

PSH Plus Wall-Mounted Tank Water Heaters

Description

The PSH Plus storage water heater is a compact water heater that can be installed wherever hot water is needed. The unique wall-mounted design frees up valuable space. The combination of a smaller capacity tank with a powerful 3 kW heating element results in a quick recovery time. The special porcelain enamel coating, and the highly effective sacrificial magnesium anode ensure a long service life. The PSH Plus water heater is easily connected using copper, PVC, or PEX tubing.

- › Residential or commercial use
- › Wall mounting saves floor space
- › Adjustable temperature control 86-167 °F (30-75 °C)
- › Temperature control located in front for easy access
- › Quality finish
- › Elegant enough for residential use
- › Rugged enough for commercial use
- › Thick polyurethane insulation 1 7/8" (48 mm) for low 24-hour stand-by losses
- › Special "CoPro" glass enamel coating ensures long tank life
- › Sacrificial anode protects the tank
- › Optional wall-mounted drain pan available

Applications

- | | |
|--|---------------------------|
| Commercial > Industrial > Institutional | Residential |
| › Office buildings | › Bathroom Sinks |
| › Malls & Stores | › Kitchen & Laundry Sinks |
| › Food Trucks | › RVs |
| › Warehouses | › Cabins/cottages |
| › Gas stations | |
| › Schools | |
| › Hotels/Motels | |
| › Restaurants | |



PSH Plus Specifications

Model	Voltage	Wattage	Nominal Water Vol.	Max. Adjustable Temperature	First Hour Rating	Recovery Time	Standby energy loss
PSH 20 Plus	240 V	3267 W	21 gal. (80 l)	167 °F (75 °C)	30 gal. (113.6 l)	59 min.	0.729 kWh/day ¹
PSH 30 Plus	240 V	3267 W	32 gal. (120 l)	167 °F (75 °C)	28.03 gal. (106.1 l)	89 min.	1.073 kWh/day ¹

Model	PSH 20 Plus	PSH 30 Plus
Part number	235968	235969
Mixed Water Volume @ 104 °F (40 °C)	37 gal. (139 l)	58 gal. (221 l)
First Hour Rating	30 gal. (113.6 l)	28.03 gal. (106.1 l)
Weight Empty	62.2 lbs (28.2 kg)	86.2 lbs (39.1 kg)
Weight Full	238.5 lbs (108.2 kg)	350.8 lbs (159.1 kg)
Diameter	20" (510 mm)	20" (510 mm)
Depth, w/mounting bracket	20 1/2" (520 mm)	20 1/2" (520 mm)
Height	36 1/4" (922 mm)	48 3/8" (1229 mm)
Max. Operating Pressure	150 psi (10 bar)	150 psi (10 bar)
Water connections	3/4" NPT	3/4" NPT

¹ Measured at 149 °F (65 °C) set point temperature over a 24-hour period.



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



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



ISO 9001 CERTIFIED

Specification

Contractor shall supply and install a Stiebel Eltron model PSH [20/30] Plus wall-mounted water heater with a storage capacity of [21/32] gallons, a stainless steel electric resistance immersion element with a rating of 3.0 kW, a recovery time of [59/89] minutes, and a maximum operating pressure of 150 psi. The water heater pressure vessel shall be welded glass-lined steel with a magnesium sacrificial anode rod, 3/4" NPT male steel inlet and outlet nipples, equipped with both a thermostat capable of setting temperatures from 86 °F to 167 °F (30 °C to 75 °C) and a high limit temperature switch, and polyurethane insulation capable of limiting standby heat loss to [0.729/1.073] kWh/day. Water heater shall be supplied with a factory-installed 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 leakage 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
PSH model _____	_____	3.267	240	13.1