



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 316L Stainless Steel
Tanks are 100% pickled and passivated (inside and outside) to regenerate the chromium oxide layer, an extremely important process for corrosion resistance
Fittings are constructed out of Type 316L stainless steel
Maximum operating pressure 150 psi
Insulated with 2 inch thick Expanded Polyurethane Foam (R-value > 9)
Painted metallic outer shell with high quality look and feel
3/4" female NPT temperature and pressure relief valve connection
Stainless steel well for insertion of Tank Sensor or Aquastat
1-1/2" cleanout/inspection ports on top and side
Recirculation connection

Factory Supplied Items

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

Tank Sensor Features

- Incorporates a 10K thermistor and a UL353 rated normally closed safety switch
Connects directly to any NTI gas-fired boiler
Allows the tank temperature to be controlled from the boiler

Indirect Water Heater Specifications

Table with 12 columns: Model, Storage Capacity (USG), Type, Weight (lbs) [Empty, Filled], Hour 1 Recovery (USG @ Outlet Temp) [140°F, 115°F], Boiler Output (MBH), Coil Flow Rate (GPM), Coil Drop (Feet), Continuous Rate (GPH & Outlet Temp) [140°F, 115°F]. Rows include V40, V50, V65, V80, V120.

Notes:

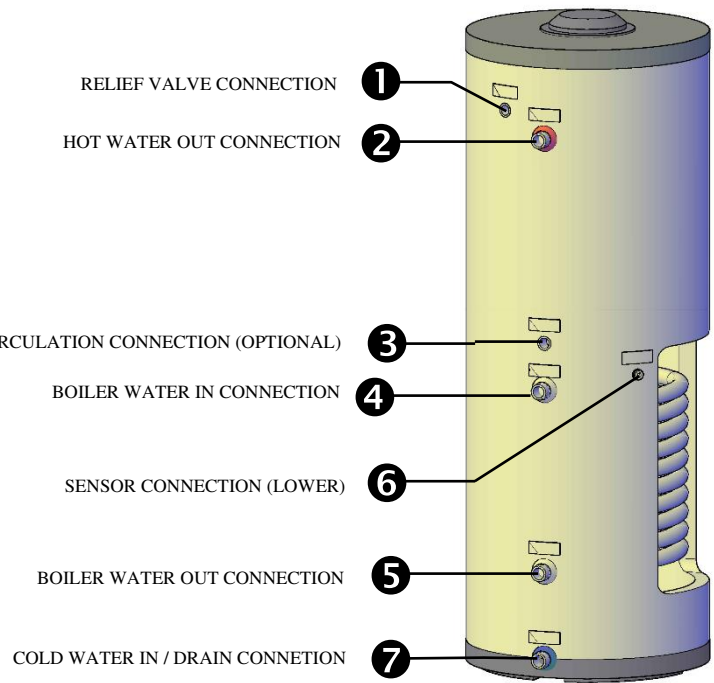
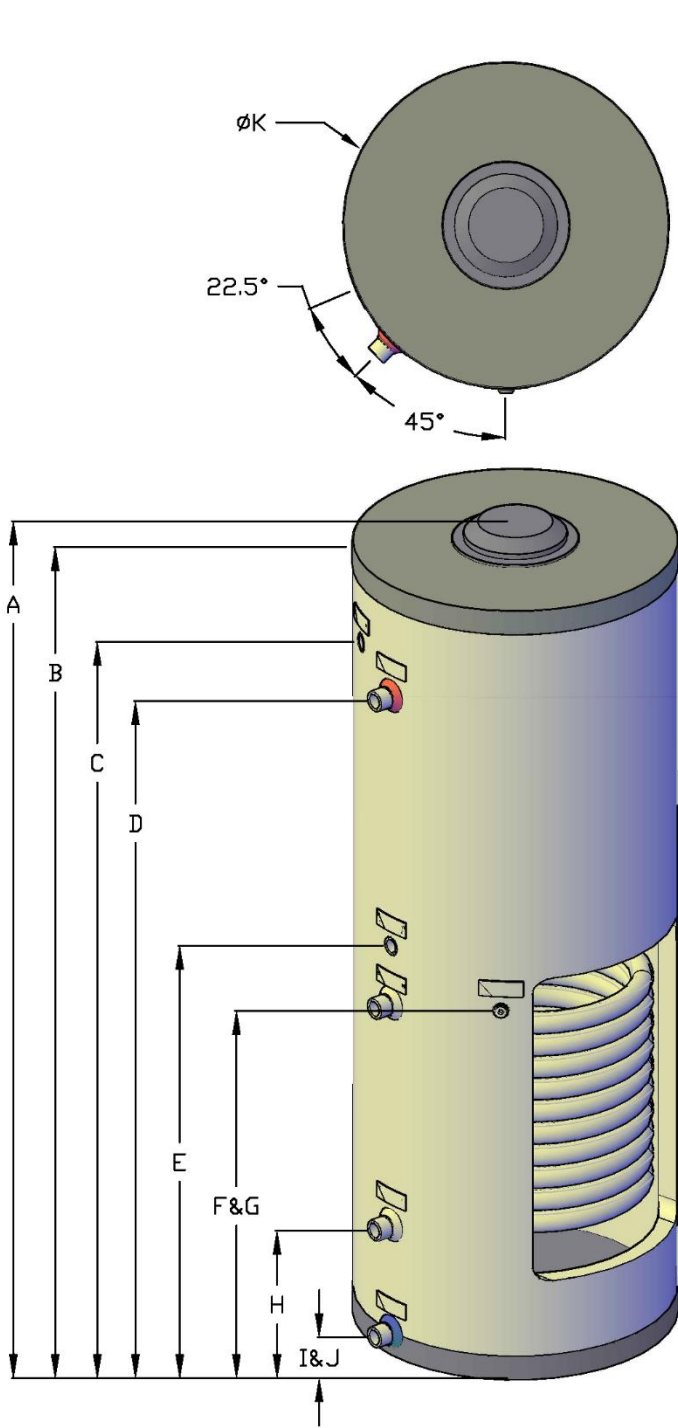
- 1 Ensure the location chosen for installation can support the weight of the tank when filled with water.
2 Ratings based on 50°F inlet water temperature and 200°F boiler water outlet temperature.

Table with 2 columns: Recommended Service Clearances [in], values for Top (12), Connection Side (12), Boiler Connections (As required).

Table with 2 columns: Restrictions, values for MAWP (150 psi), Max Tank Temp (190°F), Max Boiler Temp (210°F).



2 – PRODUCT DIMENSIONS [IN.]



Model	V40	V50	V65	V80	V120	
Dimensions (inches)	A	-	-	-	-	
	B	44.9	56.7	54.3	64.2	69.7
	C	36.4	48.2	45.1	55	59.8
	D	36.4	48.2	45.1	54.6	59.4
	E	28.5	32.5	32.9	37.6	35.4
	F	25.4	29.3	29.8	34.5	32.2
	G	26.4	30.3	30.7	35.5	33.2
	H	8.9	8.9	9.3	9.3	10.2
	I	3.1	3.1	3	3.3	3.4
	J	3.1	3.1	3	3.3	3.4
	K	21.8	21.8	24.5	24.5	28.1
Port Size (NPT)	1	¾" F	¾" F	¾" F	¾" F	¾" F
	2	1" M	1" M	1" M	1 ½" M	1 ½" M
	3	¾" F	¾" F	¾" F	¾" F	¾" F
	4	1" M	1" M	1" M	1" M	1" M
	5	1" M	1" M	1" M	1" M	1" M
	6	Well 10mm x 160mm	Well 10mm x 160mm	Well 10mm x 160mm	Well 10mm x 160mm	Well 10mm x 160mm
	7	1" M	1" M	1" M	1 ½" M	1 ½" M