower once it arrives
- Integrated ShowerStart TSV³ (Thermostatic Shut-Off Valve) prevents unintended hot water use during shower warm-up
- Anti-leak tub spout design
- Quick Connect mounting options for:
1/2" slip-fit connection (copper or galvanized pipe)
1/2" and 3/4" NPT threaded connection
- Includes WaterSense certified multifunction hand shower

SHOWERSTART® TSV³

- Tub spout automatically diverts hot water to hand shower once 95°F (35°C) water arrives
- Specialized hand shower and hose trickles until user begins showering
- Normal hand shower flow is activated by pressing in-hose button
- System automatically resets for next use
- Integrated bypasses for bathing or cold showers
- For use with static water pressures >35 psi

PRODUCT SPECIFICATION

The tub spout component of the **Auto-Diverting Tub Spout System For In Wall Diverters** shall attach to either a 1/2" slip-fit connection (copper or galvanized pipe), 1/2" NPT threaded connection or a 3/4" NPT threaded connection. Once installed, its integrated ShowerStart TSV shall automatically divert water measuring 95°F or greater to the system's specialized WaterSense hand shower. Water shall not leak from the tub spout while it is being diverted to the handshower. The tub spout's auto diverting feature may be bypassed for the purpose of taking a bath, however the tub spout shall automatically return to its default position after bathing is completed.

The WaterSense hand shower component of the system shall attach to shower arms with 1/2" NPT male fittings. The hand shower shall include a specialized valve residing in the unit's hose and configured in a normally closed position (integrated into its hose). As a result, water shall only trickle from the hand shower when it initially reaches the fixture. The trickle shall continue until the user activates normal flow by pressing the white activation button on the system's hose. Once water flow to the hand shower is terminated the system will automatically reset for its next use.

The **Auto-Diverting Tub Spout System for In Wall Diverters** is designed to operate in tub/shower combination bathing units with in-wall diverters and static water pressures of 35 psi or higher.

MODEL NO.	DESCRIPTION	FINISH	SPRAY PATTERN	HDSHWR FLOW RATE	INCL MOUNTS
EV3746-CP125-SB	ADTS w/ multifunction hand shower for in wall diverter	chrome	multi	1.25	yes
EV3746-CP150-SB	ADTS w/ multifunction hand shower for in wall diverter	chrome	multi	1.5	yes
EV3786-CP125-CT	ADTS w/ multifunction hand shower, contractor version	chrome	multi	1.25	no
EV3786-CP150-CT	ADTS w/ multifunction hand shower, contractor version	chrome	multi	1.5	no
EV3102-XX000-CT	Mount: 1/2" Slip-fit Quick Connect				
EV3103-XX000-CT	Mount: 1/2" NPT Threaded Quick Connect				
EV3104-XX000-CT	Mount: 3/4" NPT Threaded Quick Connect				

Additional flow rates available upon request.

Auto-Diverting Tub Spout System

For In-Wall Diverters : Multifunction Hand Shower



PHYSICAL CHARACTERISTICS

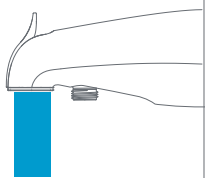
Auto-Diverting Tub Spout

- Chrome plated finish
- Bypass lever for bathing or cold showers
- Quick Connect mounting options:
 - ½" slip-fit connection (copper or galvanized pipe)
 - ½" NPT threaded connection
 - ¾" NPT threaded connection
- Size (LxWxH): 6.25" x 3.125" x 3" / 16 cm x 8 cm x 7.5 cm
- Weight: 12 oz. (340 g)

CERTIFIED SUPERIOR PERFORMANCE

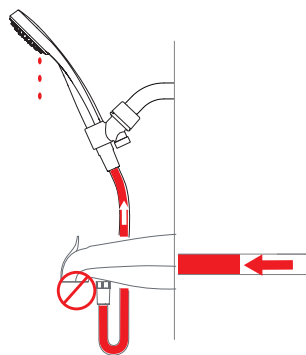
part	max flow at 80 psi	min flow at 45 psi
1.25 gpm Handshower	1.25gpm (4.7 L/min)	.9gpm (3.4 L/min)
1.5 gpm Handshower	1.5gpm (5.7 L/min)	1.1gpm (4.2 L/min)

HOW IT WORKS



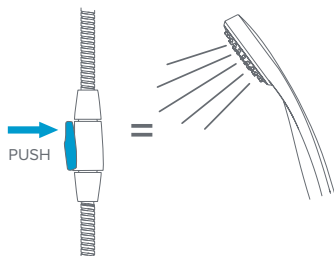
1 Turn water flow to tub spout

Cold water exits spout. Continue with your typical routine - the things you do while waiting for the shower to become warm.



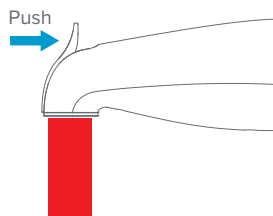
2 Auto diverts when hot water arrives

Upon reaching 95°F, ShowerStart Technology automatically diverts flow. Showerhead trickles – saving hot water until you get in.



3 Push button when ready to get in

Push the in-hose button to activate normal flow and begin showering.



4 Taking a bath

If a bath is preferred, simply push tub spout lever back to its original position.

PHYSICAL CHARACTERISTICS

Specialized WaterSense Hand Shower

- Chrome plated finish
- Multifunction— full body & massage spray patterns + soap-up pause setting
- 50 rub-clean, anti clog spray nozzles
- Pressure compensating flow technology
- Integrated normally closed valve with bypass
- 72" stainless steel hose with ShowerStart TSV
- Shower Arm Mount
- Plated ABS body with plastic ½" NPT fittings (female)
- Size (handshower): 3.5" x 1.25" x 8.75" / 8.9cm x 3.2cm x 22cm

TECHNICAL CONSIDERATIONS

Compatibility:

- For showers containing an in wall diverter
- For use in homes with static water pressure >35 psi
- Works with galvanized or copper plumbing
- Tankless systems require a minimum flow rate to produce hot water. With some tankless systems, a brief yet noticeable change in the shower's temperature may occur shortly after resuming the shower's normal flow

Default operating mode:

- The system's default mode assumes a shower will be taken

Bypass auto-divert for bathing:

- PUSH on the tub spout's diverter after auto-diverting has activated to bypass the hand shower, filling the tub with hot water

Auto resets for next use:

- The system automatically resets to its default mode after a shower or bath is completed

ShowerStart TSV:

- ShowerStart TSV is not an anti-scald device
- Lower water heater to 120° F (49° C)
- Always resume water flow and check water temperature before entering shower

CODES / STANDARDS APPLICABLE

- Uniform Plumbing Code (cUPC)
- WaterSense
- IAPMO IGC 244
- ASME A112.18.1 / CSA B125.1