



SUPERstor
ULTRA Stainless Steel

Advanced Heating
& Hot Water Systems

Stainless Steel
Indirect &
Storage Tanks



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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

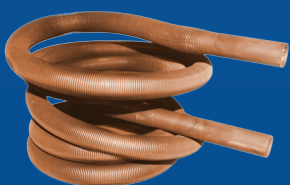
4 Versions Available:

- 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

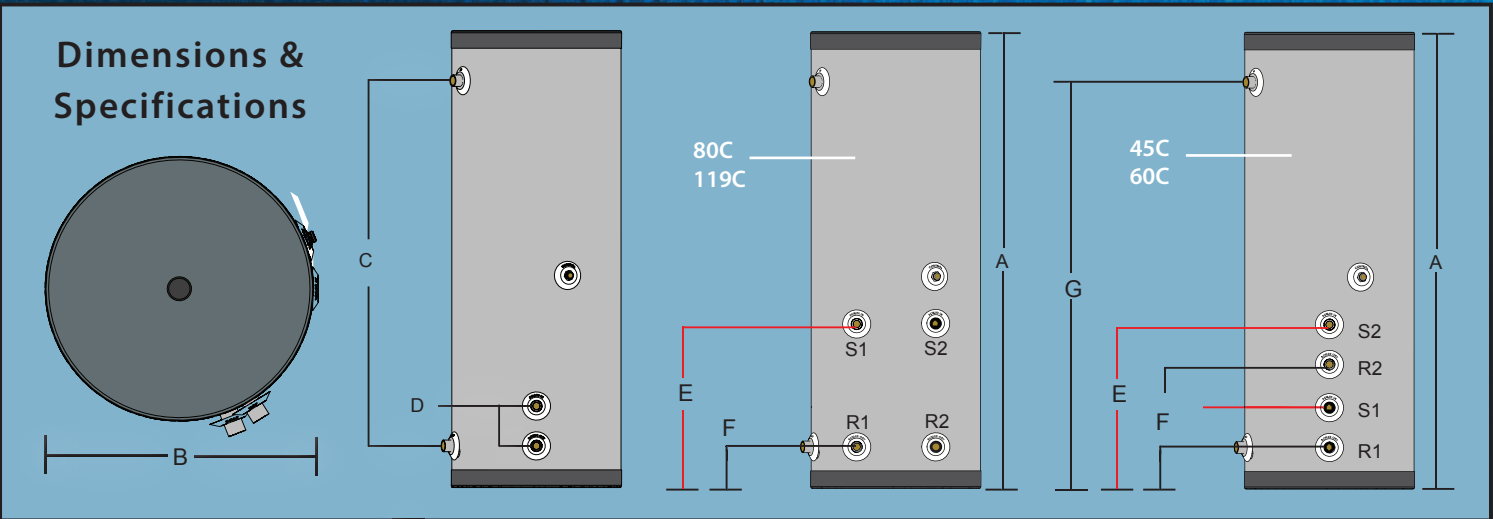
1" Boiler Supply Connection

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



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 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