

INTRODUCING THE NEW

SUPERstor[®] ULTRA



Introducing the new enhanced design Super Stor Ultra Stainless Steel Indirect Fired Water Heater providing more hot water with a lifetime protection plan against leaks!

Heat Transfer Products, manufacturer of the Super Stor Indirect Fired Water Heater for over 25 years, is proud to introduce the New **Super Stor Ultra**.

Our years of experience in manufacturing and designing Indirect systems have culminated in the development of the Super Stor Ultra. The Ultra's enhanced features and attractive design will provide you with the most advanced appliance available. The Ultra High Output Exchanger is engineered to accept a higher volume of heated boiler water with minimal pressure drop, which increases the Ultra's capability to produce large amounts of hot water.

The Ultra's superior 316L Stainless Steel quality construction and competitive price are truly a great value! With 7 models available the Ultra can be applied to almost any job.

Features

- ▶ **Attractive Quality Silver finish**
Durable plastic jacket for rustproof finish even in moist environments.
- ▶ **Constructed of type 316L stainless steel**
with tolerances for high temperatures of operation. Superior corrosion resistance.
- ▶ **New Extra Large High Output Cupronickel Heat Exchanger**
for 20% increased performance. Maximum heat transfer efficiency with more surface area, delivering larger amounts of hot water. Supplies 3-5 times more recovery compared to conventional heaters.
- ▶ **Environmentally Safe, CFC-free water-blown foam insulation**
2 inches thick; allows less than 1/2 degree F per hour heat loss; the best in the industry.
- ▶ **Lifetime Warranty Protection Plan**
 - ▶ **Easy to install and maintain**
 - ▶ **Immersion type control** provides fast response.
 - ▶ **Installation versatility** with either zone valve or circulated pump.
 - ▶ **Full line of 7 different models and sizes** to meet all your hot water demands.
 - ▶ **Very efficient** Reduces fuel cost when operated with high efficiency boiler.
- ▶ **New outlet extractor tube**
delivers 5-7% more hot water



How the Super Stor Ultra Works:

The SuperStor Ultra is true advancement in hot water generation. By tying the Ultra into your existing or new boiler as a separate zone with a circulator or zone valve, it will start the boiler only when the Ultra requires hot water and transfers heated energy through the high output exchanger to produce larger amounts of hot water.

Energy Efficient operation

The Super Stor Ultra's 2" to 3" thick insulation quality, connected to a modern boiler system will reduce your operating cost to produce hot water. With today's increasing fuel costs the Ultra will provide the homeowner fast pay back over conventional methods of heating hot water!

Limited Lifetime Protection Plan

Super Stor Ultra's Limited Lifetime Protection Plan will give homeowners the peace of mind that their water heater is covered by the industry's strongest warranty.

Maintenance-Free Operation

Super Stor Ultra does not need expensive maintenance check-ups. Its simple design requires virtually no maintenance, saving money on costly service calls.

Ultra High Output Heat Exchanger

Our Engineering Department has developed the Ultra High Output Heat Exchanger adaptable to new or older boiler systems. The heat exchanger's increased internal size and external surface area gives the Ultra greater recovery performance. This way the Super Stor Ultra has two or more times the recovery rate of gas fired water heaters, and supplies as much as five times the amount of hot water as a comparably sized electric water heater.

Attractive Design

The Super Stor Ultra's attractive appearance will assure each customer that they have installed a superior water heater. The Ultra's silver color will match any old or new boiler color adding to the system's overall appearance.

ULTRA Residential Series Specifications and Performance Ratings

Model	Dimensions		Inlet/Outlet	Capacity	Heat Exch. Surface	180° F Boiler Water First Hour Ratings*		200° F Boiler Water First Hour Ratings*	
	Ht.	Dia.				140° F	115° F	140° F	115° F
SSU-20	27"	19 1/4"	3/4"	20	15 sq ft	121 gal	168 gal	136 gal	185 gal
SSU-30	39 1/2"	19 1/4"	3/4"	30	15 sq ft	154 gal	212 gal	172 gal	234 gal
SSU-30LB	28 1/2"	23 1/4"	3/4"	30	15 sq ft	169 gal	234 gal	189 gal	257 gal
SSU-45	52 1/2"	19 1/4"	3/4"	45	20 sq ft	212 gal	292 gal	237 gal	322 gal
SSU-60	52 1/2"	23 1/4"	1"	60	20 sq ft	266 gal	370 gal	298 gal	405 gal
SSU-80	72"	23 1/4"	1 1/2"	80	34 sq ft	330 gal	440 gal	370 gal	503 gal
SSU-119	73 1/2"	27"	1 1/2"	119	34 sq ft	423 gal	564 gal	474 gal	645 gal

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

Tank Size	Floor to Boiler Supply	Floor to Boiler Return	Floor to Domestic Out	Domestic Connections	Boiler Connections	Test Pressure	Working Pressure	Shipping Weight	180° F Boiler BTU/Size	200° F Boiler BTU/Size
SSU-20	9"	4 1/2"	21 3/4"	3/4 NPT male	1" NPT	300 psi	150 psi	57 lbs	84,000	87,000
SSU-30	9"	4 1/2"	33 3/4"	3/4 NPT male	1" NPT	300 psi	150 psi	71 lbs	102,000	117,000
SSU-30LB	9"	4 1/2"	21 3/4"	3/4 NPT male	1" NPT	300 psi	150 psi	76 lbs	114,000	131,000
SSU-45	9"	4 1/2"	45 3/4"	3/4 NPT male	1" NPT	300 psi	150 psi	84 lbs	141,000	161,000
SSU-60	9"	4 1/2"	45 3/4"	1" NPT male	1" NPT	300 psi	150 psi	106 lbs	174,000	198,000
SSU-80	29"	6"	64 3/4"	1 1/2" NPT male	1" NPT	300 psi	150 psi	141 lbs	212,000	241,000
SSU-119	30 1/4"	7 1/4"	66"	1 1/2" NPT male	1" NPT	300 psi	150 psi	210 lbs	269,000	301,000

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 EFFECT RECOVERY TIME, MORE BOILER MASS EQUALS LONGER RECOVERY TIME.