

SHC Mini-Tank Electric Water Heaters

Description

SHC Mini-Tank installs right under or near a sink and provides hot water for hand washing or kitchen type applications either as a stand-alone hot water source or as a booster for remote central tank. Lightweight and compact, the SHC mounts to the wall (bracket included), draws 11.3 A and plugs into a 110–120 V outlet.

- › T & P valve included
- › Glass-lined tank
- › 1/2" NPT black iron water connections
- › Wall mounted
- › Plugs into 120 V 15 A outlet
- › 6-year warranty on tank /2-year on components
- › Reduces standby losses
- › Manufactured in Germany



› SHC mini-tanks are suitable for use as a stand-alone hot water source for a sink(s), as a booster for a long pipe run from a remote hot water source, or in a recirculation loop.

Applications

Commercial > Industrial > Institutional

- › Office buildings
- › Stores
- › Malls
- › Warehouses
- › Gas stations
- › Schools
- › Hotels/Motels
- › Restaurants

Residential

- › Bathroom Sinks
- › Kitchen sinks
- › Laundry areas
- › Cabins/cottages

Models & Dimensions

Model	Voltage	Watts	Amps	Nominal Water Vol.	Max. Adj. Temperature	Recovery Time	Standby energy loss
SHC 2.5	120 V	1300 W	11.3 A	2.65 Gal / 10 L	140°F / 60°C	18 min.	0.37 kW/day ¹
SHC 4	120 V	1300 W	11.3 A	3.96 Gal / 15 L	140°F / 60°C	27 min.	0.39 kW/day ¹

¹ Measured at 131°F / 55°C set point temperature in 68°F / 20°C ambient air temperature.

SHC Model	SHC 2.5	SHC 4
Part number	233219	234046
Weight Empty (lbs / kg)	15.9 lbs / 7.2 kg	19.8 lbs / 9.0 kg
Height (inches/cm)	18 11/16 in / 47.5 cm	19 3/4 in / 50.1 cm
Width (inches/cm)	11 in / 28.0 cm	12 5/8 in / 32.0 cm
Depth (inches/cm)	10 5/8 in / 27 cm	12 1/2 in / 31.8 cm
Max. Operating Pressure	150 psi / 10 bar	150 psi / 10 bar
Cover Material and Color	Alpine White ABS	Alpine White ABS



Intertek

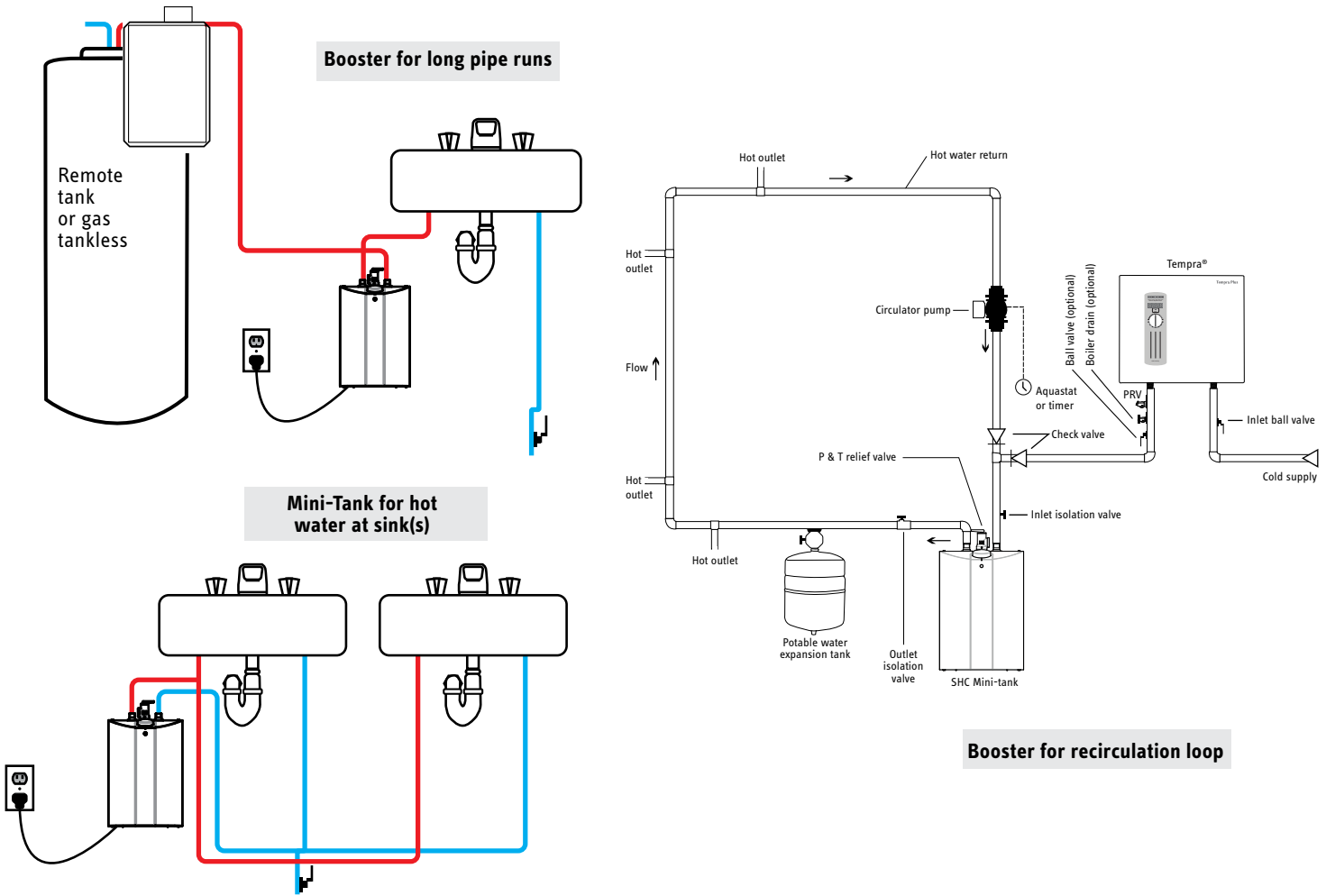
Certified to ANSI/UL Std. 174
Conforms to CAN/CSA Std. C22.2 No. 110



Tested and certified by WQA against NSF/ANSI 372 for lead free compliance.

ISO 9001
CERTIFIED

Typical Installations



Specification

Mini-tank water heater shall be Stiebel Eltron model SHC 2.5 (4.0) with a storage capacity of 2.5 (4.0) gallons, a copper-sheathed electric resistance immersion element with a rating of 1.3 kW, a recovery time of 18 (27) minutes, and a maximum operating pressure of 150 psi. The water heater pressure vessel shall be welded glass-lined steel with a sacrificial anode rod, 1/2" NPT male black iron inlet and outlet nipples, equipped with both a thermostat capable of setting temperatures from 86°F to 140°F (86°F-165°F) and a high limit temperature switch, and polystyrene insulation capable of limiting standby heat loss to 0.37 (0.39) kWh/day. Water heater shall be supplied with an ASME-rated and lead-free automatic reseating combination temperature and pressure relief valve set at 150 psi and 210°F. Water heater shall be ETL listed to conform to ANSI/UL Std. 174 and certified to CAN/CSA Std. C22.2 No. 110, and certified by WQA against NSF/ANSI 372 for lead-free compliance. Manufacturer shall provide a parts warranty for both residential and commercial installation that the water heater shall be free from defects in workmanship and materials for a period of two (2) years from the date of purchase and the tank will be free from defects in workmanship and materials for a period of six (6) years from the date of purchase.

Engineer/Architect _____	Date _____
Job Name/Customer _____	Location _____
Contractor _____	Representative _____
	Qty kW Voltage Amps GPM
SHC model _____	_____

rev. 2015.1 Due to our continuous process of engineering and technological advancement, specifications may change without notice.