

## Commercial Jacketed 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<sup>®</sup> Lining**—An exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas<sup>®</sup>) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Optional ASME Construction Available**—M-3-ST200R5A comes standard with ASME construction.
- **Insulation System**—2" (51mm) Non-CFC foam covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.
- **Water Connections**—2" (51mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections (M-3-ST120R5A and M-3-ST200R5A have 2½" (64mm) connections).
- **Rear Connection**—2" (51mm) 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-term, 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" (19mm) NPT Aquastat Fitting.**
- **Designed for Storage of Potable Water up to 180°F (82°C).**
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.



HLW



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

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

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## Jacketed Small Volume Models

Meet or exceed ASHRAE 90.1b (current standard)

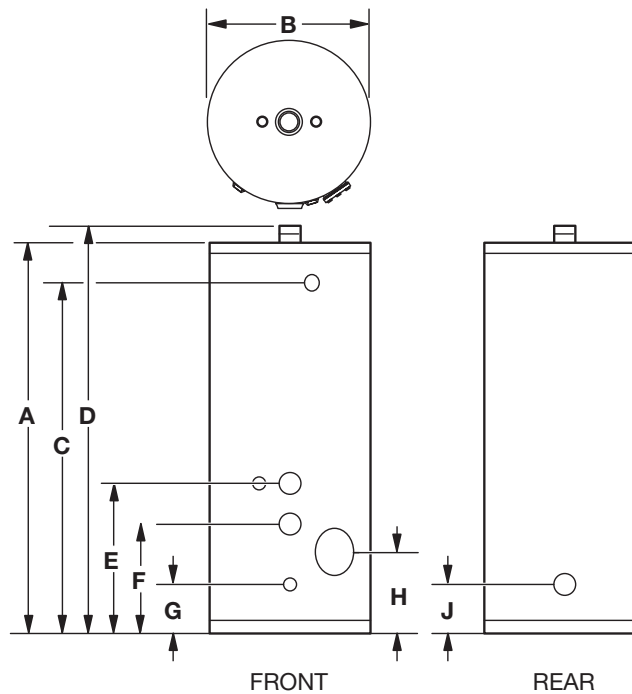
Model Number	Capacity		A	B	C	D	E	F	G	H	J	Water Conn. Size.†	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	Floor to Heater Top in.	Jacket Dia. in.	Floor to T&P Conn. in.	Floor to Hot Water Conn. in.	Floor to Aquastat & Top Circ. Conn. in.	Floor to Bottom Circ. Conn. in.	Floor to Drain in.	Floor to Hand Hole Cleanout in.	Floor to Rear Water Conn. in.	in.	lbs.
M-3-ST80R5	80	67	58 <sup>3</sup> / <sub>4</sub>	24	52 <sup>1</sup> / <sub>2</sub>	59 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	—	2(F&T)	192
M-3-ST80R5A*	80	67	58 <sup>3</sup> / <sub>4</sub>	24	52 <sup>1</sup> / <sub>2</sub>	59 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	—	2(F&T)	278
M-3-ST120R5	119	100	62 <sup>1</sup> / <sub>2</sub>	28	55 <sup>3</sup> / <sub>4</sub>	63 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	5	—	9 <sup>1</sup> / <sub>2</sub>	2(F&T), 2(R)	312
M-3-ST120R5A*	119	100	62 <sup>1</sup> / <sub>2</sub>	28	55 <sup>3</sup> / <sub>4</sub>	63 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	5	7 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub> (F&T), 2(R)	366
M-3-ST200R5A*	200	167	77	32	66	78	16 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>4</sub>	—	2 <sup>1</sup> / <sub>2</sub> (F&T)	633

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.	mm.	kg.
M-3-ST80R5	303	1492	610	1334	1518	362	235	121	184	—	51(F&T)	87	
M-3-ST80R5A*	303	1492	610	1334	1518	362	235	121	184	—	51(F&T)	126	
M-3-ST120R5	450	1588	711	1416	1613	368	241	127	—	241	51(F&T), 51(R)	142	
M-3-ST120R5A*	450	1588	711	1416	1613	368	241	127	191	241	64(F&T), 51(R)	166	
M-3-ST200R5A*	751	1956	813	1676	1981	413	286	171	235	—	64(F&T)	287	

\* 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.*

— BRADFORD WHITE IS —



Sales: 800-523-2931 ■ Fax 215-641-1612

24/7 Technical Support: 800-334-3393 ■ Email [techserv@bradfordwhite.com](mailto:techserv@bradfordwhite.com)

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**Built to be the Best**