



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
- ↻ Lead free construction
- ↻ Maximum operating pressure 150 psi
- ↻ Insulated with CFC free 2 inch thick Expanded Polystyrene (EPS) Foam
- ↻ Outer shell is constructed out of durable grey plastic
- ↻ 3/4" female NPT temperature and pressure relief valve connection
- ↻ Stainless steel well for insertion of Tank Sensor or Aquastat

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 a Vmax or Trinity Tft, Tx or Lx boiler
- ↻ 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
S40	40 (150)	Stainless Steel Indirect	71	485	213	319	155	10	1.3	181	287
S50	53 (200)		90	655	251	372	180	10	1.6	211	332
S65	66 (250)		104	672	327	484	234	15	3.5	275	432
S80	79 (300)		115	995	378	559	268	15	4.7	314	495
S120	119 (450)		157	1275	485	711	333	20	9.4	389	615

Notes:

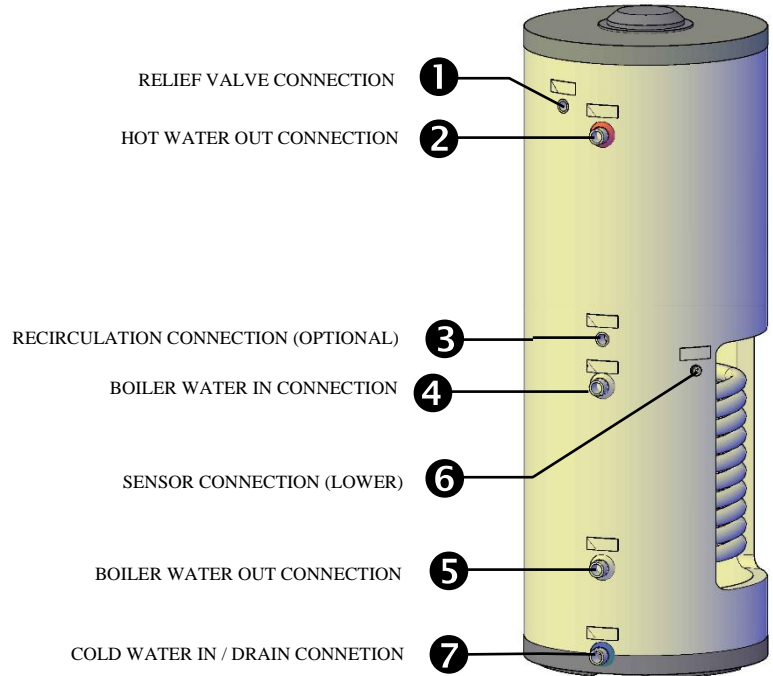
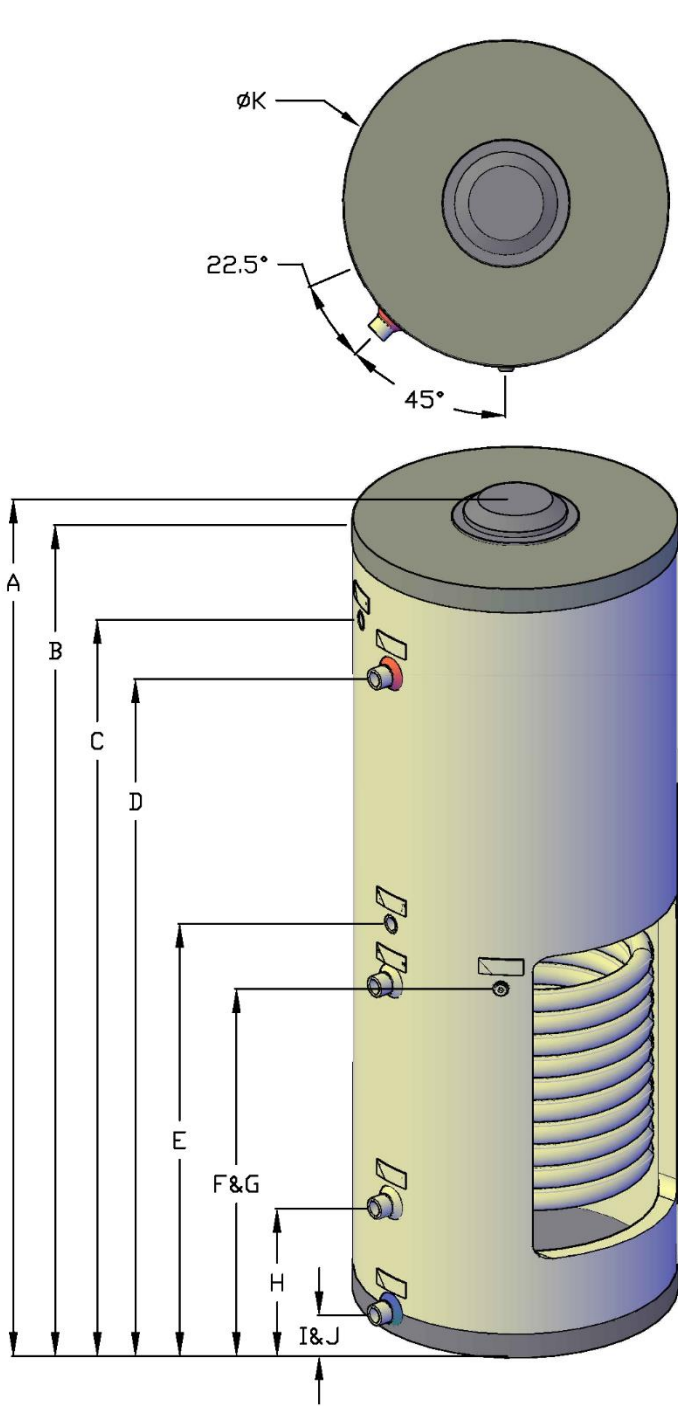
¹ Ensure the location chosen for the tank is capable of supporting the tank when filled with water.

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

Recommended Service Clearances [in]	
Top	12
Connection Side	12
Boiler Connections	As required

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

2 – PRODUCT DIMENSIONS [IN.]



Model	S40	S50	S65	S80	S120	
Dimensions (inches)	A	56	49	70 ⁵ / ₈	70 ¹ / ₄	-
	B	54 ³ / ₄	47 ³ / ₄	69 ¹ / ₄	69	64 ³ / ₄
	C	46 ³ / ₄	39 ³ / ₄	60 ¹ / ₄	60 ⁷ / ₈	53 ⁵ / ₈
	D	46 ³ / ₄	39 ³ / ₈	60 ¹ / ₄	60	53 ¹ / ₄
	E	29 ¹ / ₈	29 ⁵ / ₈	32 ¹ / ₂	35	44 ⁵ / ₈
	F	25 ¹ / ₈	26	27 ¹ / ₈	29 ⁵ / ₈	40 ⁵ / ₈
	G	26 ¹ / ₈	27	28 ¹ / ₈	30 ⁵ / ₈	41 ⁵ / ₈
	H	9 ³ / ₈	9 ⁷ / ₈	10 ¹ / ₄	10 ³ / ₄	12 ¹ / ₄
	I	2 ¹ / ₈	2	2	2 ³ / ₈	2 ³ / ₈
	J	2 ¹ / ₈	2	2	2 ³ / ₈	2 ³ / ₈
	K	20 ¹ / ₈	23 ⁷ / ₈	21 ⁷ / ₈	23 ⁷ / ₈	28 ⁷ / ₈
Port Size (NPT)	1	³ / ₄ " F	³ / ₄ " F	³ / ₄ " F	³ / ₄ " F	³ / ₄ " F
	2	1" M	1" M	1" M	1 ¹ / ₂ " M	1 ¹ / ₂ " M
	3	³ / ₄ " F	³ / ₄ " F	³ / ₄ " F	³ / ₄ " F	³ / ₄ " 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	Well	Well	Well	Well
	7	1" M	1" M	1" M	1 ¹ / ₂ " M	1 ¹ / ₂ " M