

evolve™

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Single Function Handshower

+ ShowerStart® TSV

FEATURES

- Integrated ShowerStart® TSV (Thermostatic Shut-off Valve) prevents hot water waste during shower warm up (behavioral waste)
- Single function, full-body spray pattern
- 54 rub-clean, anti-clog spray nozzles
- Pressure compensating flow regulation
- Stainless steel hose
- Shower arm mounting bracket
- 3 year warranty

SHOWERSTART® TSV

- Automatically reduces flow to a trickle once water reaches 95° F (35° C)
- Normal flow is resumed by pulling lanyard
- Automatically resets for next use after water flow to showerhead is terminated
- Designed for use in environments with static water pressures of 30 psi or higher

CODES / STANDARDS APPLICABLE

SPECIFIC MODEL MEETS OR EXCEEDS THE FOLLOWING:

- WaterSense & Uniform Plumbing Codes (cUPC): IAPMO IGC 244-2007a & ASME A112.18.1-2011/C-SA B125.1-11.
- Conforms to A112.18.1M. For use with automatic compensating valves rated at 1.1 gpm (4.2 L/min) or less.



PRODUCT SPECIFICATION

The Single Function Handshower with ShowerStart TSV shall attach to shower arms with ½" NPT male fittings. The integrated ShowerStart TSV shall automatically reduce the handshower's flow to a trickle once water measuring 95° F (35° C) reaches the fixture to save the hot water that's used during the user's warm-up routine (behavioral waste). The trickle shall continue until the user reactivates normal flow by pulling on the TSV's lanyard or toggling the bypass lever to which the lanyard is attached. Once water flow to the handshower is terminated its integrated valve shall automatically return to its normally closed position. The Handshower with ShowerStart TSV is designed to operate in plumbing environments with static water pressures of 30 psi or higher. The handshower comes complete with a stainless steel hose and shower arm mounting bracket.

MODEL	DESCRIPTION	FINISH	SPRAY PATTERN	FLOW RATE	PKG
EV3031-CP150-SB	WaterSense Handshower + ShowerStart TSV	chrome	full body	1.5 gpm (5.7 L/min)	single
EV3031-CP175-SB	WaterSense Handshower + ShowerStart TSV	chrome	full body	1.75 gpm (6.6 L/min)	single
EV3031-CP200-SB	WaterSense Handshower + ShowerStart TSV	chrome	full body	2.0 gpm (7.6 L/min)	single
EV3031-CP150-BP	WaterSense Handshower + ShowerStart TSV	chrome	full body	1.5 gpm (5.7 L/min)	bulk
EV3031-CP175-BP	WaterSense Handshower + ShowerStart TSV	chrome	full body	1.75 gpm (6.6 L/min)	bulk
EV3031-CP200-BP	WaterSense Handshower + ShowerStart TSV	chrome	full body	2.0 gpm (7.6 L/min)	bulk

Single Function Handshower with ShowerStart TSV

PHYSICAL CHARACTERISTICS

- Solid brass 1/2" NPT fittings (female)
- Plated ABS body
- Single function, full-body spray pattern
- 54 rub-clean, anti-clog spray nozzles
- Spray face diameter: 3.25" (83 mm)
- 59" stainless steel hose with brass fittings
- Weights:
Handshower: 5 oz (14 gm)
Mounting Bracket: 7.2 oz (.20 kg)
Hose: 8.3 oz (.24 kg)
- 12" Detachable lanyard

TECHNICAL NOTES

The ShowerStart TSV is not an anti-scald device:

- Lower water heater to a maximum of 120° F (49° C)
- Always resume water flow and check water temperature before entering shower
- For use in homes with static water pressure >30 psi
- 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

PERFORMANCE VS. WATERSENSE STANDARD

WaterSense was created by the EPA to establish minimum performance requirements for efficient showerheads with the goal of improving user satisfaction. This showerhead exceeds the WaterSense standard and, as a result, users receive a great feeling, water and energy saving shower regardless of their home's water pressure.

CERTIFIED SUPERIOR PERFORMANCE		
part	max flow at 80 psi	min flow at 45 psi
1.5 gpm Showerhead	1.5gpm (5.7 L/min)	1.1gpm (4.2 L/min)
1.75 gpm Showerhead	1.75gpm (6.6 L/min)	1.3gpm (4.9 L/min)
2.0 gpm Showerhead	2.0gpm (7.6 L/min)	1.5gpm (5.7 L/min)

