



Advanced Heating  
and Hot Water Systems



**SUPERstor**  
**ULTRA** Stainless Steel

# Stainless Steel Storage Tanks

The Most Efficient Way To Store Hot Water



MODEL	Dimensions		Floor to Drain	Floor to Inlet	Floor to Outlet	Weight (LBS)	Water Connection Sizes
	Height	Diameter					
SSU-30CB	39.5"	19.25"	4.5"	4.5"	33.75"	40	.75" NPT
SSU-45CB	52.5"	19.25"	4.5"	4.5"	45.75"	64	.75" NPT
SSU-60CB	52.5"	23.25"	4.5"	4.5"	45.75"	90	1" NPT
SSU-80CB	72"	23.25"	6"	16"	64.75"	129	1.5" NPT
SSU-119CB	73.5"	27"	7.25"	17.25"	66"	178	1.5" NPT

Low standby heat loss  
 316L stainless steel tank resists corrosion and eliminates the need for anode rods  
 Limited 10 Year Warranty on SSU Storage Tanks

# Residential Double Wall Indirect

Provides additional protection against cross contamination



MODEL	180 DEG F BOILER WATER FIRST HOUR RATING		CIRCULATOR GPM	PRESSURE DROP (FEET)
	140 DEG F	115 DEG F		
SSU-45DW	110 GPH	152 GPH	6	8.2
SSU-60DW	126 GPH	174 GPH	7	12.8
SSU-80DW	160 GPH	221 GPH	10	13.6
SSU-119DW	296 GPH	414 GPH	12	15.9

# Residential Indirect

The SuperStor Ultra has been Recognized as the Market Leader for Over 25 Years.

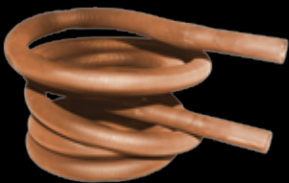


## HTP Stands By This Product

- 7 Model Sizes Available
- High Output Heat Exchanger
- May Be Eligible for Utility Rebates
- Made in America
- Industry Best: Limited Lifetime Warranty on SSU Indirect Tanks

We Take Pride In Our Products and Services!

## HTP's Specially Designed Finned Cupronickel Heat Exchanger



This heat exchanger provides a higher BTU output per foot than any other heat exchanger in the market.

MODEL	180 DEG F BOILER WATER FIRST HOUR RATING		CIRCULATOR GPM	PRESSURE DROP (FEET)
	140 DEG F	115 DEG F		
SSU-20	121 GPH	168 GPH	8	6.0
SSU-30	154 GPH	212 GPH	8	6.0
SSU-30LB	169 GPH	234 GPH	8	6.0
SSU-45	212 GPH	292 GPH	10	7.9
SSU-60	266 GPH	370 GPH	10	7.9
SSU-80	330 GPH	440 GPH	12	9.1
SSU-119	423 GPH	564 GPH	14	11.3

# A Closer Look At HTP's SuperStor Ultra



## Highly Efficient

Stainless Steel Hot Water Outlet

Attractive silver finish cover that resists dents and corrosion

High Output Finned Cupronickel Heat Exchanger Provides Maximum Efficiency  
11 Fins per inch

Stainless Steel Cold Water Inlet

316L Stainless Steel Tank for High Temperatures and Superior Corrosion Resistance

Environmentally Safe, CFC Free Water Blown, 2" Thick Foam Insulation allows less than 1/2 Degree F heat loss per hour

Immersion Type Stainless Steel Control Well

1" Boiler Supply Connection

1" Boiler Return Connection



4 Versions Available:

*Residential  
Residential Double Wall  
Commercial  
Storage Tanks*

4 Designs to Choose From:

*Single Coil Indirect  
Dual Coil for Solar Backup  
Solar w/ Electric Backup  
Storage Tank w/o Coil*

# Commercial Indirect

The commercial SuperStor Ultra consists of two heat exchangers to accommodate high volume needs.

## HTP Stands By This Product

4 Models Sizes Available  
Ultra High Output Heat Exchanger  
Made in America  
7 Year Limited Warranty on SSU  
Commercial Indirect Water Heaters

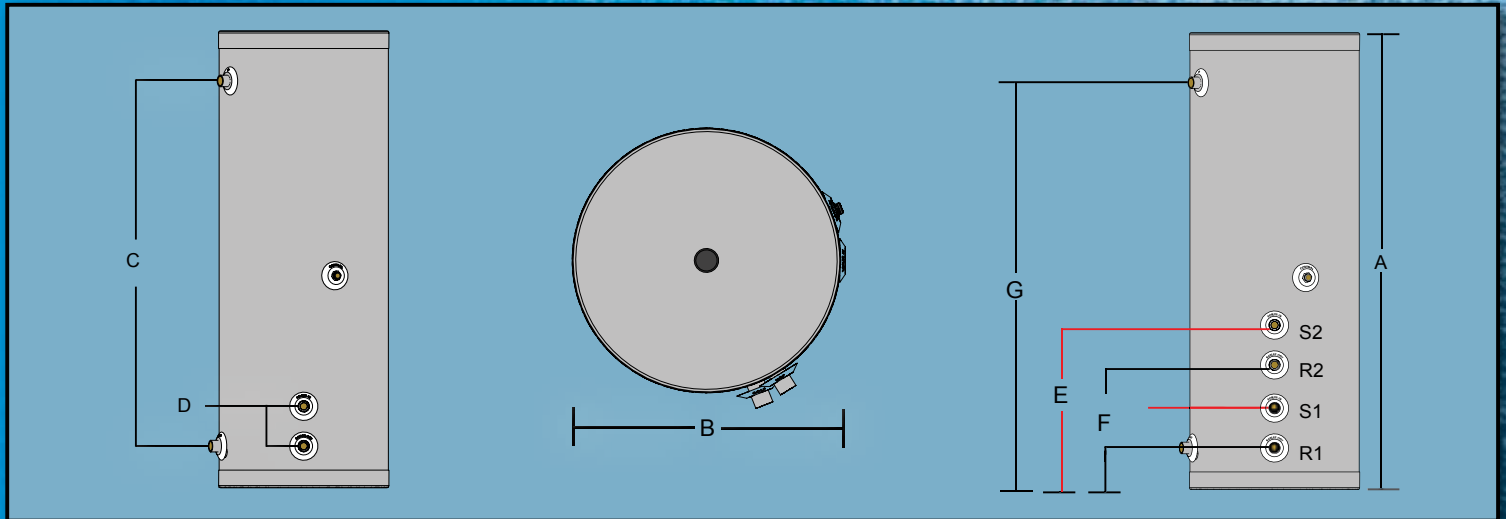
Quality Backed by a Great Reputation!



MODEL	180 DEG F BOILER WATER FIRST HOUR RATING		CIRCULATOR GPM	PRESSURE DROP (FEET)
	140 DEG F	115 DEG F		
SSU-45C	314 GPH	414 GPH	20	6.8
SSU-60C	354 GPH	467 GPH	22	9.2
SSU-80C	490 GPH	647 GPH	24	10.0
SSU-119C	637 GPH	841 GPH	28	12.7

# SuperStor Ultra

## Dimensions and Specifications



Model	A	B	C	D	E		F		G	Capacity	Heat Exchanger Surface	Shipping Weight
	Dimensions Ht	Diameter	Domestic Connections	Boiler Connections	Floor to Boiler Supply		Floor to Boiler Return		Floor to Domestic Out			
SSU-20	27"	19 1/4"	3/4"	1" NPT	S1- 9"		R1- 4 1/2"		22"	20	15 SQ FT	60 LBS
SSU-30	39 1/2"	19 1/4"	3/4"	1" NPT	S1- 9"		R1- 4 1/2"		34"	30	15 SQ FT	72 LBS
SSU-30LB	28 1/2"	23 1/4"	3/4"	1" NPT	S1- 9"		R1- 4 1/2"		22"	30	15 SQ FT	79 LBS
SSU-45**	52 1/2"	19 1/4"	3/4"	1" NPT	S1- 9"		R1- 4 1/2"		46"	45	20 SQ FT	88 LBS
SSU-60**	52 1/2"	23 1/4"	1"	1" NPT	S1- 9"		R1- 4 1/2"		46"	60	20 SQ FT	110 LBS
SSU-80**	72"	23 1/4"	1 1/2"	1" NPT	S1- 29"		R1- 6"		64 3/4"	80	34 SQ FT	141 LBS
SSU-119**	73 1/4"	27"	1 1/2"	1" NPT	S1- 30 1/4"		R1- 7 1/4"		66"	119	34 SQ FT	210 LBS
SSU-45C	42	23 1/4"	1 3/4"	1" NPT	S1- 6 1/2"	S2- 15 1/2"	R1- 2"	R2- 11"	32"	45	40 SQ FT	99 LBS
SSU-60C	52 1/2"	23 1/4"	1"	1" NPT	S1- 6 1/2"	S2- 15 1/2"	R1- 2"	R2- 11"	43 1/4"	60	40 SQ FT	115 LBS
SSU-80C	72"	23 1/4"	1 1/2"	1" NPT	S2- 25 5/8"		R2- 2 5/8"		61 3/8"	80	68 SQ FT	141 LBS
SSU-119C	74"	27"	1 1/2"	1" NPT	S2- 25 5/8"		R2- 2 5/8"		61 3/8"	119	68 SQ FT	210 LBS

\*DOE test method based on 90°F. Temperature rise, 50°/140° w/boiler water at 180°/200°F

\*\* Residential Double Wall Indirect available. Stainless steel tank w/ high efficiency cupronickel double wall heat exchanger.

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 INSTALLATION INSTRUCTIONS. THE MASS OF THE BOILER WILL AFFECT RECOVERY TIME, MORE BOILER MASS EQUALS LONGER RECOVERY TIME.



#### STANDARD FEATURES

- 316L Stainless Steel
- Finned 90/10 Cupronickel Heat Exchanger
- Aquastat Control

#### OPTIONAL EQUIPMENT

- Stainless Steel Aquastat Well
- Thermostatic Mixing Valve
- Bronze Pump