

Compact Point-of-Use Electric Water Heater

1 Gallon, 1000 Watts, 120 Volt, 1 Phase

Features

■ Heavy Duty Construction

- ✓ Stainless Steel tank and a low watt density heating element provide long service life
- ✓ Reliable, trouble-free design ensures complete end-user satisfaction
- ✓ Five (5) year non pro rated tank warranty
One (1) year parts/labor warranty
- ✓ 304 Stainless Steel Exterior

■ High Efficiency

- ✓ Point of use installation installs directly to cold water piping
- ✓ Space saving design requires no floor space and is acceptable for use in ADA compliant installations

■ Reliable

- ✓ Thermostat allows for accurate temperature control
- ✓ No flow restrictor or special aerator required
- ✓ Easily installed using 120V 1 phase power

APPLICATIONS

- Wash Room/Lavatory Sinks
- Hand Sinks
- Remote Locations
- Food Carts
- OEM Applications
- Correctional Facility



Model J1SSA



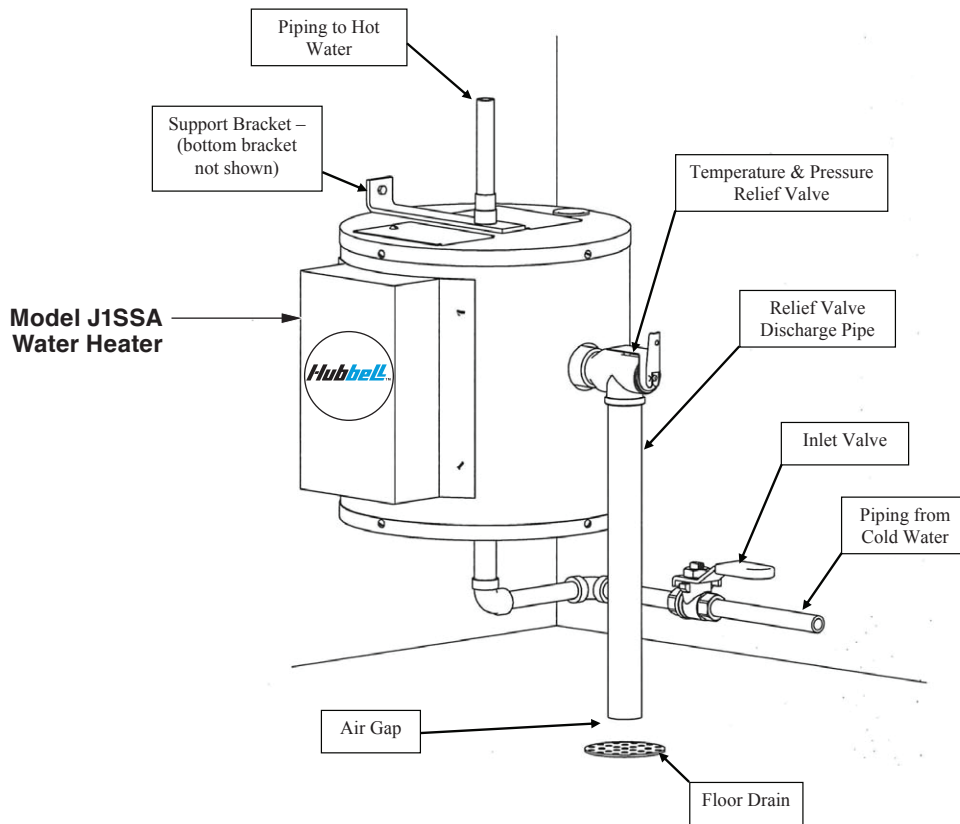
The Model J1SSA is a compact heater easily installed at the point-of-use

The Most Reliable Point-Of-Use Water Heater Available

The Hubbell J1SSA is a compact point-of-use water heater which does not take up any floor space and eliminates the need for long pipe runs from a central heater. The J1SSA is simple to install and operates with all types of fixtures. The Model J1SSA does not require a special faucet aerator or any type of flow restricting device and will not alter the performance or appearance of a fixture. The Model J1SSA is an ideal choice for many foodservice applications where

point of use hot water is required. Its rugged construction ensures reliable and trouble free operation and is backed by a full five (5) year non pro-rated tank warranty and (1) year parts/labor warranty. It makes sense to specify and install a Hubbell J1SSA because it will provide the owner with a reliable, long lasting, and trouble-free source for hot water.

Installation Without Thermostatic Mixing Valve



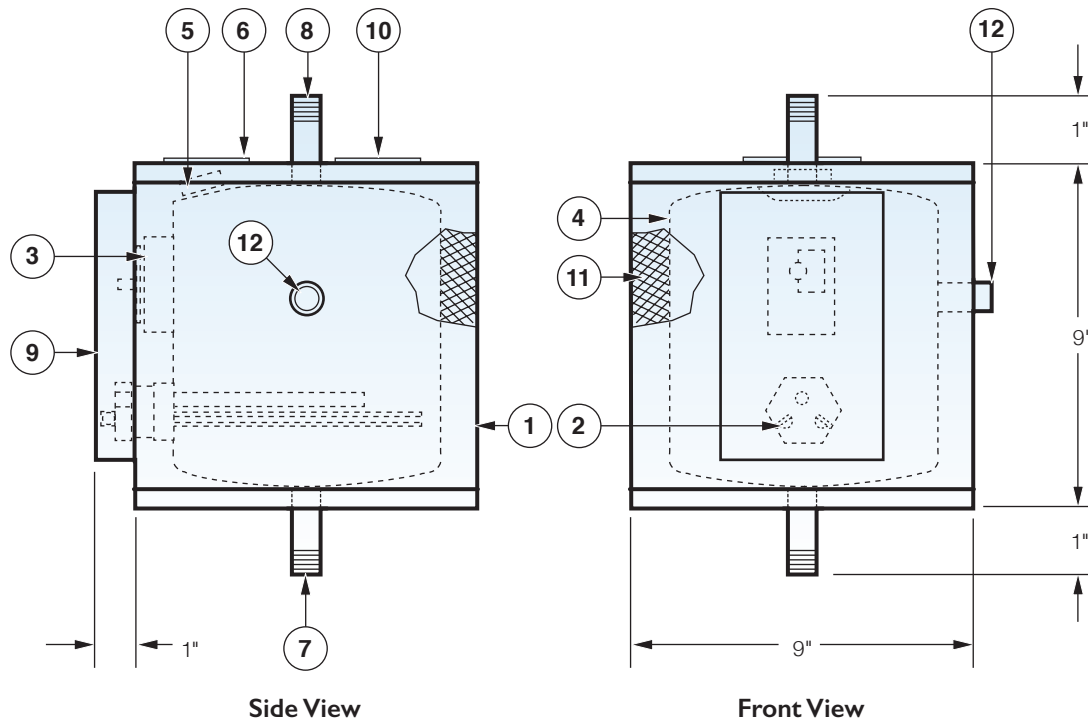
Optional Equipment

- 1. Tempering valve to increase the amount of hot water available. Valve is 1/2" size and adjustable from 100-130°F. Typically used when supplying hot water to multiple lavs from a single J1SSA.
- 2. Low amperage/wattage model is 450 watts and draws 4 amps at 120 volt, 1 phase power. Please specify Model J0.4SSA
- 3. Factory supplied 3 foot long grounded power cord
- 4. Alternate voltages available, consult factory.

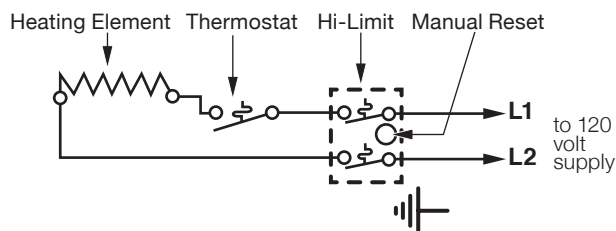
Model J1SSA Water Heater Specifications

Tank:	Stainless Steel	Thermostat Range:	110-170°F, graduated 1-10
Storage Capacity:	1 Gallon	Hi-Limit:	190°F (fixed)
Orientation:	Vertical	Design WP:	150 psi
Voltage:	120 Volt	Test Pressure:	300 psi
Phase:	1 Phase	Element:	Copper Sheathed
Wattage	1000 Watts	Insulation:	1" Fiberglass
Optional:	450 Watts	Warranty	
Recovery Rate	45-110°F (65°FΔT)	Parts/Labor:	1 Year
No Tempering Valve:	6.3 GPH	Tank:	5 Year Non Pro-Rated
With Tempering Valve:	11.5 GPH	Jacket:	304 Stainless Steel
Connection Size		Shipping Weight:	15 LBS
Inlet:	1/4" Male NPT		
Outlet:	1/4" Male NPT		
Relief Valve:	3/4" Female NPT		

PC Number	Description	PC Number	Description
1	304 Stainless Steel Exterior	7	Cold Water Inlet - 1/4" Male NPT
2	Heating Element - 1000 Watts, 120V	8	Hot Water Inlet - 1/4" Male NPT
3	Thermostat 110-170°F	9	Front Cover
4	Stainless Steel Tank - 1 Gallon	10	Electrical Service Entrance
5	Hi Limit Manual Reset - 190°F	11	Insulation Fiberglass 1" Thick
6	Access Plate To Hi-Limit	12	T&P Relief Valve Opening



Wiring Diagram



Optional Equipment:

- Tempering valve to increase the supply of hot water to 11.5 GPH 45-110°F
- 450 watt model, please specify model J0.4SSA rated 4 amp at 120V
- Factory supplied 3 foot long grounded power cord

Notes:

1. Unit rated for 150psi WP
2. Recovery rated 6.3 GPH 45-110°F and will draw 8.3 amps at 120V, 1 PH
3. Unit supplied with two (2) wall mounting brackets
4. Unit supplied with T&P relief valve set at 150 psi and 210°F

Hubbell™ Electric Water Heater

Model J1SSA

1 Gallon ■ 1000 Watt ■ 120 Volt ■ 1 Phase

The Electric Heater Company ■ Stratford, CT

By R.P.

Drawing Number 208

Master Specification: Model J1SSA

JOB NAME _____

ENGINEER _____

REPRESENTATIVE _____

CONTRACTOR _____

General

Provide a quantity of _____ point-of-use electric water heater(s) Model J1SSA (**Optional Specification: Model J0.4SSA (450 Watts)**) as manufactured by HUBBELL Electric Heater Co., Stratford, CT. The pressure section shall be constructed of stainless steel and rated for 150 psi working pressure. The water heater is designed for installation directly under the plumbing fixture without occupying any floor space. The tank is to be jacketed and insulated with fiberglass blanket insulation and finished in 304 Stainless Steel. The immersion copper sheathed heating element shall be rated at 1000 Watts (**Optional Specifications: 450 Watts**), 120 Volt, Single Phase, 60 Hz power and have a maximum rating of 50 Watts per square inch to ensure heating element longevity. The immersion heater shall be controlled by an adjustable 110-170°F immersion thermostat and will provide hot water at the stated GPH recovery rate regardless of the short term flow rate at the point-of-use fixture. The water heater shall not require the removal or replacement of the original faucet mounted aerator or the installation of a flow restricting device and the heater shall be operable from 0-150 psi working pressure. The heater shall include an over-temperature manual reset Hi-Limit designed to disconnect all conductors to the heating element in the event of an over-temperature condition. Water heaters relying solely on an automatic resetting Hi-Limit device will not be acceptable. Two (2) wall brackets shall be supplied for wall mounting. An ASME/CSA rated combination temperature and pressure safety relief valve set at 150 psi and 210°F shall be factory supplied for in the field installation.

In addition, the heater may be supplied with the following optional features:

- Tempering Valve to extend the hot water supply – 1/2", 100-130°F.
- Factory supplied 3 foot long grounded power cord

Warranty

The entire pressure vessel shall be provided with a full Five (5) year non pro rated tank warranty. The entire heater including all components shall be provided with a one year warranty including parts and labor provided that the unit(s) are started within three (3) months of date of shipment and installed and operated within the scope of the unit's design and operating capabilities.



Hubbell™

Committed to continuous improvement...

Made in the U.S.A.



Continuing research results in product improvement; therefore specifications are subject to change without notice. For the most updated information, consult the factory directly.