

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:

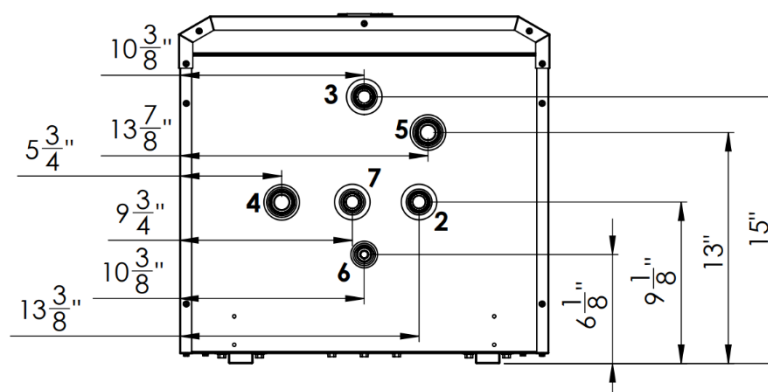
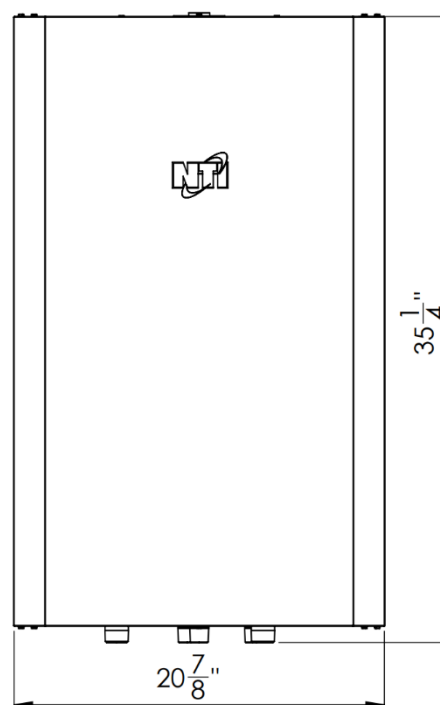
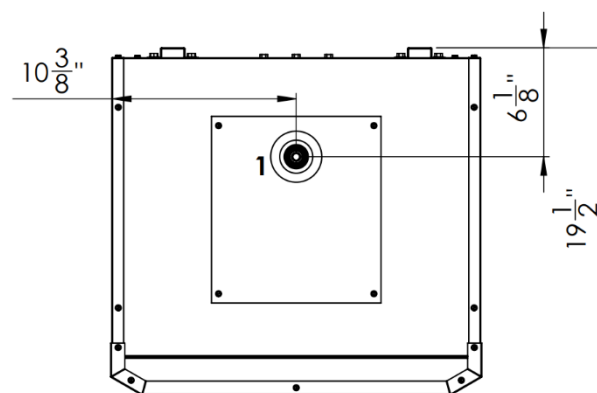
¹ Ensure the location chosen for the S20W tank is capable of supporting the tank when filled with water.

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)

NTI Boilers Inc.

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NTI Boilers Inc. reserves the right to change these specifications without notice

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