



SuperStor Ultra MAX Indirect Fired Water Heater Submittal and Specification

Job Name:	Location:
Engineer:	Wholesaler:
Mechanical Contractor:	Notes:
Model Number:	
Specifications:	

Indirect Fired Water Heater Models

- Available in 30 through 119 gallon capacities
- Example Model Number: MSSU-30N

Optional Equipment

10k Sensor (Part # 6070P-990)

Construction

- 316L stainless steel tank tolerates high temperatures and offers superior corrosion resistance
- Super-insulated with environmentally safe, CFC free, water-blown, extra thick foam insulation
- Allows less than 1/2 degree Fahrenheit per hour heat loss
- Outer jacket constructed of silver finished durable plastic for rust and impact resistance
- Stainless steel inlet and outlet connections for all models - top tapings
- Top hot water outlet draws the hottest water from the tank
- Top inlet with dip tube directs cold water to the bottom of the tank, minimizing the mixing of cold and heated water and ensuring long draws of hot water
- Temperature and pressure relief valve port
- Adjustable surface mounted thermostat provides years of reliable, trouble-free water temperature control

High Efficiency Super Flex Heat Exchanger

- High output corrugated stainless steel heat exchanger provides maximum corrosion resistance with exceptional heat transfer and low pressure drop
- Gasketless heat exchanger design
- Low pressure drop through the heat exchanger
- 1" NPT heat exchanger inlet/outlet size - all models

Additional Features

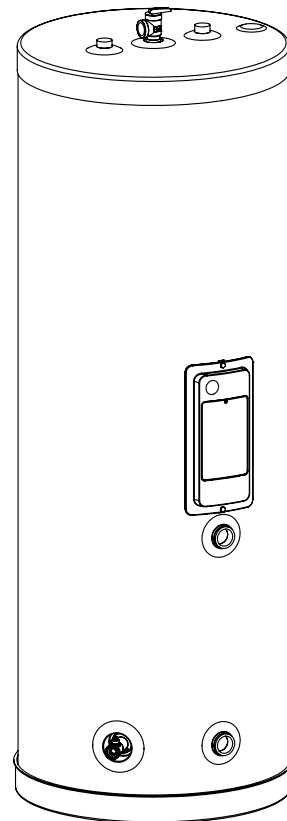
- Standard Limited Residential Use Warranty - Ten (10) years coverage against inner tank leakage from the date of installation
- Extended Limited Residential Use Warranty if registered online - Lifetime coverage against inner tank leakage from the date of installation
- Standard Limited Commercial Use Warranty - Five (5) years coverage against inner tank leakage from the date of installation
- One (1) year warranty coverage on component parts

Installed Components

- Included ASME rated Temperature and Pressure Relief Valve
- Included Brass Drain Valve to drain the water heater
- Included Surface Mount Control

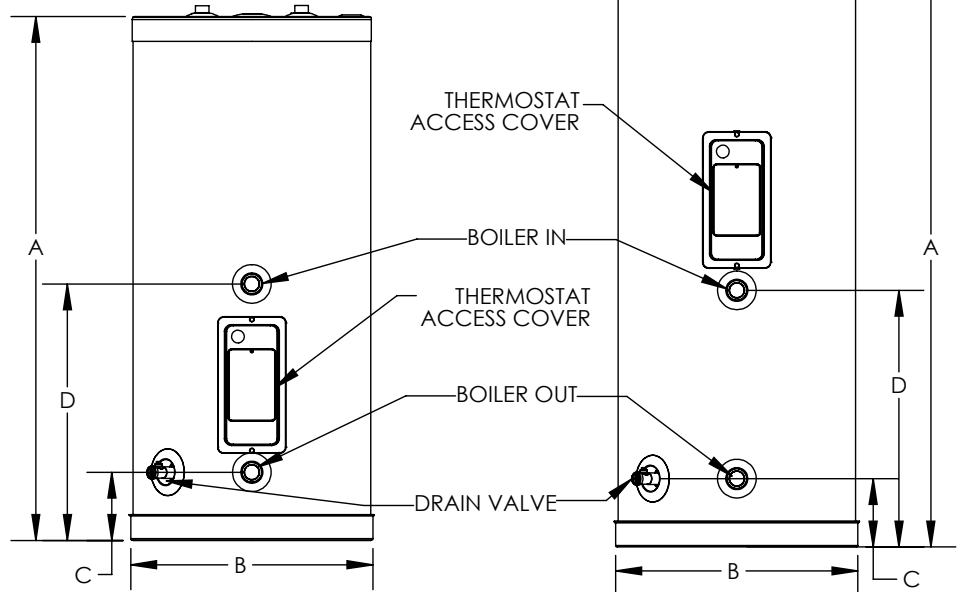
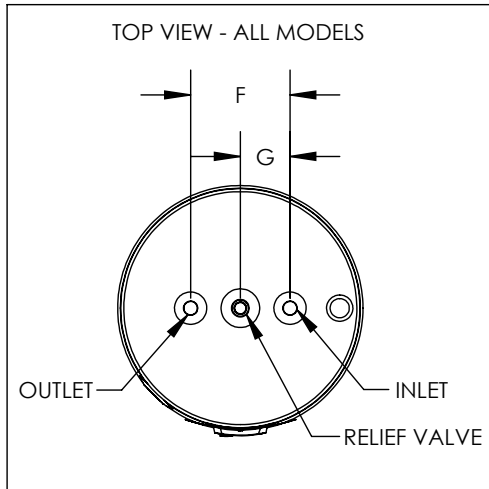
Certifications and Ratings Efficiency

- ETL Design Certified to meet UL 174 Water Heater Construction Standard
- Lead Free compliant per the Safe Drinking Water Act, Section 1417
- Tested below the maximum allowable standby loss levels of current ASHRAE standards according to ANSI test procedures
- Exceeds energy efficiency codes of all states, including California Energy Commission (CEC)
- NSF 5 Listed



NOTE: HTP reserves the right to make product changes or updates without notice and will not be held liable for typographical errors in literature.

SUPERSTOR ULTRA MAX SERIES



LP-733-B
05/26/21

MSSU-30N

MSSU-45N/60N/80N/119N

Model	A	B	C	D	E	F	G	Domestic Ports	Boiler In/Out	Capacity US Gallons	Weight
MSSU-30N	42-1/8"	19-3/8"	5-7/8"	21"	1-3/8"	8"	4"	3/4" NPT Male	1" NPT Female	28	58 lbs
MSSU-45N	54-1/4"									38	70 lbs
MSSU-60N	52-5/8"	23-1/2"								58	105 lbs
MSSU-80N	69"									78	135 lbs
MSSU-119N	69"									8-1/8"	20-1/4"
Model	Heat Exchanger Surface	Test Pressure	Working Pressure	180° F Boiler Water 1st Hour Rating [†]	180° F Boiler Btuh / Size	Recommended Flow Rate	Pressure Drop at Recommended Flow Rate				
MSSU-30N	15 Sq. Ft.	300 PSI	150 PSI	286 Gal.	170,000	14 GPM	5.4 Ft				
MSSU-45N				317 Gal.	185,000						
MSSU-60N				340 Gal.	185,000						
MSSU-80N				405 Gal.	215,000						
MSSU-119N				433 Gal.	215,000			2.0 Ft			

Figure 1 - Specifications, Dimensions, and Performance - [†]AHRI TEST METHOD BASED ON 77° F TEMPERATURE RISE, 58° F / 135° F W/BOILER WATER AT 180° F

Typical Specifications

The indirect fired water heater shall be an HTP model # _____ with a _____ gallon storage capacity, with a recommended boiler input of _____ BTU/hr and a 180°F (82.2°C) boiler input first hour rating of _____ Gallons at 140°F (60°C).

The tank shall be constructed of 316L stainless steel, and have a working pressure of 150 PSI (1,034 kPA) and test pressure of 300 PSI. The water heater shall be design certified by ETL to meet the UL 174 Water Heater Construction Standard, and meet or exceed the standby loss requirements of ASHRAE.

Water heaters shall be supplied with _____" NPT stainless steel inlet and outlet connections with built-in heat traps and a brass drain valve.

The water heater shall be equipped with an adjustable surface mounted thermostat. All water heaters will be shipped with an ASME Rated temperature and pressure relief valve.

Models with an "A" Suffix ship with an installed anode rod.

Residential use water heaters shall be covered by a standard ten (10) year limited warranty against inner tank leakage, or an extended lifetime limited warranty when registered online with HTP. Commercial use water heaters shall be covered by a standard five (5) year limited warranty against inner tank leakage. See product warranty for specific coverage details.

The surfaces of these products contacted by consumable water contain less than 0.25% lead by weight, as required by the Safe Drinking Water Act, Section 1417.

Maximum unit dimensions shall be length _____ inches, width _____ inches and height _____ inches. Maximum unit weight shall be _____ pounds.