



Advanced Heating  
& Hot Water Systems

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

Stainless Steel  
Indirect &  
Storage Tanks



W W W . H T P P R O D U C T S . C O M



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

## The Buffer Tank

adds water volume to the heating system, smoothing out disturbances like short cycling, this will protect your heating system and make it more efficient



### DOUBLE WALL

Provides additional protection against cross contamination



### DOUBLE WALL

MODEL	180 DEG F BOILER WATER FIRST HOUR RATING		CIRCULATOR GPM	PRESSURE DROP (FEET)
	140 DEG F	115 DEG F		
SSU-45DW	70 GPH	108 GPH	6	8.2
SSU-60DW	90 GPH	144 GPH	7	12.8
SSU-80DW	138 GPH	215 GPH	10	13.6
SSU-119DW	210 GPH	326 GPH	12	15.9



## Residential Indirect Double & Single Wall

7 Sizes Available (Single Wall)  
4 Sizes Available (Double Wall)  
High Output Heat Exchanger  
May Be Eligible for Utility Rebates  
Lightweight  
Industry Best: Limited Lifetime  
Warranty on SSU Indirect Tanks

**Industry Best Warranty**

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*

## HTP's Specially Designed Finned Cupronickel Heat Exchanger



### SINGLE WALL

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

### SINGLE WALL

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



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

## Storage Tanks

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

SSU-119C



## Commercial Indirects

4 Sizes Available

Ultra High Output Heat Exchanger

Lightweight

7 Year Limited Warranty on SSU  
Commercial Indirect Water Heaters

The Commercial SuperStor  
Ultra Consists of Two Heat  
Exchangers to Accommodate  
High Volume Needs



**No Anode Rods Needed!**  
**All HTP Stainless Steel Tanks**  
**are Laser Welded for**  
**a more Precise Welding**

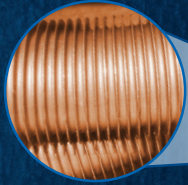
MODEL	180 DEG F BOILER WATER FIRST HOUR RATING		CIRCULATOR GPM	PRESSURE DROP (FEET)
	140 DEG F	115 DEG F		
SSU-45C	314 GPH	414 GPH	20	6.8
SSU-60C	354 GPH	467 GPH	22	9.2
SSU-80C	490 GPH	647 GPH	24	10.0
SSU-119C	637 GPH	841 GPH	28	12.7



Stainless Steel Internal Bent Hot Water Outlet Tube – Extracts 5 – 7% more hot water off the top of the tank dome

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 & 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



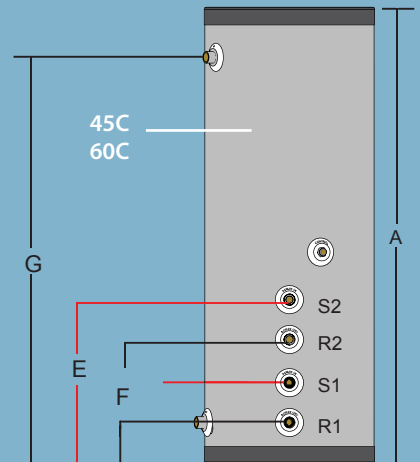
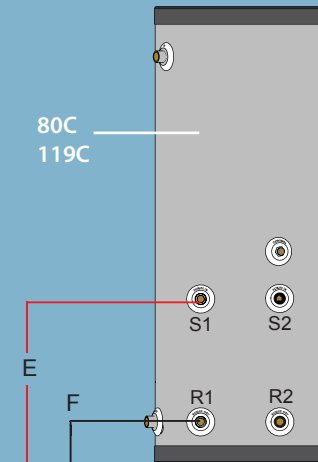
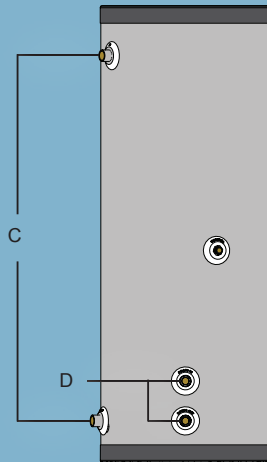
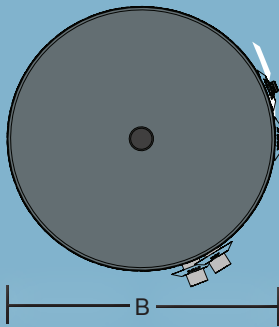
#### OPTIONAL EQUIPMENT

- Aquastat Control
- Thermostatic Mixing Valve
- Bronze Pump

#### STANDARD FEATURES

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

## Dimensions & Specifications



	A	B	C	D	E	F	G			
Model	Dimensions Ht	Diameter	Domestic Connections	Boiler Connections	Floor to Boiler Supply	Floor to Boiler Return	Floor to Domestic Out	Capacity	Heat Exchanger Surface	Shipping Weight
SSU-20	27"	19 1/4"	3/4"	1" NPT	S1- 9 3/4"	R1- 5 1/4"	22"	20	15 SQ FT	51 LBS
SSU-30	39 1/2"	19 1/4"	3/4"	1" NPT	S1- 9 3/4"	R1- 5 1/4"	34"	30	15 SQ FT	62 LBS
SSU-30LB	28 1/2"	23 1/4"	3/4"	1" NPT	S1- 9 3/4"	R1- 5 1/4"	22"	30	15 SQ FT	71 LBS
SSU-45	52 1/2"	19 1/4"	3/4"	1" NPT	S1- 9 3/4"	R1- 5 1/4"	46"	45	20 SQ FT	72 LBS
SSU-60	52 1/2"	23 1/4"	1"	1" NPT	S1- 9 3/4"	R1- 5 1/4"	46"	60	20 SQ FT	109 LBS
SSU-80	72"	23 1/4"	1 1/2"	1" NPT	S1- 29"	R1- 6"	64 3/4"	80	34 SQ FT	143 LBS
SSU-119	74"	27"	1 1/2"	1" NPT	S1- 30 1/4"	R1- 7 1/4"	66"	119	34 SQ FT	212 LBS
SSU-45C	42	23 1/4"	3/4"	1" NPT	S1- 9 3/4" S2- 18 3/4"	R1- 5 1/4" R2- 14"	35"	45	40 SQ FT	106 LBS
SSU-60C	52 1/2"	23 1/4"	1"	1" NPT	S1- 9 3/4" S2- 18 3/4"	R1- 5 1/4" R2- 14"	46"	60	40 SQ FT	126 LBS
SSU-80C	72"	23 1/4"	1 1/2"	1" NPT	S1- 29" S2- 29"	R1- 6" R2- 6"	64 3/4"	80	68 SQ FT	175 LBS
SSU-119C	74"	27"	1 1/2"	1" NPT	S1- 30 1/4" S2- 30 1/4"	R1- 7 1/4" R2- 7 1/4"	66"	119	68 SQ FT	242 LBS