



SuperStor Contender Indirect Fired Water Heater Submittal and Specification

Job Name:	Location:
Engineer:	Wholesaler:
Mechanical Contractor:	Notes:
Model Number:	
Specifications:	

Indirect Fired Water Heater Models

- Available in 20 through 50 gallon capacities
- Example Model Number: SSC-20TC

Construction

- Super-insulated with environmentally safe, CFC and HFC free, polyurethane foam insulation to reduce heat loss and power consumption
- Outer jacket constructed of durable powder-coated steel
- 3/4" top hot water outlet draws the hottest water from the tank, ensuring long draws of hot water
- 3/4" top cold water inlet with dip tube directs cold water to the bottom of the tank, minimizing the mixing of cold and heated water
- 1/2" aquastat well for highly accurate temperature control
- Temperature and pressure relief valve port
- One (1) Magnesium Anti-Corrosion Anode

Titanium Glass-Lined Steel Tank

- Tolerates high temperatures and offers superior corrosion resistance
- High elasticity adapts to expansion and contraction for added strength and durability
- Titanium Glass-Lining provides a resistant layer of protection against corrosion

High Efficiency Super Flex Heat Exchanger

- Works with any hydronic heat source for domestic hot water
- High output corrugated glass-lined steel heat exchanger provides maximum corrosion resistance with exceptional heat transfer
- Low pressure drop through the heat exchanger
- 3/4" NPT top heat exchanger inlet/outlet size - all models

Additional Features

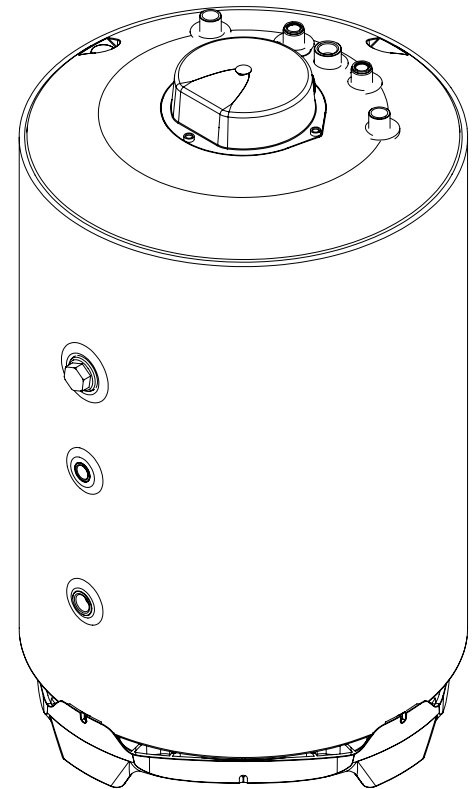
- Standard Limited Residential Use Warranty - Seven (7) years coverage against inner tank leakage from the date of installation / Six (6) year warranty coverage on component parts
- Extended Limited Residential Use Warranty if registered online - Lifetime coverage against inner tank leakage from the date of installation / Six (6) year warranty coverage on component parts
- Standard Limited Commercial Use Warranty - Five (5) years coverage against inner tank leakage from the date of installation / One (1) year warranty coverage on component parts

Components

- Included ASME rated Temperature and Pressure Relief Valve
- Included Brass Drain Valve to drain the water heater
- Included L4080B Aquastat

Certifications and Ratings Efficiency

- ETL Design Certified to meet UL 174 Water Heater Construction Standard
- Lead Free compliant per the Safe Drinking Water Act, Section 1417
- Tested below the maximum allowable standby loss levels of current ASHRAE standards according to ANSI test procedures
- Exceeds energy efficiency codes of all states, including California Energy Commission (CEC)



NOTE: HTP reserves the right to make product changes or updates without notice and will not be held liable for typographical errors in literature.

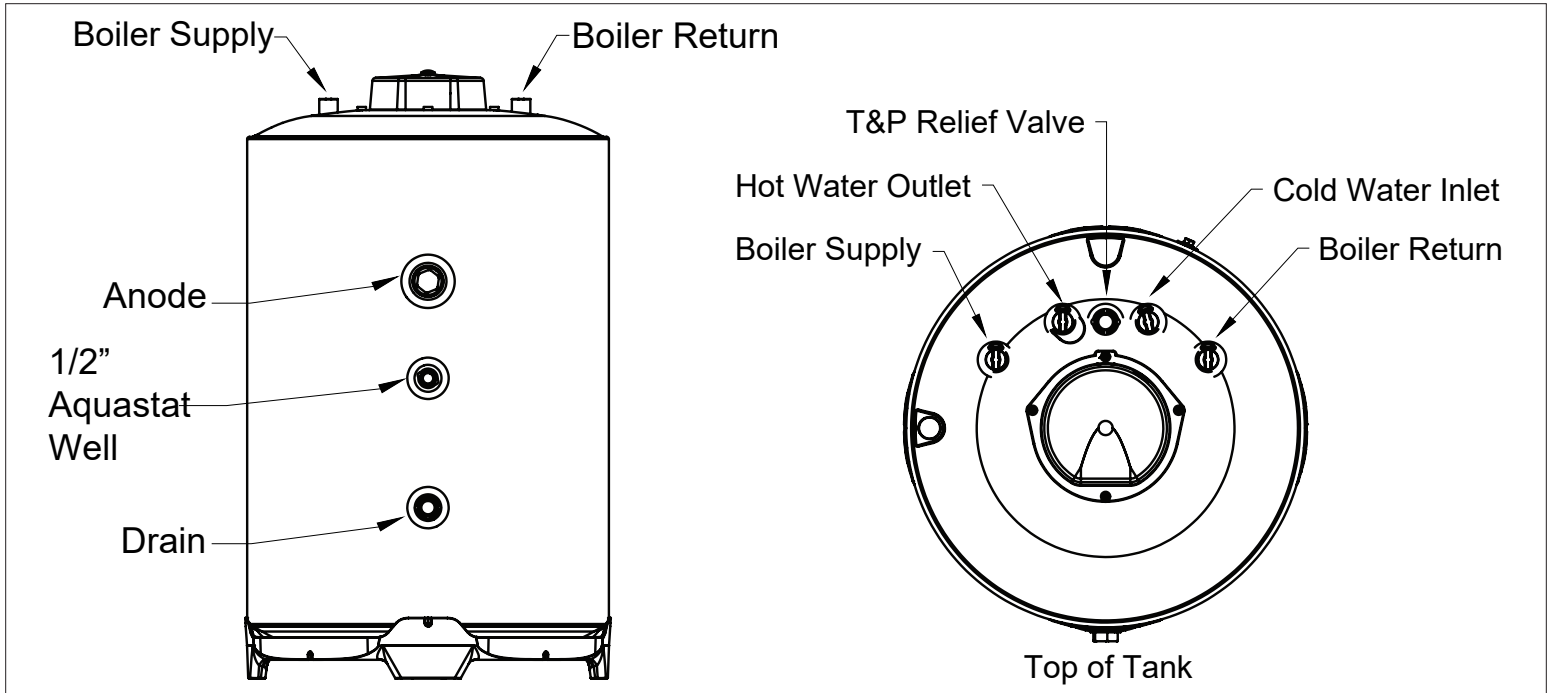


Figure 1 - Connection Diagrams

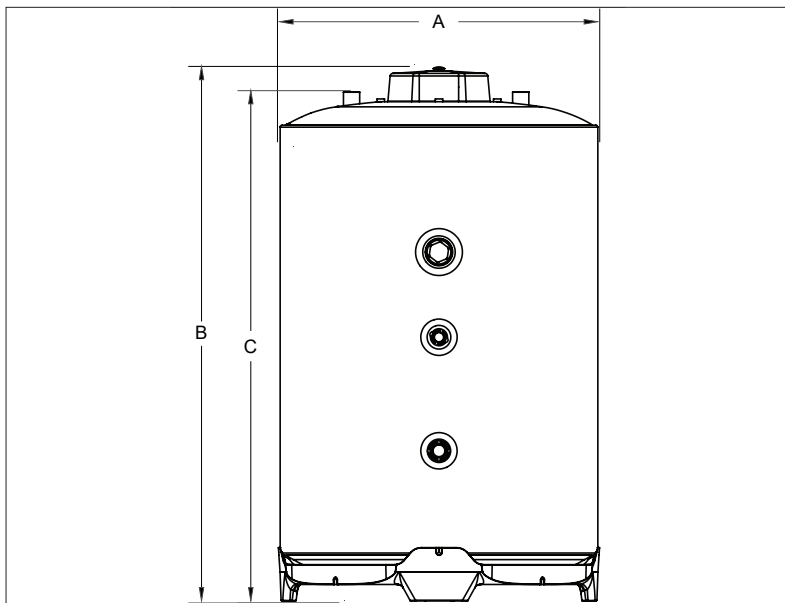


Figure 2 - Dimensions

Model	SSC-20TC	SSC-32TC	SSC-40TC	SSC-50TC
A	22"			
B	28.7"	37"	45.3"	54"
C	27"	35.3"	43.6"	52.25"

Table 1 - Dimensions

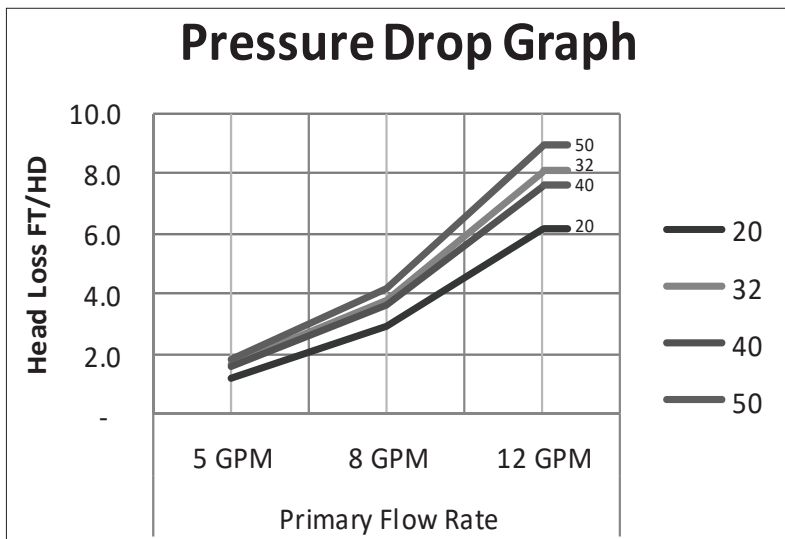


Figure 3 - Pressure Drop Graph

Model	Primary Flow Rate (GPM)			Unit
	5	8	12	
SSC-20TC	1.2	2.9	6.2	ft/hd
SSC-32TC	1.6	3.8	8.0	
SSC-40TC		3.6	7.6	
SSC-50TC	1.8	4.2	8.8	

Table 2 - Pressure Drop Table

Typical Specifications

The indirect fired water heater shall be an HTP model # _____ with a _____ gallon storage capacity, with a recommended boiler input of _____ BTU/hr and a 180°F (82.2°C) boiler input first hour rating of _____ Gallons at 140°F (60°C).

The tank shall be constructed of Titanium glass-lined steel, and have a working pressure of 150 PSI (1,034 kPA) and test pressure of 300 PSI. The water heater shall be design certified by ETL to meet the UL 174 Water Heater Construction Standard, and meet or exceed the standby loss requirements of ASHRAE.

Water heaters shall be supplied with _____" NPT inlet and outlet connections with built-in heat traps and a brass drain valve.

The water heater shall be equipped with a 1/2" aquastat sensor connection for reliable, accurate temperature control. All water heaters will be shipped with an ASME Rated temperature and pressure relief valve.

Residential use water heaters shall be covered by a standard seven (7) year limited warranty against inner tank leakage, or an extended lifetime limited warranty when registered online with HTP. Commercial use water heaters shall be covered by standard five (5) year limited warranty against inner tank leakage. See product warranty for specific coverage details.

The surfaces of these products contacted by consumable water contain less than 0.25% lead by weight, as required by the Safe Drinking Water Act, Section 1417.

Maximum unit dimensions shall be length _____ inches, width _____ inches and height _____ inches. Maximum unit weight shall be _____ pounds.