



SuperStor Pro Indirect Water Heater Submittal

JOB NAME:

LOCATION:

ARCH./ENGR.:

WHOLESALER:

MECH. CONTRACTOR:

MODEL NUMBER:

NOTES:

Stainless Steel Tank

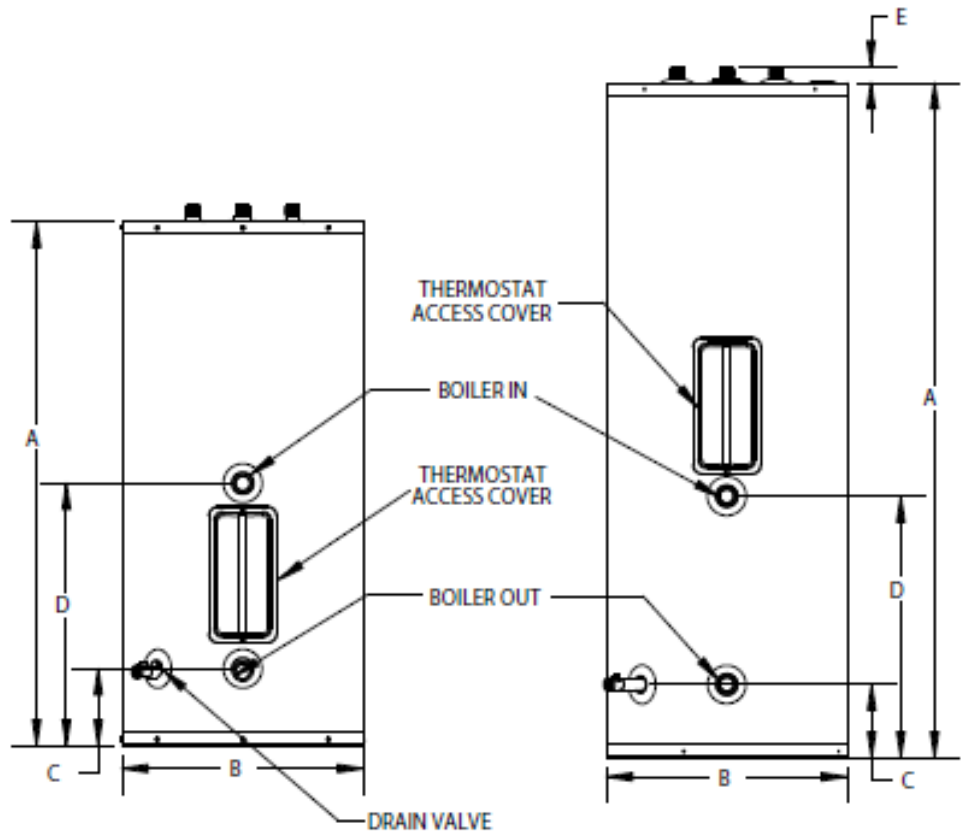
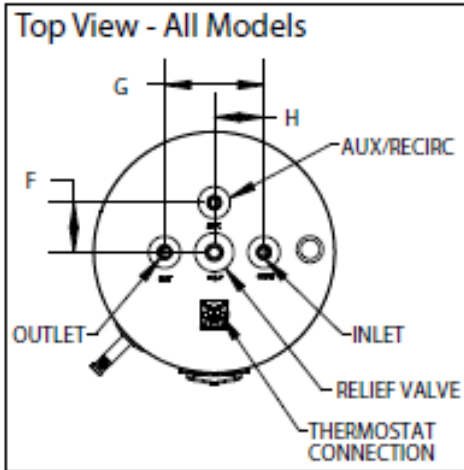
- Tank constructed of type 316L stainless steel for tolerance of high temperatures and superior corrosion resistance
- Insulated with environmentally safe, CFC free, water-blown, extra thick foam insulation
- Allows less than ½ degree Fahrenheit per hour heat loss
- Outer jacket offers attractive stainless 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 Gallon Model

40/50/60/80/100 Gallon Models

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"	23-1/2"	8-1/8"	20-1/4"					48 GAL.	1" NPTM
60	52-5/8"								58 GAL.	
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	266	155,000	8 GPM	1.7 FT	95 LBS
40				275				
50				278				
60				308				
80	18 SQ. FT.			384	200,000	12 GPM	1.8 FT	177 LBS.
100				398				

*DOE TEST METHOD BASED ON 90° F TEMPERATURE RISE, 50° /140° 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
08/15/18

CONTINUOUS FLOW PERFORMANCE CALCULATION

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

EXAMPLE: SSP-40 = 266 - (.75 X 40) = 236