

## Residential Storage Tank Energy Saver Models



Photo is of  
AST-50-6

### The Storage Tank Models feature:

- **Factory Installed Hydrojet<sup>®</sup> Sediment Reduction System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank and increases first hour delivery of hot water while minimizing temperature build up in tank.
- **Vitraglas<sup>®</sup> 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<sup>®</sup>) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Fully Automatic Controls**—Fast acting surface-mount thermostats for automatic temperature control. Factory installed sensitive manual reset energy cutoff for safety to prevent overheating.
- **2" (51mm) 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**—3/4" (19mm) NPT factory installed true dielectric fittings extend water heater life and eases installation.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **Thermal Feet**—Unique design provides complete tank isolation. Prevents thermal conduction through bottom of tank.
- **Pedestal Base.**
- **Brass Drain/Return Valve.**
- **T&P Relief Valve Opening**—All models have special tapping on top of tank.



### 6 or 10-Year Limited Tank Warranties / 6 or 10-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.

# Residential Storage Tank Water Heater

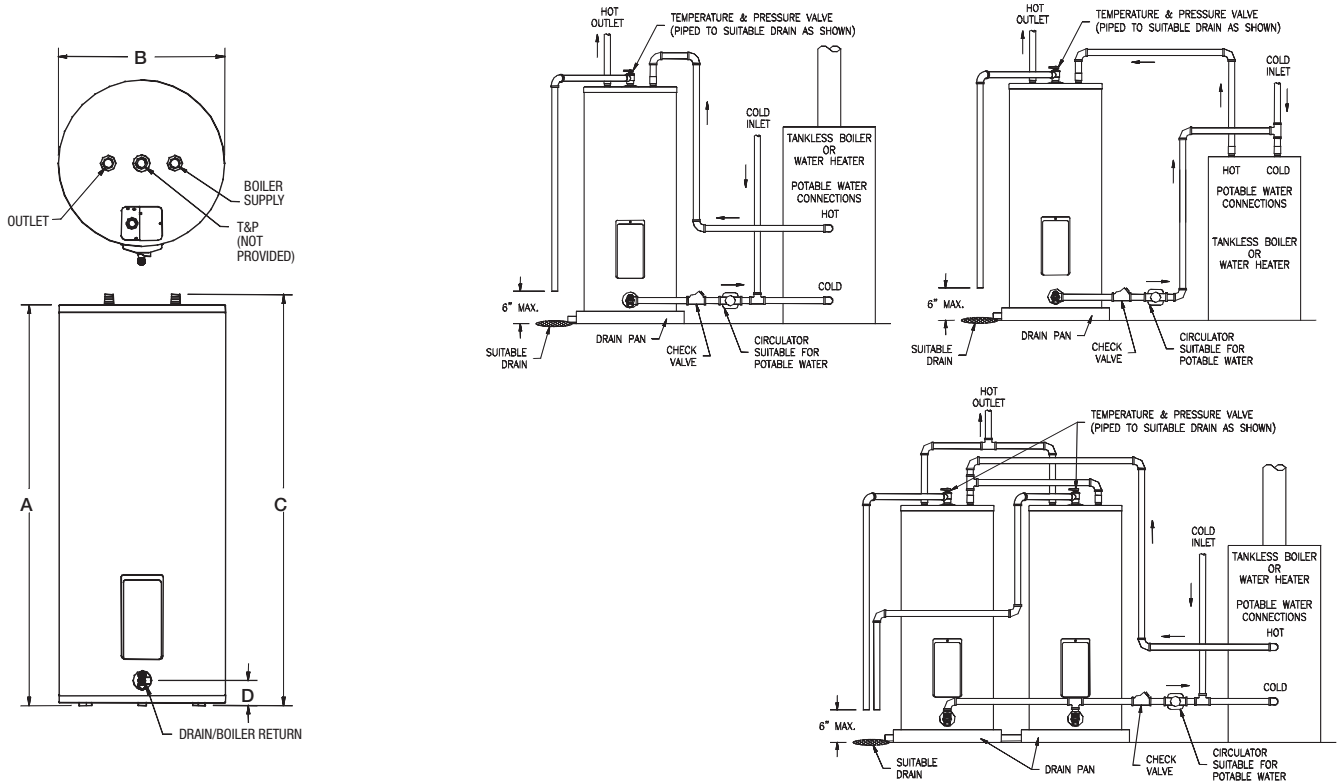
## Energy Saver Models

Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		A Floor to Heater Top in.	B Jacket Dia. in.	C Floor to Top Water Conn. in.	D Floor to Drain/ Boiler Return in.	Outlet in.	Heat Source Supply in.	Heat Source Return in.	Approx. Shipping Weight lbs.
	U.S. Gal.	Imp. Gal.								
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 Floor to Heater Top mm.	B Jacket Dia. mm.	C Floor to Top Water Conn. mm.	D Floor to Drain/ Boiler Return mm.	Outlet mm.	Heat Source Supply mm.	Heat Source Return mm.	Approx. Shipping Weight kg.
	Liters									
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 3/4" (19mm) NPT (120 gallon models have 1" (25mm) outlet, 1" (25mm) Boiler Supply and 3/4" (19mm) Boiler return.) All models ETL listed.

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

Suitable for Water (Potable) Heating and Space Heating.



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](http://www.bradfordwhite.com)

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