

Engineer/Architect: _____ **Date:** _____

Job Name/Customer: _____ **Phone:** _____

Location: _____ **Date Required:** _____

Contractor: _____ **Phone:** _____

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



PSH Plus Specifications

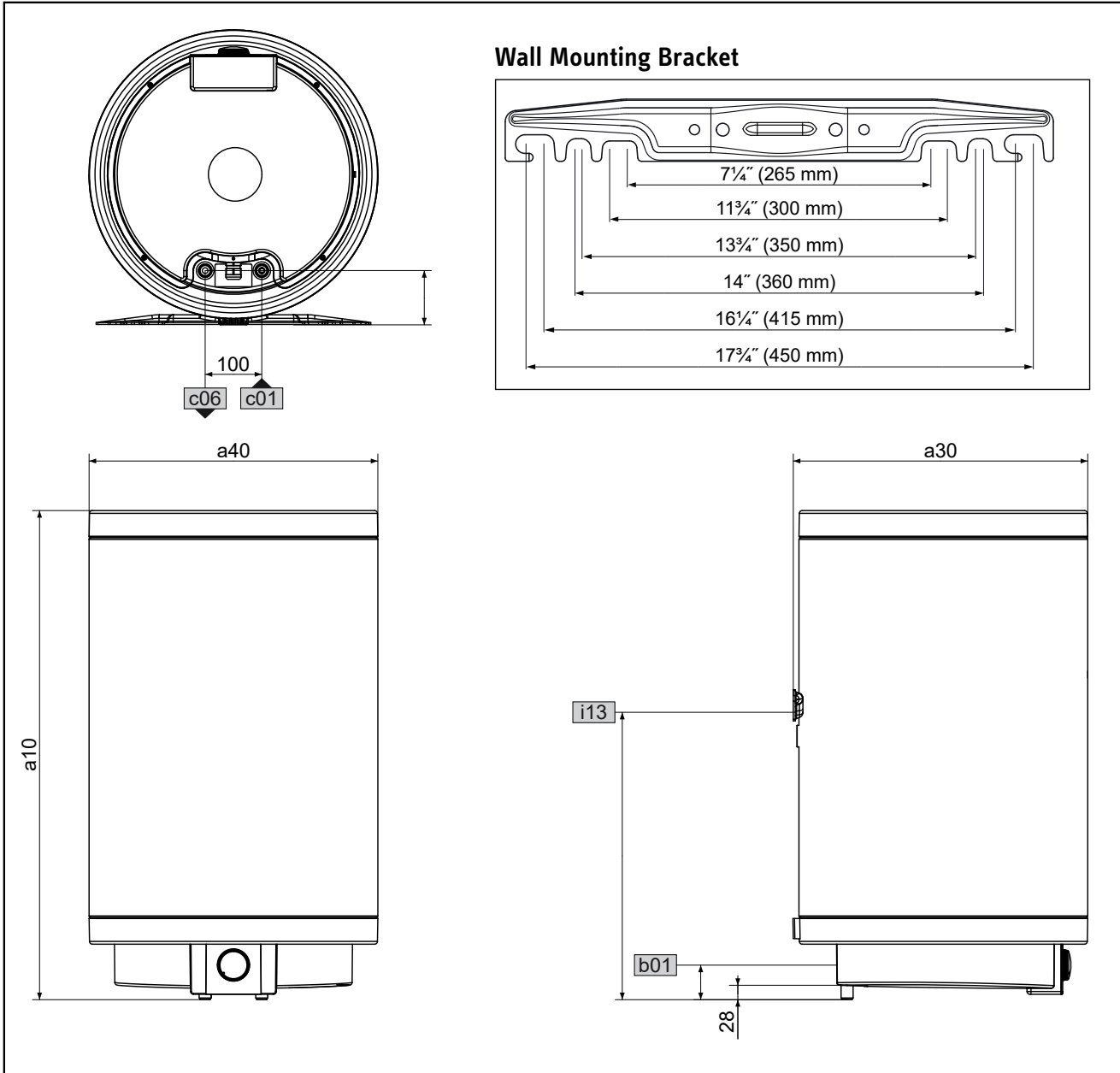
Model	Voltage	Wattage	Nominal Water Vol.	Max. Adjustable Temperature	First Hour Rating	Recovery Time	Standby energy loss
PSH 20 Plus	240 V	3267 W	21 gal. (80 l)	167 °F (75 °C)	30 gal. (113.6 l)	59 min.	0.729 kWh/day ¹
PSH 30 Plus	240 V	3267 W	32 gal. (120 l)	167 °F (75 °C)	28.03 gal. (106.1 l)	89 min.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



Dimensions



			PSH 20 Plus	PSH 30 Plus
a10	Appliance	Height	36 ¹ / ₄ " (922 mm)	48 ³ / ₈ " (1229mm)
a30	Appliance	Depth	20 ¹ / ₂ " (520 mm)	20 ¹ / ₂ " (520 mm)
a40	Appliance	Diameter	20" (510 mm)	20" (510 mm)
b01	Electrical cable entry	Threaded fitting	PG 16	PG 16
		Height	2 ³ / ₈ " (61 mm)	2 ³ / ₈ " (61 mm)
c01	Cold water inlet	Male thread	3/4" NPT male	3/4" NPT male
		Rear clearance	3 ³ / ₄ " (95 mm)	3 ³ / ₄ " (95 mm)
c06	DHW outlet	Male thread	3/4" NPT male	3/4" NPT male
		Rear clearance	3 ³ / ₄ " (95 mm)	3 ³ / ₄ " (95 mm)
i13	Mounting bracket	Height	20 ¹ / ₂ " (521 mm)	32 ¹ / ₂ " (826 mm)

LIMITED WARRANTY

Subject to the terms and conditions set forth in this limited warranty, Stiebel Eltron, Inc. (the "Manufacturer") hereby warrants to the original purchaser (the "Owner") that each PSH Plus Domestic Hot Water Heater (the "Heater") shall not (i) leak due to defects in the Manufacturer's materials or workmanship for a period of six (6) years from the date of purchase or (ii) fail due to defects in the Manufacturer's materials or workmanship for a period of two (2) years from the date of purchase. As Owner's sole and exclusive remedy for breach of the above warranty, Manufacturer shall, at the Manufacturer's discretion, send replacement parts for local repair; retrieve the unit for factory repair, or replace the defective Heater with a replacement unit with comparable operating features. Manufacturer's maximum liability under all circumstances shall be limited to the Owner's purchase price for the Heater.

This limited warranty shall be the exclusive warranty made by the Manufacturer and is made in lieu of all other warranties, express or implied, whether written or oral, including, but not limited to warranties of merchantability and fitness for a particular purpose. Manufacturer shall not be liable for incidental, consequential or contingent damages or expenses arising directly or indirectly from any defect in the Heater or the use of the Heater. Manufacturer shall not be liable for any water damage or other damage to property of Owner arising, directly or indirectly, from any defect in the Heater or the use of the Heater. Manufacturer alone is authorized to make all warranties on Manufacturer's behalf and no statement, warranty or guarantee made by any other party shall be binding on Manufacturer.

Manufacturer shall not be liable for any damage whatsoever relating to or caused by:

1. any misuse or neglect of the Heater, any accident to the Heater, any alteration of the Heater, or any other unintended use;
2. acts of God and circumstances over which Manufacturer has no control;
3. installation of the Heater other than as directed by Manufacturer and other than in accordance with applicable building codes;

4. failure to maintain the Heater or to operate the Heater in accordance with the Manufacturer's specifications;
5. operation of the Heater under fluctuating or excessive water pressure or in the event the Heater is supplied with non-potable water, for any duration;
6. improper installation and/or improper materials used by any installer and not relating to defects in parts or workmanship of Manufacturer;
7. moving the Heater from its original place of installation;
8. exposure to freezing conditions;
9. water quality issues such as corrosive water, hard water, and water contaminated with pollutants or additives;
10. not continuously supplying the unit with water aka "dry-firing".

Should Owner wish to return the Heater to Manufacturer for repair or replacement under this warranty, Owner must first secure written authorization from Manufacturer. Owner shall demonstrate proof of purchase, including a purchase date, and shall be responsible for all removal and transportation costs. If Owner cannot demonstrate a purchase date this warranty shall be limited to the period beginning from the date of manufacture stamped on the Heater. Manufacturer reserves the right to deny warranty coverage upon Manufacturer's examination of the Heater. This warranty is restricted to the Owner and cannot be assigned.

Some States and Provinces do not allow the exclusion or limitation of certain warranties. In such cases, the limitations set forth herein may not apply to the Owner. In such cases this warranty shall be limited to the shortest period and lowest damage amounts allowed by law. This warranty gives you specific legal rights and you may also have other rights which vary from State to State or Province to Province.

Owner shall be responsible for all labor and other charges incurred in the removal or repair of the Heater in the field. Please also note that the Heater must be installed in such a manner that if any leak does occur, the flow of water from any leak will not damage the area in which it is installed.

This Warranty is valid for U.S.A. & Canada only. Warranties may vary by country. Please consult your local Stiebel Eltron Representative for the Warranty for your country.