

## Commercial Vitraglas® Coated Unjacketed Storage Tanks



Photo is of  
BST-120R5

### **The Commercial Storage Tank Models Feature:**

- **Applications**—Designed for use with boilers, hot water circulation systems and large dump volume applications.
- **Vitraglas® Coated Steel Tank**—Superior protective enamel formula coats the outside of the heavy gauge steel tank.
- **Vitraglas® Lining**—Bradford White tanks are lined with an exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Water Connections**—2" NPT factory installed true dielectric fittings extend water heater life and eases installation (BST-200R5A has 2½" connections).
- **Rear Connection**—2" NPT spud allows for a rear water connection (BST-120R5 only).
- **Hand Hole Cleanout**—For removal of accumulated lime and sediment (BST-120R5 has optional hand hole cleanout).
- **Two Protective Magnesium Anode Rods**—Provide added protection against corrosion for long trouble-free service.
- **T&P Relief Valve Opening (T&P Not Supplied)**—All models have special tapping on side of tank.
- **ASME Construction Available**—BST-200R5A only.
- **3/4" NPT Aquastat Fitting.**
- **Brass Drain Valve**—Tamper Proof.



### **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.

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. Vitraglas® is a registered trademark of Bradford White® Corporation.

# Commercial Storage Tanks

## Vitraglas® Coated Unjacketed Models

Meet or exceed ASHRAE 90.1b (current standard)

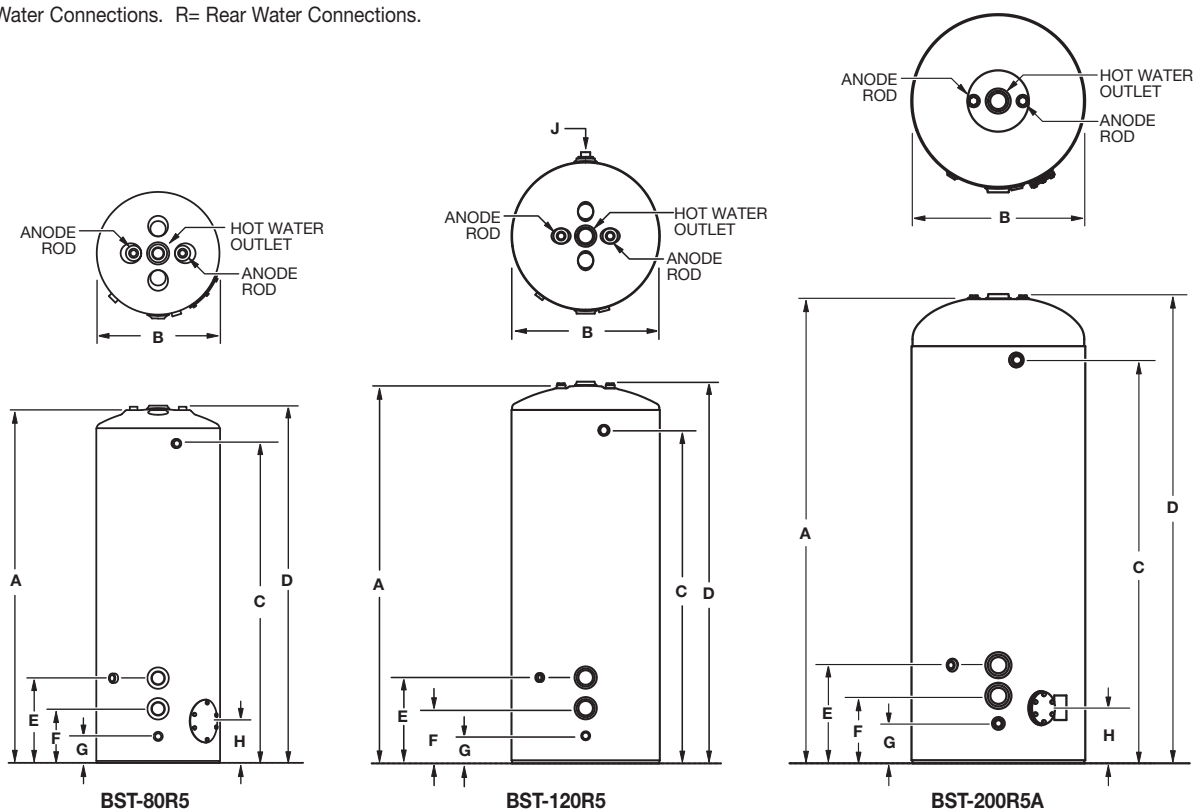
| Model Number | Capacity  |           | A Floor to Heater Top          | B Jacket Dia. | C Floor to T&P Conn.            | D Floor to Hot Water Conn.     | E Floor to Aquastat & Top Circ. Conn. | F Floor to Bottom Circ. Conn.   | G Floor to Drain               | H Floor to Hand Hole Cleanout   | J Floor 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.                    |
| BST-80R5     | 80        | 67        | 58 <sup>1</sup> / <sub>4</sub> | 20            | 52 <sup>1</sup> / <sub>2</sub>  | 58                             | 13 <sup>13</sup> / <sub>16</sub>      | 8 <sup>13</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>16</sub> | 6 <sup>13</sup> / <sub>16</sub> | —                           | 2(F)                              | 182                     |
| BST-120R5    | 119       | 100       | 62 <sup>1</sup> / <sub>4</sub> | 24            | 54 <sup>5</sup> / <sub>16</sub> | 62 <sup>1</sup> / <sub>4</sub> | 14                                    | 9                               | 4 <sup>1</sup> / <sub>2</sub>  | —                               | 9                           | 2(F), 2(R)                        | 302                     |
| BST-200R5A*  | 200       | 167       | 76 <sup>1</sup> / <sub>2</sub> | 28            | 65 <sup>3</sup> / <sub>4</sub>  | 76 <sup>1</sup> / <sub>2</sub> | 16                                    | 11                              | 6 <sup>1</sup> / <sub>2</sub>  | 9                               | —                           | 2 <sup>1</sup> / <sub>2</sub> (F) | 531                     |

| 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.                | kg.                     |
| BST-80R5     | 303      |  | 1492                  | 508           | 1334                 | 1518                       | 362                                   | 229                           | 121              | 184                           | —                           | 51(F)              | 82                      |
| BST-120R5    | 450      |  | 1588                  | 610           | 1416                 | 1613                       | 368                                   | 229                           | 127              | —                             | 235                         | 51(F), 51(R)       | 136                     |
| BST-200R5A*  | 751      |  | 1956                  | 711           | 1676                 | 1981                       | 413                                   | 279                           | 171              | 235                           | —                           | 64(F)              | 240                     |

\*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.

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## Built to be the Best™

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