

Residential Storage Tank Energy Saver Models



Photo is of
AST-50-6

The Storage Tank Models feature:

- **Factory Installed Hydrojet® 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® Lining**—Bradford White tanks are lined with an exclusively engineered enamel formula that provides superior 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).
- **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

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® and Hydrojet® are registered trademarks of Bradford White® Corporation.

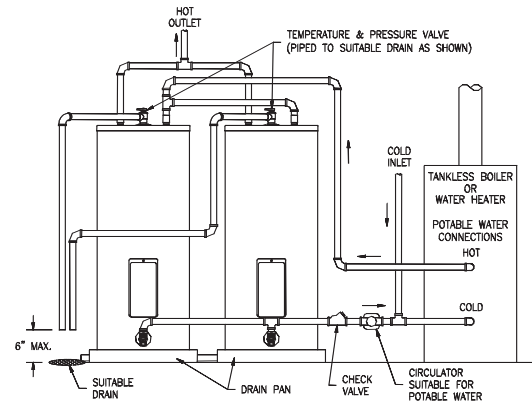
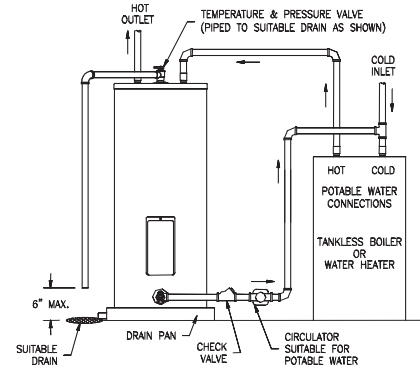
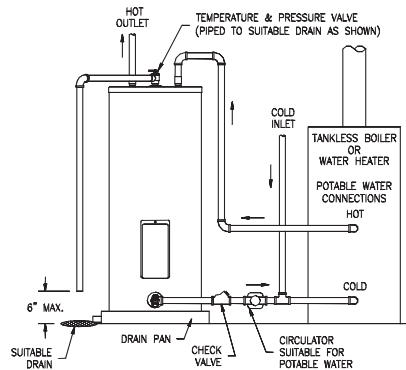
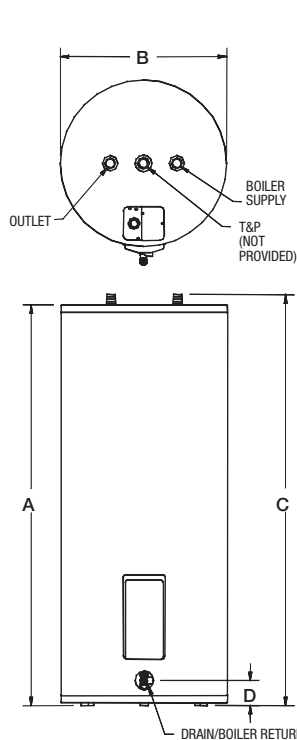
Residential Storage Tank Water Heater

Energy Saver Models

Meet or exceed ASHRAE 90.1b (current standard)

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

Model Number	Capacity		A Floor to Heater Top	B Jacket Dia.	C Floor to Top Water Conn.	D Floor to Drain/Boiler Return in.	Outlet mm.	Heat Source Supply mm.	Heat Source Return mm.	Approx. Shipping Weight
	Liters		mm.	mm.	mm.	mm.				kg.
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

BRADFORD WHITE-CANADA INC. Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / www.bradfordwhite.com

Built to be the Best™

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