



Advanced Heating & Hot Water Systems

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SUPERstor[®] ULTRA[®] MAX

Multi-Source Indirect Water Heater with Electric Back-Up
Solar • Heat Pump • Geothermal

The *Superstor Ultra Max Multi-Source Indirect Water Heater* is the culmination of New England manufacturing tradition and the finest in global R&D. Designed to primarily use heat transferred from a solar, heat pump, or geothermal water heating system to provide hot water, the *Superstor Ultra Max Multi-Source* also has an efficient 4500W titanium electric element for back-up hot water heating.

Design

- All tanks and coils feature high quality 316L Stainless Steel construction to reduce corrosion and extend tank life
- Highly accurate surface mount thermostat provides timely activation of the electric element and eliminates additional aquastat well welds which fail over the product lifetime
- Top domestic cold inlet and domestic hot outlet connections ease installation
- Inlet and outlet connections have built-in heat traps to keep heat in the tank for greater efficiency
- The cold inlet dip tube prevents mixing and draws only the hottest water from the top of the tank
- 2+ inch thick Super Foam insulation allows less than 1/2°F heat loss per hour
- Models available in 80 and 115 gallon sizes for residential and commercial use
- Virtually maintenance free

Super Flex Heat Exchanger

- Lightweight, corrugated stainless steel heat exchanger allows the coil to flex, minimizing scale buildup and prolonging tank life
- Higher heat transfer - Up to 50% more energy than smooth coil heat exchangers
- Ultra efficient heat exchanger even transfers low temperature energy into the tank - extracting the majority of energy produced by solar panels
- Extremely low pressure drop

Low Energy Costs

- Alternative source water heating systems can help lower your water heating bills by 50 - 70%
- Utility rebates and state incentives

SE Series Water Heater

- High Quality 4500W / 240V Back-Up Titanium Electric Element
- Immersed elements allow maximum recovery efficiency and direct, 98% efficient heat transfer
- Stainless steel clip with nut for surface sensor mounting and accurate multi-source control

Installed Components

- T&P Relief Valve
- Drain Valve
- Surface Mount Control

Trusted Quality Backed by a Strong Limited Warranty*

- Standard Residential Use - Ten (10) Years
- Extended Residential Use - Lifetime (with Online Registration)
- Commercial Use - Five (5) Years

*Refers to tank coverage against leaks. See product warranty for full details.



Model Numbers:
MSSU-80NSE
MSSU-115NSE

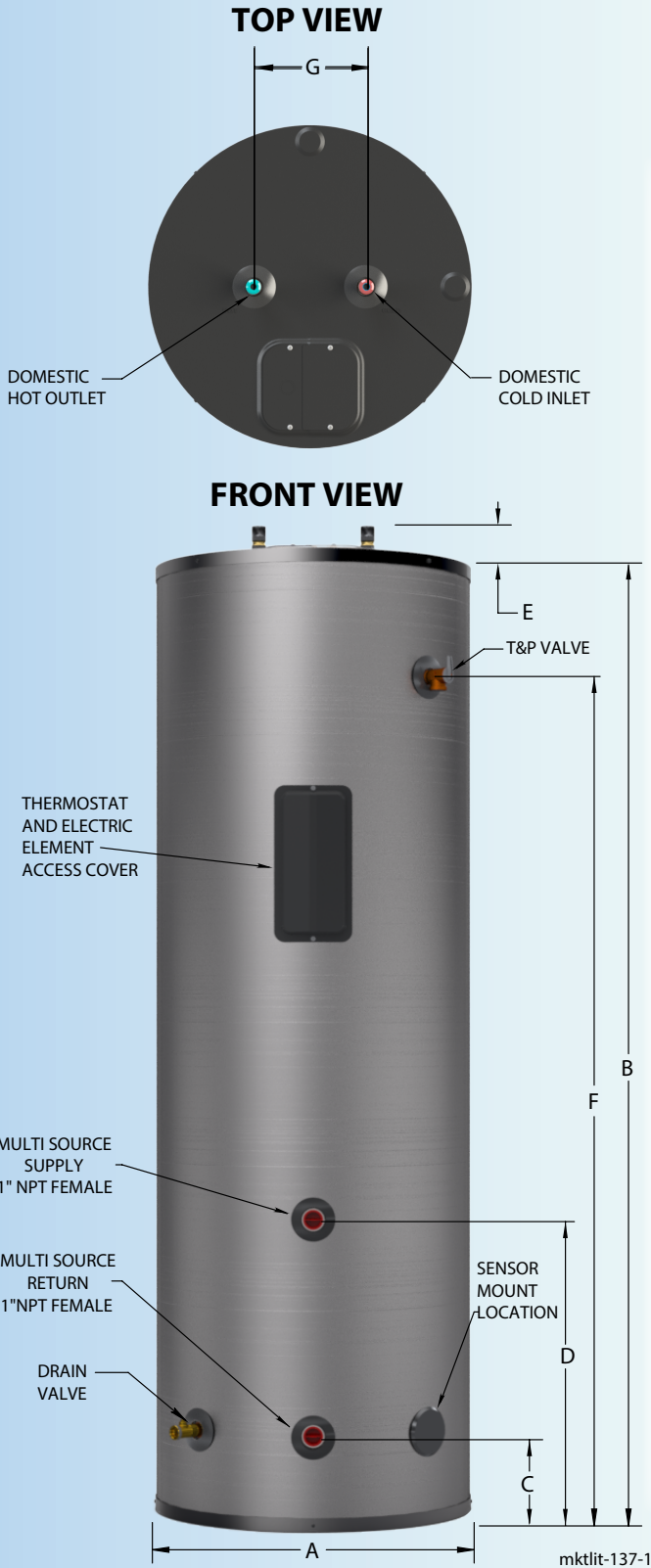
A BRAND OF  **ARISTON**
THERMO USA

Model	Solar Heat Exchanger Volume (Gallons)	Water Volume of Back-Up (Gallons)	Maximum Working Pressure	Recovery of Back-Up in Minutes* (Gallons)		First Draw** (Gallons)
				65° F Rise	90° F Rise	
MSSU-80NSE	1	22	150 PSI	63	85	68
MSSU-119NSE		32		84	112	102

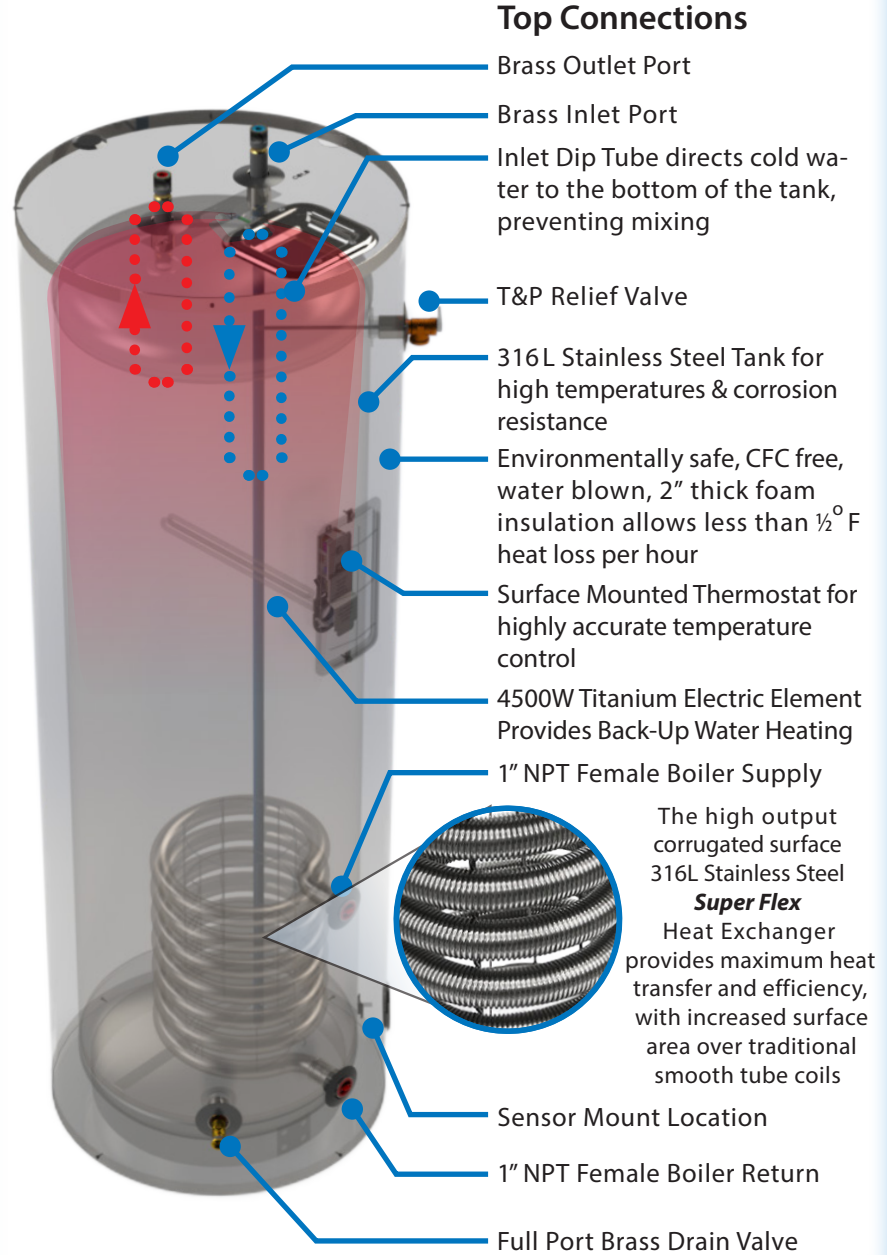
*NOTE: Recovery was tested with no input to coil.

**NOTE: First draw was acquired by heating the entire tank until thermostat was satisfied, then drawing until a Delta T of 15°F was seen at the outlet.

Dimensions and Specifications



A Closer Look



Model	Gallons	A	B	C	D	E	F	G	Domestic Inlet / Outlet	Heat Exchanger Connection Size	Weight
MSSU-80NSE	80	23-1/2"	69"	7-1/4"	21-1/2"	2-1/2"	60-1/4"	8"	3/4" NPT Male	1" NPT Female	160 lbs
MSSU-115NSE	115	27"									235 lbs