

Storage Tank

Residential

Features

- **Vitraglas® Lining with Antimicrobial Technology**—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).
- **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-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

INT609-0825

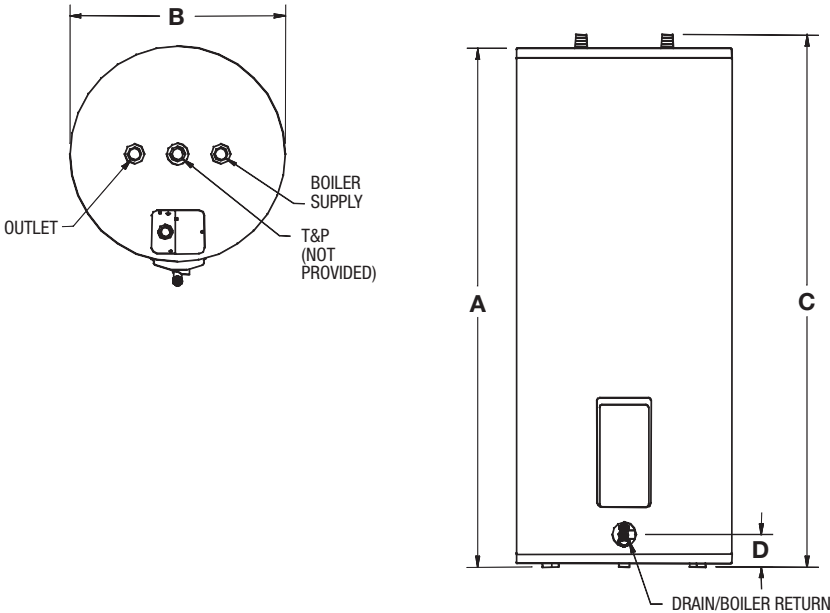
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SPECIFICATIONS

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

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