

Upright Electric Residential Water Heater

Features

ISO 9001 | Bradford White is an ISO 9001-2015 registered manufacturing facility.

- **Certified to IEC 60335-2-21.**
- **Snap-Lock Lid and Base Pan**—Eliminates the need for screws, resulting in a clean appearance and smooth handling surface.
- **Glass Lined Steel Tank.**
- **30 mm (1.2") Non-CFC Foam Insulation**—Covers the sides and top of the tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies, and jacket rigidity.
- **Incoloy Elements**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Fully Automatic Thermostat Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Pilot Light**—Indicates that the elements are actively heating the water.
- **Water Connections**—Color-coded for ease of installation.
 - 3/4" NPT: BW200 & BW300.
 - 1" NPT: BW450.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service (G1 thread).
- **Powder Coated External Jacket**—Combines attractive appearance with maximum protection.
- **Electrical Configurations Available:**
 - 208V – 240V, Single Phase, Non-Simultaneous Element Operation.
 - 380V – 415V, Three Phase, Simultaneous Element Operation.
- **Ingress Protection ratings:**
 - Water Heater: IP44.
 - Junction Box: IP68.
- **T&P Relief Valve**—Included.
- **Drain Valve**—Included. (G1/2 thread).
- **Pressure Ratings**—10 bar working pressure and 20 bar test pressure.



Photo is of BW300-R



6-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

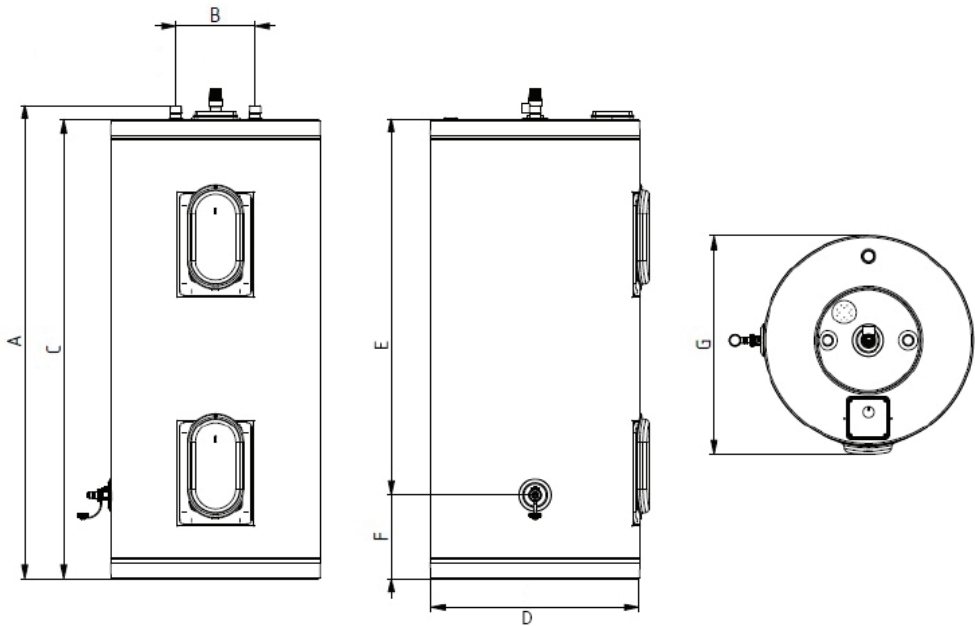
For more information on warranty, please visit www.bradfordwhite.com

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SPECIFICATIONS

Model Number	Nominal Capacity Liters	A		B		C		D		E		F		G		Approx. Shipping Weight	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs.	kg.
BW200-R	190	47.3	1202	8	203	45.9	1165	21	533	37.6	954	8.3	211	21.9	555	132	60
BW300-R	300	64.3	1633	8	203	62.8	1596	22	560	53.9	1369	8.9	227	22.9	582	187	85
BW450-R	450	68.5	1739	8	203	67.4	1713	26.4	670	56.8	1443	10.6	270	27.3	694	236	107



Voltage	240V		
Phase	1 Phase		
Total kW Input	3.0	4.5	6.0
Amperage	12.5	18.8	25.0
Recovery at 50°C (90°F) Rise, Gal./Hr.	14	21	28

Operating at 208V reduces total kW input by approximately 25%.
3kW option not available in 208V.

Voltage	415V		
Phase	3 Phase, Unbalanced		
Total kW Input	6.0	9.0	12.0
Amperage	15	22.5	30
Recovery at 50°C (90°F) Rise, Gal./Hr.	28	41	55

Operating at 380V reduces total kW input by approximately 25%.

GENERAL:

Models are built in accordance with IEC EN standards. All models certified at 20 bar (290 PSI) test pressure and 10 bar (145 PSI) working pressure. Temperature range is approximately 32°C - 66°C (90°F - 150°F). SASO 2884 certification on select models/configurations. See your local authorized representative for models available. G Mark certification applies specifically to household electric storage water heaters with capacities up to 200 liters.

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