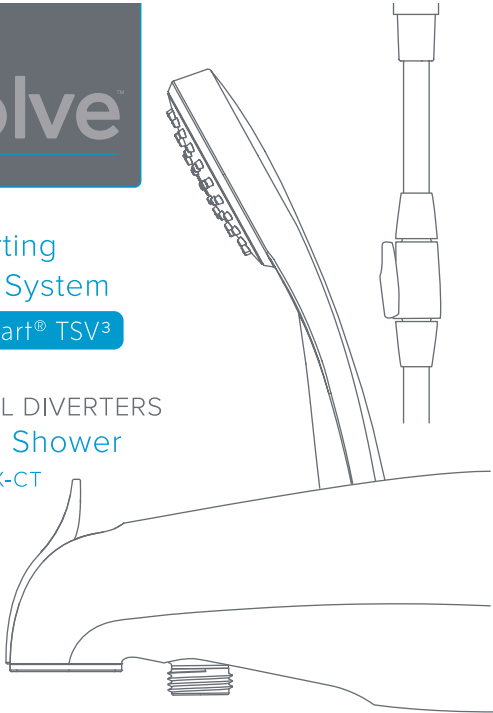


Auto-Diverting Tub Spout System

+ ShowerStart® TSV³

FOR IN WALL DIVERTERS
With Hand Shower
EV3786-CPXX-CT

GUIDE

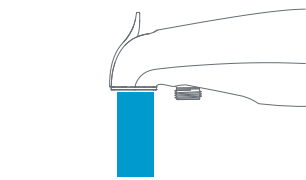


CERTIFIED SUPERIOR PERFORMANCE			
part number	max flow at 80 psi	min flow at 45 psi	
EV3746-CP125	1.25gpm (4.7 L/min)	.9gpm (3.4 L/min)	
EV3746-CP150	1.5gpm (5.7 L/min)	1.1gpm (4.2 L/min)	
EV3746-CP175	1.75gpm (6.6 L/min)	1.3gpm (4.9 L/min)	

IMPORTANT SAFETY INFORMATION:
ShowerStart TSV is NOT an anti-scald device.

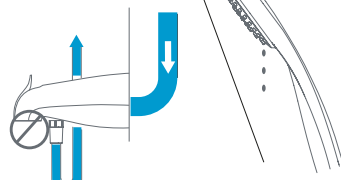
- Lower water heater temperature to prevent scalding accidents. Water temperatures above 120°F can cause severe burns or even death.
- Always resume water flow and check water temperature before entering shower.
- Not designed for use with tankless hot water heaters.

HOW IT WORKS



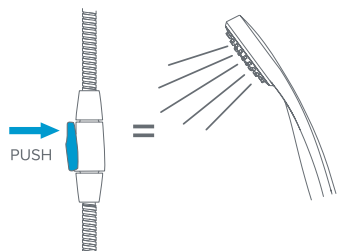
1 Turn on water to tub spout

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



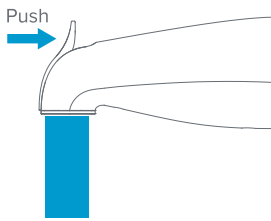
2 Auto diverts when hot water arrives

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

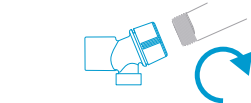
Push the in-hose button to activate normal flow and begin showering.



4 Option: Taking a bath

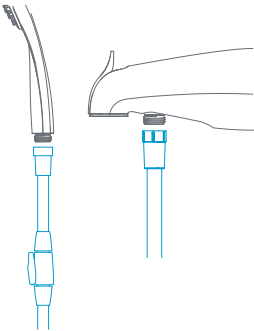
If a bath is preferred, simply push tub spout lever back to its original position.

HANDSHOWER INSTALLATION



1 Remove washer from pipe if present. Hand tighten Evolve Handshower Mount clockwise onto the shower pipe.

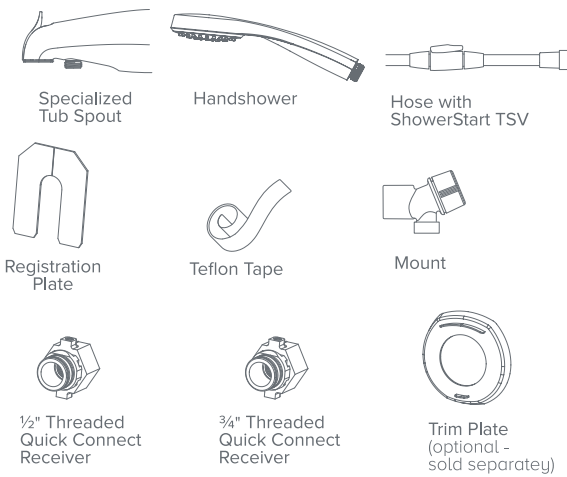
2 Attach hose ends to Tub Spout and Hand Shower. The ShowerStart TSV Trigger should be attached closest to the Hand Shower.



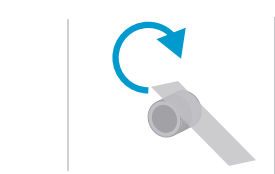
Use Threaded Connection Install if:

- threaded pipe extends 5/8" or less from wall

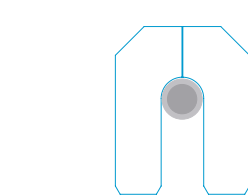
Parts needed:



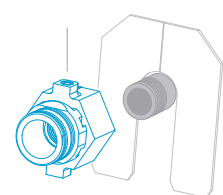
Tools needed:
hex key (included)



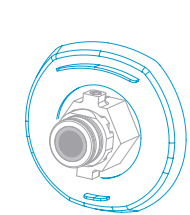
1 Wrap supplied Teflon Tape around threads in a clockwise direction.



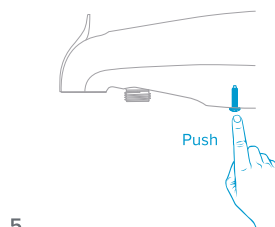
2 Place Registration Plate to assure accurate alignment.



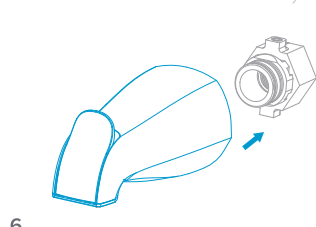
3 Thread the appropriate size Quick Connect Receiver onto the water supply pipe. Align vertical indication on mount with registration plate. Adjust teflon tape if necessary to achieve tight and vertical. Remove Registration Plate.



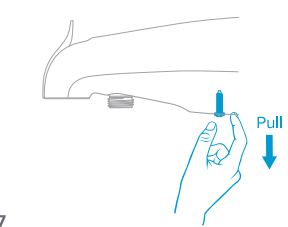
4 (Optional - sold separately) If necessary or desired, affix Trim Plate.



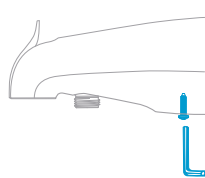
5 Before attaching the Auto-Diverting Tub Spout, press up on the unit's set screw until it can move upwards no further. (unthread screw slightly if interfering)



6 Fully seat the Auto-Diverting Tub Spout.



7 Pull the Auto-Diverting Tub Spout's set screw until it slides downward no further. This holds the unit in place.

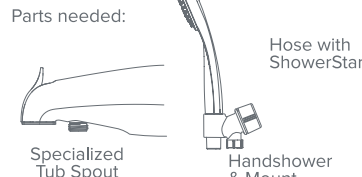


8 Lock the Auto-Diverting Tub Spout in place by tightening the unit's set screw. Apply caulk around the back edge of the tub spout leaving a small gap at the bottom.

SLIP-FIT CONNECTION INSTALLATION

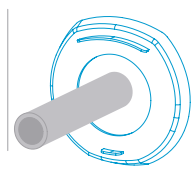
Use Slip-Fit Connection Install if:

- previous tub spout was a slip-fit
- water pipe extends more than 1.25" from wall

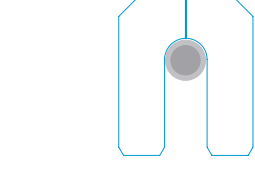


Tools needed:

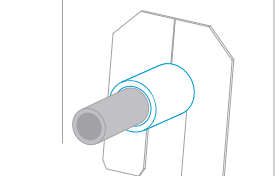
- phillips head screwdriver
- flat head screwdriver
- pencil
- pipe cutter
- hex key (included)



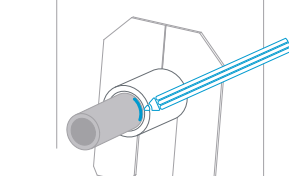
1 (optional Trim Plate – sold separately) The Trim Plate is only needed if the existing hole in the wall would not be fully covered by the back end of the tub spout or the wall is uneven.



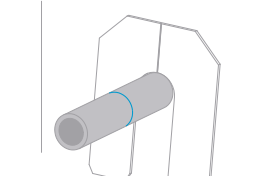
2 Place the Registration Plate against the wall over pipe.



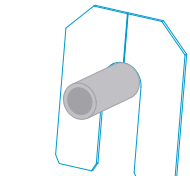
3 Slide the Spacing Tube over the water supply pipe until it touches the Registration Plate.



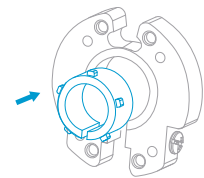
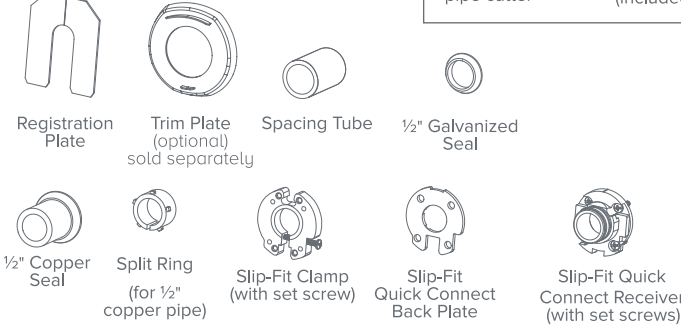
4 Place a mark on the water supply pipe at the end of the Spacing Tube. Remove the Spacing Tube.



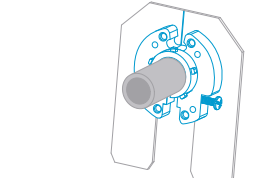
5 Cut the water supply pipe at the mark.



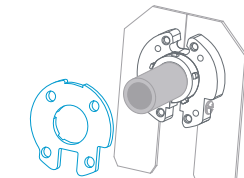
6 Place the Registration Plate against the wall so the water supply pipe fits within its notch. Adjust so its alignment indicator is vertical.



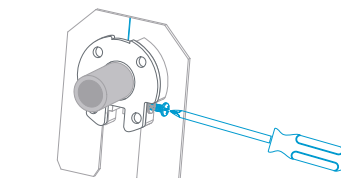
7 For 1/2" copper pipe only: Slide Split-Ring into Slip-Fit Clamp before continuing with next step.



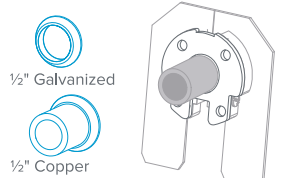
8 Slide the Slip-Fit Clamp over the water supply pipe until it's touching the Registration Plate.



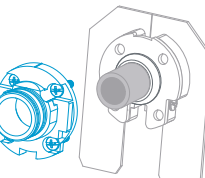
9 Slide the Slip-Fit Quick Connect Back Plate over the water supply pipe until it connects to the Slip-Fit Clamp. It seats via alignment tabs.



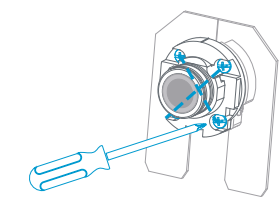
10 Tighten the Slip-Fit Clamp's set screw.



11 Slide the correct Seal over the water supply pipe until it touches the Slip-Fit Quick Connect Back Plate. The small end of either seal should be facing outwards.



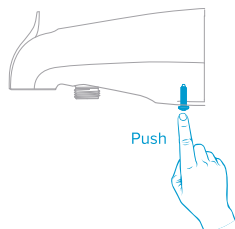
12 Slide the Slip-Fit Quick Connect Receiver over the water supply pipe until it is seated upon the Seal.



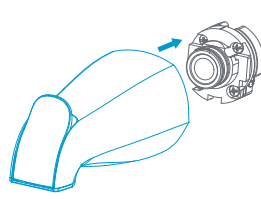
13 Tighten the Slip-Fit Quick Connects Receiver's four front facing screws. Each screw should be tightened a little at a time, working in an "X" pattern until they are fully tightened.



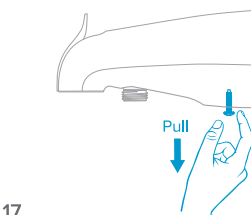
14 Remove the Registration Plate.



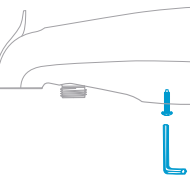
15 Before attaching the Auto-Diverting Tub Spout, press up on the unit's set screw until it can move upwards no further (unscrew first slightly if interfering).



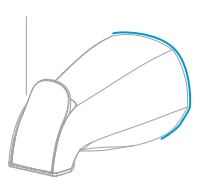
16 Fully seat the Auto-Diverting Tub Spout.



17 Pull the Auto-Diverting Tub Spout's set screw until it slides downward no further. This holds the unit in place.



18 Lock the Auto-Diverting Tub Spout in place by tightening the unit's set screw.



19 Apply caulk around the back edge of the tub spout leaving a small gap at the bottom.

TECHNICAL

Compatibility:

- For use in showers with in wall diverters
- For use in homes with static water pressure of at least 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

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



WaterSense

Conforms to A112.18.1M
1.25 GPM models: For use with automatic compensating valves rated at .9 gpm (3.4 L/min) or less.
1.5 GPM models: For use with automatic compensating valves rated at 1.1 gpm (4.2 L/min) or less.
1.75 GPM models: For use with automatic compensating valves rated at 1.3 gpm (4.9 L/min) or less.

Questions?

Contact us at www.thinkevolve.com/support or call 480-496-2294

WARRANTY

3 Year Limited Lifetime Warranty

For warranty claims please contact us at www.thinkevolve.com or call 480-496-2294

Evolve Technologies warrants this product to be free from defects in materials and workmanship for a period of three years from the date of purchase. This warranty is limited to repairing or replacing, at Evolve Technologies' sole option, any such defective products. To obtain service under warranty you must obtain a Return Material Authorization (RMA) number from an Evolve Technologies representative. The product must be returned with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment which has been damaged by accident, negligence, or misapplication or has been altered or modified in any way. This warranty applies to the original purchaser. EXCEPT AS PROVIDED HEREIN, Evolve Technologies MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some countries do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. EXCEPT AS PROVIDED ABOVE, IN NO EVENT SHALL Evolve Technologies BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, Evolve Technologies is not liable for any costs, such as lost products or revenue, loss of equipment, loss of use of equipment, costs of substitutes, claims by third parties, or otherwise. This warranty gives you specific legal rights and you may also have other rights which may vary from location to location.

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Designed and developed in USA. Manufactured in China. Rev-3.0



