



## Commercial Single-Wall Indirect Water Heater



Photo is of  
NSW-80C-L

### The Single-Wall Models Feature:

- **2" Non-CFC Foam Insulation**—Covers the sides and top of tank to save energy by retarding loss of heat.
- **Factory Installed Nipples**—For longer water heater life. Easier installation.
- **Fully Automatic Controls**—immersed Honeywell aquastat.
- **Immersed Adjustable Honeywell Aquastat**—Fast acting immersion aquastat for automatic temperature control (adjustable from 80°F to 160°F).
- **Ultonium® Lining**—Niles Steel Tank water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Niles Steel Tank high silica Ultonium® lining provides a tough interior surface for our hot water tanks.
- **Three Protective Anode Rods**—Provides added protection against corrosion for long trouble-free service.
- **Factory Installed Sparge Tube System**—Cold inlet sediment reduction device helps to minimize sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up at top of tank.
- **Heat Exchanger**—Single wall 1½" glass coated (Ultonium®) steel.
- **Supply and Return Connections**—the 1" NPT female connections are located on the front for both the boiler supply and boiler return.
- **Stand-by Heat Loss**—less than 1/2°F per hour.
- **Brass Drain Valve.**
- **T&P Relief Valve Installed**—All models feature opening on side of tank.

### 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.nilesst.com](http://www.nilesst.com)

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.



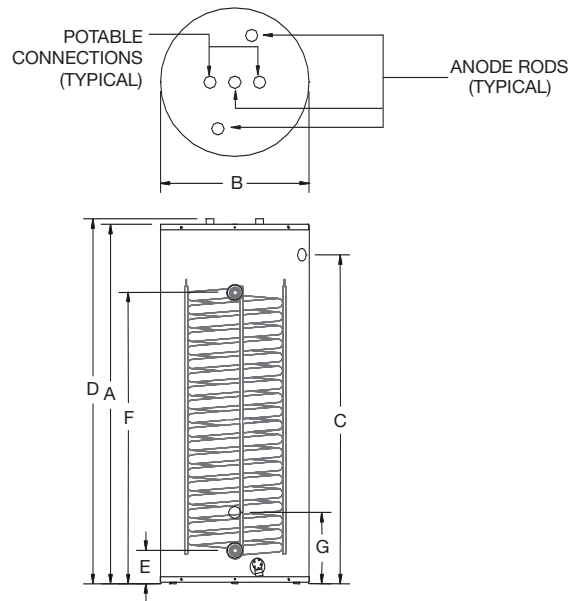
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952; 5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983; 4,808,356; 5,115,767; 5,092,519; 5,052,346; 4,416,222; 4,628,184; 4,861,968; 4,672,919; Re. 34,534; 7,270,087 B2. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,280,043; 1,289,832; 2,045,862; 2,112,515; 2,108,186; 2,107,012; 2,092,105; 2,409,271. Ultonium® is a registered trademark of Niles Steel Tank.

# Commercial Indirect Water Heater

## Indirect Water Heaters

Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity U.S. Gal.	A Floor to Heater Top in.	B Jacket Dia. in.	C Floor to T&P Conn. in.	D Floor to Water Conn. in.	E Floor to Exchanger Outlet in.	F Floor to Exchanger Inlet in.	G Floor to Aquistat in.	Approx. Shipping Weight lbs.
NSW-65C-5	58	59 <sup>1</sup> / <sub>4</sub>	22	53 <sup>1</sup> / <sub>8</sub>	60	5 <sup>3</sup> / <sub>8</sub>	47 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	265
NSW-80C-5	73	59	24	52 <sup>7</sup> / <sub>8</sub>	59 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>8</sub>	47 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	293
NSW-120C-5	114	62 <sup>1</sup> / <sub>2</sub>	28 <sup>1</sup> / <sub>4</sub>	55 <sup>3</sup> / <sub>4</sub>	63 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>8</sub>	48 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	415



### DOE Water Heater Performance

Model Number	Maximum First Hour Rating (Gal.) @	
	140°F	115°F
NSW-65C-5	534	820
NSW-80C-5	546	834
NSW-120C-5	583	871

Based on 200°F boiler water temperature and 50°F potable water inlet.

### General

All units are certified at 300 PSI (2068 kPa) test pressure and 150 PSI (1034 kPa) working pressure. All potable water connections are 3/4" (19mm) NPT on 8" (203mm) centers.

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

**Suitable for Water (Potable) Heating and Space Heating.**

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

**NILES STEEL TANK LIMITED WARRANTY:** Protects your investment in a quality glass-lined water heater and single-wall heat exchanger. If the tank or heat exchanger leaks for reasons of faulty materials, workmanship, or corrosion within the warranty period, the entire unit will be replaced with a comparable unit of our manufacture (exclusive of shipping and re-installation cost.)§.

§ Some states do not allow limitations on warranties. For products installed in USA, Canada and Puerto Rico. See complete copy of the warranty included with the heater.



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