

# Storage Tank

## Residential

### Features

- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour delivery of hot water while minimizing temperature build-up in tank.

### Additional Details

- **Fully Automatic Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Insulation System**—Non-CFC foam covers the tank, reducing heat loss, energy consumption, and improves efficiency and jacket rigidity.
- **Water Connections**— 3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections (AST-120-6 1" NPT).
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Thermal Feet**—Unique design provides complete tank isolation. Prevents thermal conduction through bottom of tank.
- **Pedestal Base**—Rugged and durable base allows easy transport and positioning while providing corrosion-resistant contact with floor.
- **Brass Drain/Return Valve.**
- **T&P Relief Valve Opening**—All models have special tapping on top of tank (T&P not included).



AST-50-6



### 6 or 10-Year Limited Tank Warranties / 6-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. See complete copy of the warranty included with the heater for limitations.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

# Storage Tank

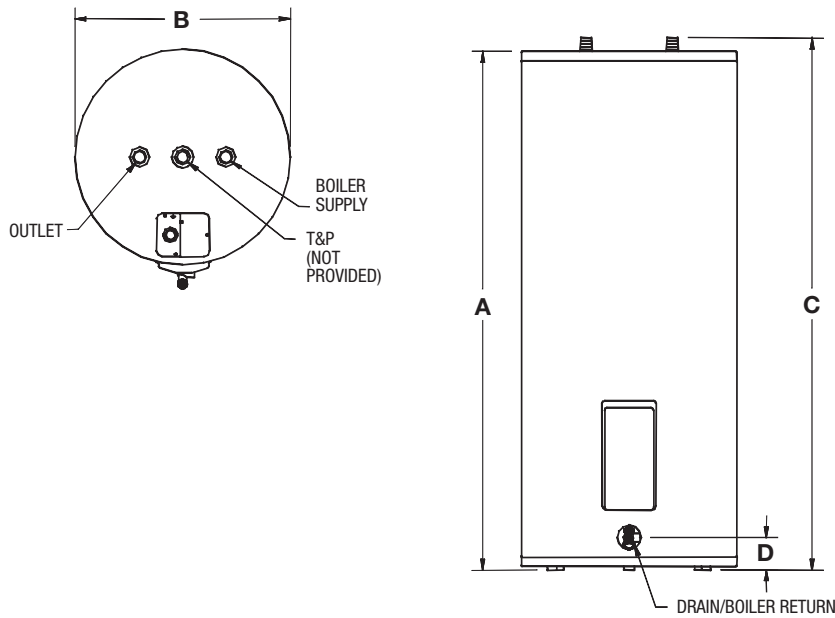
## Residential

### SPECIFICATIONS

C.E.C. Listed

| Model Number | Capacity  |           | A                               | B                              | C                               | D                                | Outlet in. | Heat Source Supply in. | Heat Source Return in. | Approx. Shipping Weight lbs. |
|--------------|-----------|-----------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|------------|------------------------|------------------------|------------------------------|
|              | U.S. Gal. | Imp. Gal. | Floor to Heater Top in.         | Jacket Dia. in.                | Floor to Top Water Conn. in.    | Floor to Drain/Boiler Return in. |            |                        |                        |                              |
| AST-40-6     | 40        | 33        | 46 <sup>7</sup> / <sub>8</sub>  | 20                             | 47 <sup>7</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>16</sub>   | 3/4        | 3/4                    | 3/4                    | 103                          |
| AST-50-6     | 50        | 42        | 46 <sup>5</sup> / <sub>16</sub> | 22                             | 47 <sup>5</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>16</sub>   | 3/4        | 3/4                    | 3/4                    | 130                          |
| AST-80-6     | 80        | 67        | 58 <sup>7</sup> / <sub>8</sub>  | 24                             | 59 <sup>7</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>16</sub>   | 3/4        | 3/4                    | 3/4                    | 183                          |
| AST-120-6    | 119       | 99        | 62 <sup>7</sup> / <sub>8</sub>  | 28 <sup>1</sup> / <sub>4</sub> | 63 <sup>7</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>16</sub>   | 1          | 1                      | 3/4                    | 305                          |

| Model Number | Capacity |  | A                       | B               | C                            | D                                | Outlet mm. | Heat Source Supply mm. | Heat Source Return mm. | Approx. Shipping Weight kg. |
|--------------|----------|--|-------------------------|-----------------|------------------------------|----------------------------------|------------|------------------------|------------------------|-----------------------------|
|              | Liters   |  | Floor to Heater Top mm. | Jacket Dia. mm. | Floor to Top Water Conn. mm. | Floor to Drain/Boiler Return mm. |            |                        |                        |                             |
| AST-40-6     | 151      |  | 1191                    | 508             | 1216                         | 78                               | 19         | 19                     | 19                     | 47                          |
| AST-50-6     | 189      |  | 1176                    | 559             | 1202                         | 78                               | 19         | 19                     | 19                     | 59                          |
| AST-80-6     | 303      |  | 1495                    | 610             | 1521                         | 78                               | 19         | 19                     | 19                     | 83                          |
| AST-120-6    | 450      |  | 1597                    | 718             | 1622                         | 78                               | 25.4       | 25.4                   | 19                     | 138                         |



### GENERAL:

All Models Certified at 300 P.S.I. (2068 kPa) Test Pressure and 150 P.S.I. (1034 kPa) Working Pressure. All water connections are 3/4" NPT (19mm). (120 gallon (454L) models have 1" (25mm) outlet, 1" (25mm) Boiler Supply and 3/4" (19mm) Boiler return.) All models UL® listed.

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



Sales: 800-523-2931  
 24/7 Technical Support: 800-334-3393 • Email TechServ@bradfordwhite.com

Products made by Bradford White are manufactured in America using the finest materials and components from around the world. ©2024, Bradford White Corporation, USA. All rights reserved.

