



Commercial Storage Tanks 80, 120 and 200 Gallon Models



The Commercial Storage Tank Models Feature:

- **Applications**—Designed for use with boilers, hot water circulation systems and large dump volume applications.
- **Ultonium® Lining**—Water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The high silica Ultonium® lining provides a tough interior surface for our hot water tanks.
- **Optional ASME Construction Available.**
- **2" Non-CFC Foam Insulation**—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity.
- **Water Connections**—2" NPT factory installed true dielectric fittings extend water heater life and eases installation.
JS-24-80 - 2" JS-28-120A - 2½"
JS-24-80A - 2" JS-32-200 - 2½"
JS-28-120 - 2"
- **Rear Connection**—2" NPT spud allows for a rear water connection (JS-28-120 and JS-28-120A only).
- **Hand Hole Cleanout**—For removal of accumulated lime and sediment (JS-28-120 has optional hand hole cleanout).
- **Two Protective Magnesium Anode Rods**—Provide added protection against corrosion for long trouble-free service.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled, and welded.
- **T&P Relief Valve Opening (T&P Not Supplied)**—All models have special tapping on side of tank.
- **3/4" NPT Aquastat Fitting.**
- **Brass Drain Valve.**

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

For more information on warranty, please visit 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 Storage Tanks

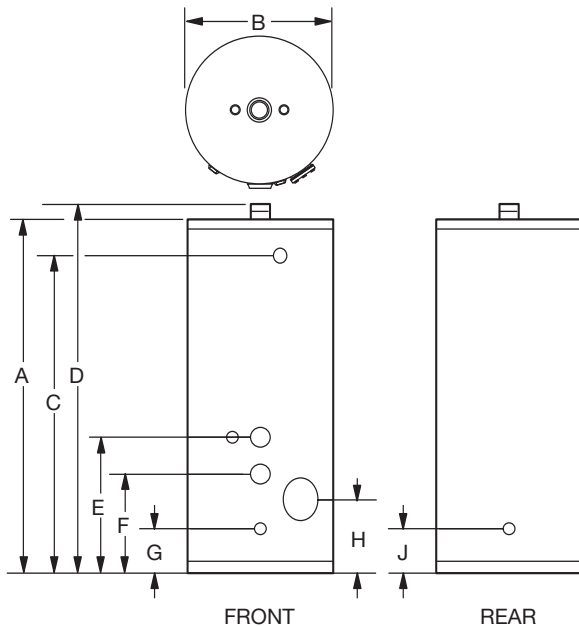
Jacketed Commercial Storage Models

Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		A Floor to Heater Top	B Jacket Dia.	C Floor to T&P Conn.	D Floor to Hot Water Conn.	E Floor to Aquastat & Top Circ. Conn.	F Floor to Bottom Circ. Conn.	G Floor to Drain	H Floor to Hand Hole Cleanout	J Floor to Rear Water Conn.	Water Conn. Size. †	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	lbs.
JS-24-80	80	67	58 ³ / ₄	24	52 ¹ / ₂	59 ³ / ₄	14 ¹ / ₄	9 ¹ / ₄	4 ³ / ₄	7 ¹ / ₄	—	2(F)	192
JS-24-80A*	80	67	58 ³ / ₄	24	52 ¹ / ₂	59 ³ / ₄	14 ¹ / ₄	9 ¹ / ₄	4 ³ / ₄	7 ¹ / ₄	—	2(F)	192
JS-28-120	119	100	62 ¹ / ₂	28	55 ³ / ₄	63 ¹ / ₂	14 ¹ / ₂	9 ¹ / ₂	5	—	5	2(F), 2(R)	312
JS-28-120A*	119	100	62 ¹ / ₂	28	55 ³ / ₄	63 ¹ / ₂	14 ¹ / ₂	9 ¹ / ₂	5	7 ¹ / ₂	5	2 ¹ / ₂ (F), 2(R)	366
JS-32-200*	200	167	77	32	66	78	16 ¹ / ₄	11 ¹ / ₄	6 ³ / ₄	9 ¹ / ₄	—	2 ¹ / ₂ (F)	541

Model Number	Capacity		A Floor to Heater Top	B Jacket Dia.	C Floor to T&P Conn.	D Floor to Hot Water Conn.	E Floor to Aquastat & Top Circ. Conn.	F Floor to Bottom Circ. Conn.	G Floor to Drain	H Floor to Hand Hole Cleanout	J Floor to Rear Water Conn.	Water Conn. Size. †	Approx. Shipping Weight
	Liters	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	kg.
JS-24-80	303	1492	610	1334	1518	362	235	121	184	—	51(F)	87	
JS-24-80A*	303	1492	610	1334	1518	362	235	121	184	—	51(F)	87	
JS-28-120	450	1588	711	1416	1613	368	241	127	—	127	51(F), 51(R)	142	
JS-28-120A*	450	1588	711	1416	1613	368	241	127	191	127	64(F), 51(R)	166	
JS-32-200*	751	1956	813	1676	1981	413	286	171	235	—	64(F)	245	

*Meets American Society of Mechanical Engineers (ASME) Code.
 †F=Front Water Connections. R= Rear Water Connections.



General

All water connections are 2" (50.8mm.) NPT except for JS-28-120A and JS-32-200 which are 2¹/₂" (63.5mm.) NPT. T&P tapping 1" (25mm.) NPT. Aquastat tapping 3/4" (19mm.) NPT. Certified at 300 psi (2068 kPa) test pressure and 150 psi 1034 (kPa) working pressure.

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

Sample Specification

The hot water storage tank shall be a Niles Steel Tank model _____ with a storage capacity of not less than _____ gallons/liters. The tank shall be lined with Ultonium™ vitreous enamel and shall have a bolted hand hole cleanout. The tank shall have two extruded magnesium rods installed in separate head couplings. The storage tank shall be insulated with not less than 2" of Non-CFC foam. The entire installation shall be made in compliance with state and local codes and ordinances.



1701 Terminal Road • Niles, Michigan 49120
 Telephone 269-683-1910 • Fax 269-683-1953 • www.nilesst.com

A Subsidiary of **BRADFORD WHITE**

©2010, Bradford White Corporation. All rights reserved.