

Commercial Jacketed Energy Saver Storage Tanks



Photo is of
M-3-ST80R5

The Commercial Jacketed Storage Tank Models Feature:

- **Applications**—Designed for use with boilers, hot water circulation systems and large dump volume applications.
- **Vitraglas[®] Lining**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas[®] lining provides a tough interior surface for our hot water tanks.
- **Optional ASME Construction Available**—M-3-ST200R5A comes standard with ASME construction.
- **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 (M-3-ST120R5A and M-3-ST200R5A have 2½" connections).
- **Rear Connection**—2" NPT spud allows for a rear water connection (M-3-ST120R5 and M-3-ST120R5A only).
- **Hand Hole Cleanout**—For removal of accumulated lime and sediment (M-3-ST-120R5 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.bradfordwhite.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.

Commercial Storage Tanks

Jacketed Small Volume Energy Saver Models

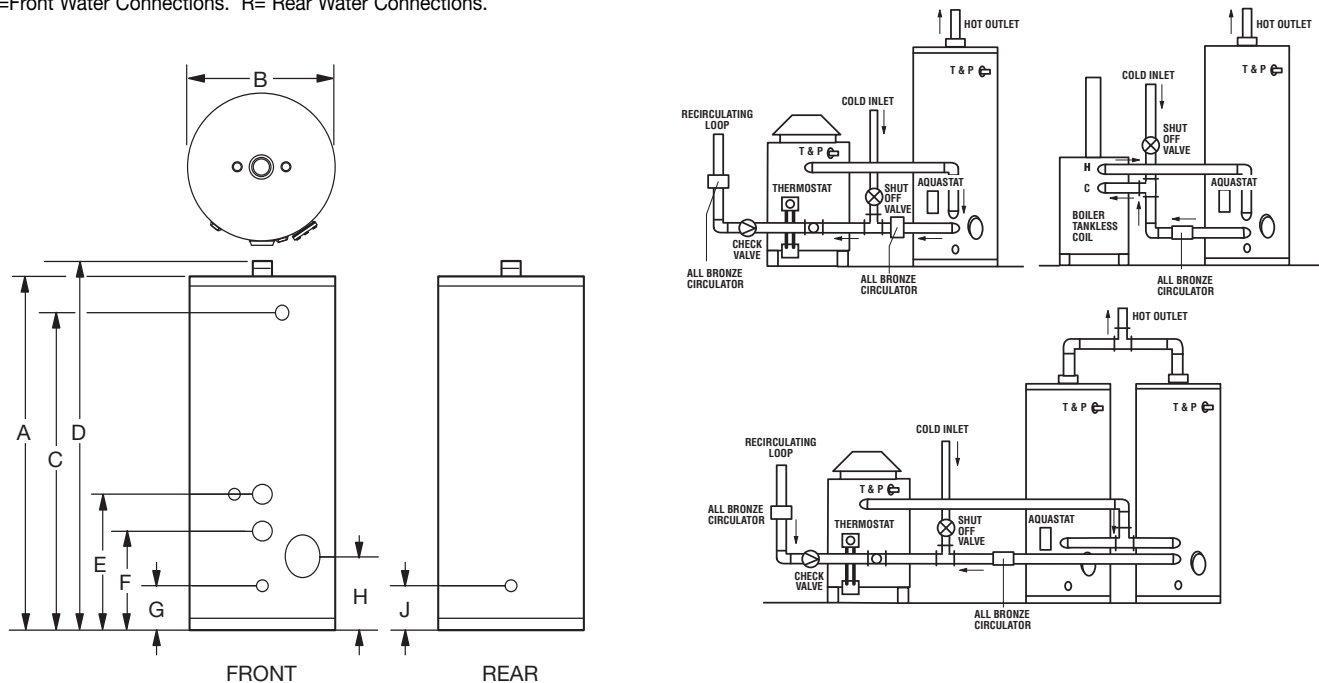
Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		A	B	C	D	E	F	G	H	J	Water Conn. Size.†	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	Floor to Heater Top in.	Jacket Dia. in.	Floor to T&P Conn. in.	Floor to Hot Water Conn. in.	Floor to Aquastat & Top Circ. Conn. in.	Floor to Bottom Circ. Conn. in.	Floor to Drain in.	Floor to Hand Hole Cleanout in.	Floor to Rear Water Conn. in.		
M-3-ST80R5	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
M-3-ST80R5A*	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
M-3-ST120R5	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
M-3-ST120R5A*	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
M-3-ST200R5A*	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	B	C	D	E	F	G	H	J	Water Conn. Size.†	Approx. Shipping Weight
	Liters	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
M-3-ST80R5	303	1492	610	1334	1518	362	235	121	184	—	51(F)	87	
M-3-ST80R5A*	303	1492	610	1334	1518	362	235	121	184	—	51(F)	87	
M-3-ST120R5	450	1588	711	1416	1613	368	241	127	—	127	51(F), 51(R)	142	
M-3-ST120R5A*	450	1588	711	1416	1613	368	241	127	191	127	64(F), 51(R)	166	
M-3-ST200R5A*	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

Water connections 2" (51mm) NPT (except where noted). T&P tapping 1" (25mm) NPT. Aquastat tapping 3/4" (19mm) NPT. All models certified at 300 psi test pressure (2068 kPa) and 150 psi working pressure (1034 kPa).

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



Ambler, PA

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

International: Telephone 215-641-9400 • Telefax 215-641-9750 / www.bradfordwhite.com



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Built to be the Best™

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