



STAINLESS STEEL INDIRECT WATER HEATERS

FEATURES

NST
NILES
STEEL
TANK
SINCE 1898™



- **Stainless Steel Heat Exchanger** - Single wall 1" O.D. Stainless steel coil. Maximum supply temperature from boiler must not exceed 240 degrees F.
- **Stainless Steel Tank** - and Heat Exchanger made from molybdenum - titanium ferritic 444 stainless steel alloy.
- **Immersed Adjustable Honeywell Aquastat** - Fast acting immersion aquastate for automatic temperature control (adjustable from 80 to 160 F).
- **Supply and return Connections** - 1" NPT female connections are located on the front for both the boiler supply and boiler return.
- **2" Non-CFC Foam Insulation** - Covers the side and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operating efficiencies and jacket rigidity.
- **Potable Water Connections** - 3/4" NPT (1" NPT on NSS-120-L).
- **T&P Relief Valve** - Included.
- **Steel Jacket** - Painted Steel Jacket.
- **Brass Drain/ Return Valve** - Durable tamper proof design (excluding the SS-120-L).
- **AHRI Certified** - These water heaters are rated by the Air-Conditioning, Heating and Refrigeration institute to provide accurate performance data within the standards of the certification. This provides a recognized standard for proper comparison of hydronic appliances.

Limited Lifetime Tank and Heat Exchanger Warranties/ 6 Year Limited Warranty on Component Parts.
5 Year Limited Warranties on Commercial Models/ 1- Year Limited Warranty of Components Parts.



Intertek



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LOW LEAD
CONTENT

Stainless Steel Single - Wall Indirect Water Heater

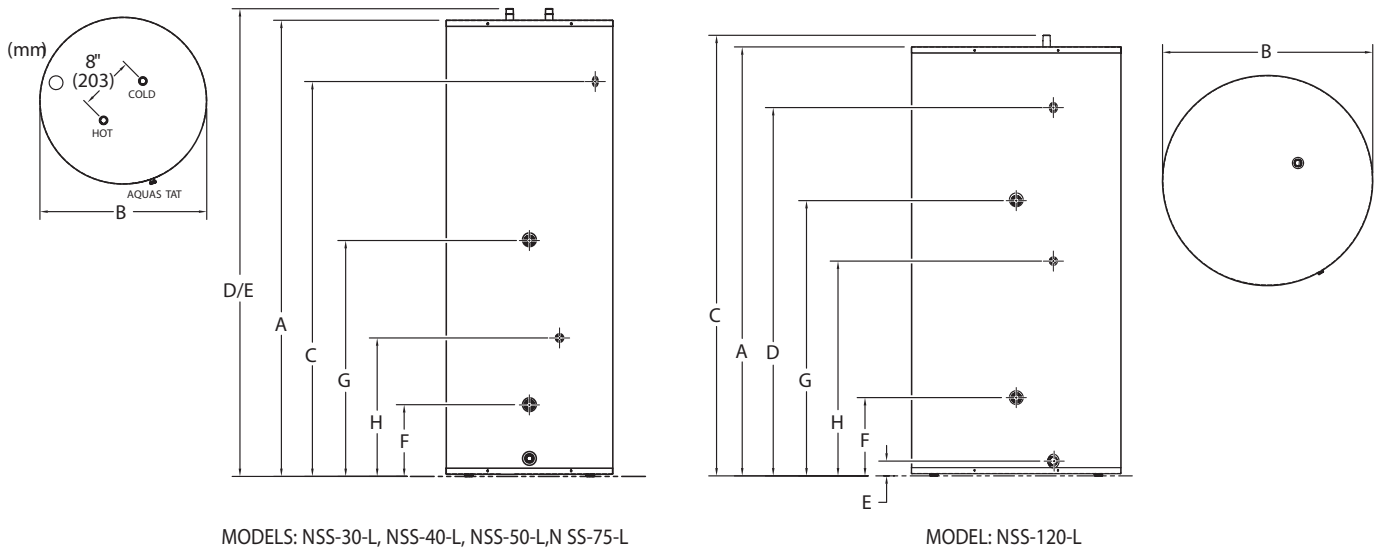
Stainless Steel Series SS Models

Model Number	Nominal Gal. Capacity U.S. Gal.	A Floor to Top of Heater in.	B Jacket Dia. in.	C Floor to T&P Conn. in.	D Floor to Hot Water Conn. in.	E Floor to Cold Water Conn. in.	F Floor to Exchanger Outlet in.	G Floor to Exchanger Inlet in.	H Floor to Aquastat in.	Approx. Shipping Weight lbs.
NSS-30-L	29	31 ⁵ / ₈	24	22 ¹ / ₂	32 ¹ / ₂	32 ¹ / ₂	10	22 ⁵ / ₈	16 ¹ / ₂	75
NSS-40-L	38	38 ¹ / ₄	24	29 ¹ / ₈	38 ⁷ / ₈	38 ⁷ / ₈	10	24 ³ / ₄	18 ³ / ₄	91
NSS-50-L	50	48	24	39 ³ / ₄	48 ⁷ / ₈	48 ⁷ / ₈	10	29 ¹ / ₄	19 ¹ / ₂	103
NSS-75-L	73	65 ⁵ / ₈	24	56 ¹ / ₂	66 ¹ / ₄	66 ¹ / ₄	10	33 ⁵ / ₈	19 ¹ / ₂	142
NSS-120-L	111	68 ³ / ₈	30 ¹ / ₄	63 ¹ / ₂	53	2	11	39 ¹ / ₈	30 ¹ / ₂	217

AHRI Certified Water Heater Ratings

Model Number	First Hour Delivery Rating Gal./Hr.	Continuous Draw @135°F Gal./Hr.	Standby Heat Loss Rating °F/Hr.	Minimum Heat Required Rate BTU/Hr	Minimum Heat Source Flow Rate Gal./Min.
NSS-30-L	179	160	0.8	105,000	14.0
NSS-40-L	237	209	0.6	135,000	14.0
NSS-50-L	269	229	0.5	145,000	14.0
NSS-75-L	367	307	0.4	193,000	14.0
NSS-120-L	409	319	0.3	199,000	9.0

NOTE: These certified ratings were obtained with a heat source output and flow rate as specified and a 180°F (82°C) boiler water supply temperature. Other results will be obtained under different conditions.



General

All units are certified at 300 PSI (2068 kPa) test pressure and 150 PSI working pressure (1034 kPa). All potable water connections are 3/4" (19mm) NPT (1" (25mm) NPT on SS-120).

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into the potable water side. The potable side of this unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance. The heat exchanger side of the unit may be used in space heating applications.

Niles Steel Tank is



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