

Residential Storage Tank 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**—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).
- **Fully Automatic Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Insulation System**—2" (51mm) Non-CFC foam insulation covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Protective Magnesium 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.**
- **Brass Drain/Return Valve.**
- **T&P Relief Valve Opening**—All models have special tapping on top of tank.



6-Year Limited Tank Warranties / 6-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: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. Vitraglas[®] and Hydrojet[®] are registered trademarks of Bradford White[®] Corporation.

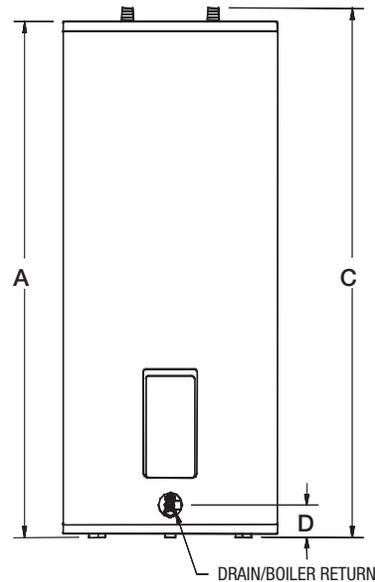
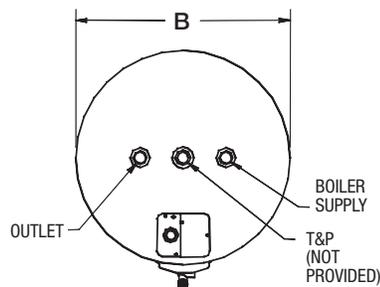
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Storage Tank Models

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 ⁷ / ₈	20	47 ⁷ / ₈	3 ¹ / ₁₆	3/4	3/4	3/4	103
AST-50-6	50	42	46 ⁹ / ₁₆	22	47 ⁹ / 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 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 (454L) 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.

— BRADFORD WHITE IS —



For field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 ■ Fax 215-641-1612

Technical Support 800-334-3393 ■ Email techserv@bradfordwhite.com

Warranty 800-531-2111 ■ Email warranty@bradfordwhite.com

International: Telephone 1-215-641-9400 ■ Email international@bradfordwhite.com / www.bradfordwhite.com

Built to be the Best™