



Project Name: _____ Date: _____
 Location: _____
 Engineer: _____
 Contractor: _____ Rep: _____

1 – GENERAL SPECIFICATIONS

Product Features:

- ☞ Tank is constructed out of Type 444 stainless steel
- ☞ Coil is constructed out of Type 444 Stainless Steel
- ☞ Tanks are completely pickled, rinsed and passivated inside and outside to remove all surface contaminations, and restore the chromium oxide layer of the stainless-steel surface
- ☞ Fittings are constructed out of Type 316L stainless steel
- ☞ Wetted surfaces are considered lead-free when evaluated in accordance with NSF/ANSI 372
- ☞ Maximum operating pressure 150 psi
- ☞ Insulated with CFC free 2 inch thick Expanded Polystyrene (EPS) Foam
- ☞ 20-gauge sheet metal jacket with high quality clear coat finish
- ☞ Stainless steel well for insertion of Tank Sensor
- ☞ Removable top clean out hatch
- ☞ Recirculation connection

Factory Supplied Items

- ☞ Relief Valve, T&P, 3/4", 150 psi
- ☞ Tank Sensor
- ☞ Mixing Valve

Tank Sensor Features

- ☞ Incorporates a 10K thermistor and a UL353 rated normally closed safety switch
- ☞ Allows the tank temperature to be controlled from the boiler

Indirect Water Heater Specifications

Model	Storage Capacity USG (L)	Type	Weight (lbs)		Hour 1 Recovery ² (Gal @ Outlet Temp)		Boiler Output MBH	Coil Flow Rate (GPM)	Coil Drop (Feet)	Continuous Rate (GPH & Outlet Temp)	
			Empty	Filled ¹	140° F	115° F				140° F	115° F
S20W	21 (80)	Stainless Steel Indirect	85	260	290	445	232	10	4.5	273	428

Notes:

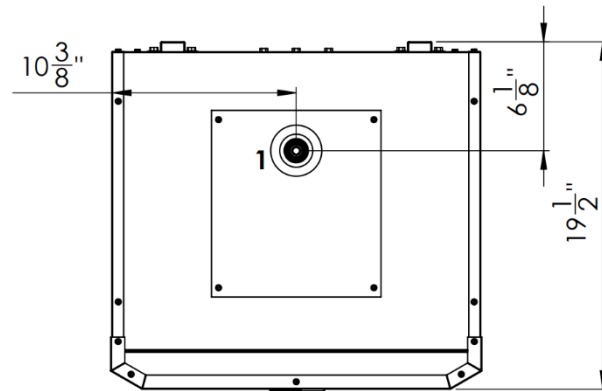
¹ Ensure the location chosen for the S20W tank is capable of supporting the tank when filled with water.

² Hour 1 Recovery based on 50°F inlet water temperature and 200°F boiler supply water temperature.

Recommended Service Clearances [in]	
Top	12
Sides	4

Restrictions	
MAWP	150 psi
Max Tank Temp	190° F
Max Boiler Temp	210° F

2 – PRODUCT DIMENSIONS [IN.]



Connections:

1. Relief Valve (3/4 in. NPT-F)
2. Hot Water Outlet (3/4 in. NPT-M)
3. DHW Recirc. (3/4 in. NPT-M)
4. From Boiler Supply (1 in. NPT-M)
5. To Boiler Return (1 in. NPT-M)
6. Tank Sensor Well (10 mm)
7. Cold Water Inlet/Drain (3/4 in. NPT-M)

