



## SuperStor Pro Indirect Water Heater Submittal

**JOB NAME:**

**LOCATION:**

**ARCH./ENGR.:**

**WHOLESALER:**

**MECH. CONTRACTOR:**

**MODEL NUMBER:**

**NOTES:**

### Stainless Steel Tank

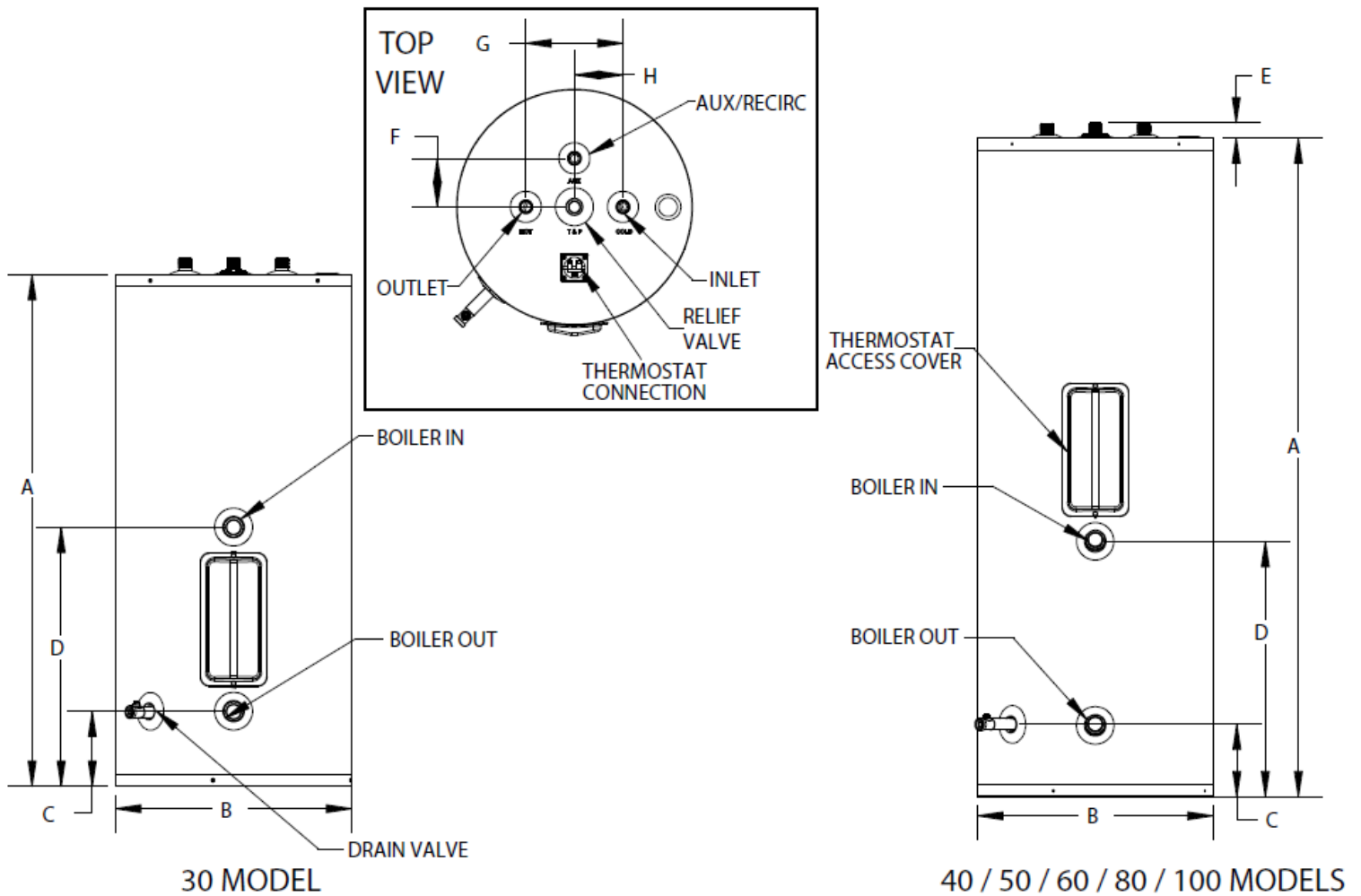
- Tank constructed of type 316L stainless steel for tolerance of high temperatures and superior corrosion resistance
- Insulated with environmentally safe, CFC free, water-blown, extra thick foam insulation
- Allows less than ½ degree Fahrenheit per hour heat loss
- Outer jacket offers attractive stainless steel appearance
- Stainless steel inlet, outlet, and auxiliary domestic connections for all models – top tapings
- Auxiliary Port for recirculation line provides additional efficiency
- Temperature and pressure relief valve port
- Highly accurate surface mount temperature control with adjustable dial

### High Efficiency Heat Exchanger

- High output corrugated stainless steel heat exchanger provides maximum corrosion resistance and exceptional heat transfer with very low pressure drop
- Gasketless heat exchanger design
- Low pressure drop through the heat exchanger
- 1” NPT heat exchanger inlet/outlet size – all models

### Additional Features

- Limited warranty – 10 years residential and 5 years commercial coverage
- Excellent construction: Each unit ETL Listed to UL 174 Water Heater Construction Standard
- Supplied with a Full Port Drain Valve to ease draining of the water heater
- Quick Connect control wiring located on the top of the water heater for easy installation
- Lead Free Compliant, as required by the Safe Drinking Water Act, Section 1417



30 MODEL

40 / 50 / 60 / 80 / 100 MODELS

INDIRECT WATER HEATER										
MODEL	A	B	C	D	E	F	G	H	CAPACITY U.S. GAL.	DOMESTIC CONNECTION
30	42-1/8"	19-3/8"	5-7/8"	21"	1-3/8"	4"	8"	4"	28 GAL	3/4" NPTM
40	54-1/4"								38 GAL	
50	66-5/8"								48 GAL	
60	52-5/8"	23-1/2"	8-1/8"	20-1/4"					58 GAL	1" NPTM
80	69"								78 GAL	
100	60-7/8"	27-1/2"							98 GAL	1-1/2 NPTM

MODEL	HEAT EXCHANGER SURFACE	TEST PRESSURE	WORKING PRESSURE	180° BOILER WATER FIRST HOUR RATINGS (GAL) *	180 °F BOILER BTU/SIZE	RECOMMENDED FLOW RATE	PRESSURE DROP AT RECOMMENDED FLOW	DRY WEIGHT
				140 °F				
30	15 SQ. FT.	300 PSI	150 PSI	228	130,000	8 GPM	1.7 FT	95 LBS
40				266	155,000	10 GPM	2.3 FT	111 LBS
50				287	155,000	10 GPM	2.3 FT	127 LBS
60				303	155,000	10 GPM	2.3 FT	140 LBS
80				347	175,000	12 GPM	2.3 FT	157.5 LBS
100	18 SQ. FT.			393	195,000	14 GPM	2.3 FT	195 LBS

\*DOE TEST METHOD BASED ON 77°F TEMPERATURE RISE, 58°/ 135° W/BOILER WATER AT 180° F

NOTE: TANK RECOVERY FROM COLD START WILL BE BETWEEN 10-13 MINUTES WHEN SIZED WITH CORRECT FLOW RATE, BOILER SIZE AND PRESSURE DROP RATINGS FROM LIST IN ABOVE CHART.

CONTINUOUS FLOW RATING CALCULATION:  
 FIRST HOUR RATING - (.75 \* GALLON CAPACITY) = CONTINUOUS FLOW RATING

LP-451-E  
03/29/17

**CONTINUOUS FLOW PERFORMANCE CALCULATION**

**FIRST HOUR RATING - (.75 X TANK CAPACITY) = CONTINUOUS FLOW**

**EXAMPLE: SSP-40 = 257 - (.75 X 40) = 227**