

BENCHMARK®

Storage Water Heater



100% Made in USA
100% Indian Service by Benchmark

Honeywell ICON System™

Vitraglas® Lining

Hydrojet® Total Performance System

Defender Safety System®

6 Year Warranty on Tank*

Resettable Thermal Switch

2" Non-CFC Puf Insulation

T&P Relief Valve

Maintenance Free



Manufactured by
No. 1 Water Heater Company of USA



Setting new quality standards



Hydrojet® Total Performance System

Bradford White's Hydrojet® Total Performance System does much more than clean the tank!



- ◆ Greatly reduces harmful sediment build-up
- ◆ Efficient mixing reduces and balances thermal stratification
- ◆ Improves first hour delivery
- ◆ Improves overall operating efficiency
- ◆ Lengthens the life of the water heater
- ◆ Reduces energy costs
- ◆ Provides more hot water for the money
- ◆ Standard equipment on top connect models – no extra cost

Vitraglas® Tested-Tough Water Heater Tank Protection

In 1951, Bradford White invented a unique tank lining for water heaters and named it Vitraglas®.



- ◆ Provides unsurpassed protection from the highly corrosive effects of hot water
- ◆ Testing proves that the unique formulation of Vitraglas® is superior to other water heater tank enamel linings
- ◆ Vitraglas® enamel lining is uniquely formulated and applied to the water heater tank, head, base, and heat exchanger tube(s)
- ◆ Automatic spray application system maintains consistent thickness
- ◆ Vitraglas® is bonded to the steel surface by firing at a temperature of over 1600°F producing a superior, durable, corrosion resistant, and long-lasting lining
- ◆ Unique compound structure allows the Vitraglas® lining to expand and contract with the steel tank
- ◆ Suitable for potable hot water applications
- ◆ Separate immersed Thermowell



Defender Safety System®

Bradford White's Defender Safety System® is a proven combustion system that resists the ignition of flammable vapors outside the water heater.

- ◆ Featuring advanced ScreenLok®
- ◆ Technology flame arrestor
- ◆ Air scrubbing water heater jacket and combustion chamber base
- ◆ Resettable thermal switch
- ◆ Proven low NOx design
- ◆ Virtually maintenance free
- ◆ Combustion chamber sight window



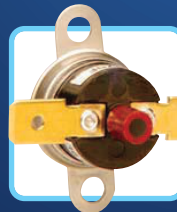
Gas Control Valve with Exclusive GREEN LED Indicator



Integrated Piezo Igniter



Sight Window to Combustion Chamber



Resettable Thermal Switch



Thermopile (no electricity required)

ICON System™ Gas Control

Bradford White's ICON System™ is much more than a gas valve. It's a revolutionary advance in water heating control technology available only to the professional installer and wholesaler.



- ◆ Advanced control system for accurate water temperatures
- ◆ Exclusive software for enhanced operational performance
- ◆ Intelligent diagnostics to assist in troubleshooting
- ◆ Exclusive "GREEN LED" Indicator
- ◆ Pilot-ON indication
- ◆ Millivolt powered control requires no external electricity
- ◆ Separate immersed Thermowell



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Promoted by professionals with over two decades of experience, Benchmark Agencies Pvt Ltd commenced operations in 2004 with the objective of providing world class Water Heaters suitable to Indian conditions and great value for money to consumers. Benchmark took a major leap with the largest range of Instant Gas Water Heaters in India.

Benchmark has emerged as innovator and system integrator for large residential, commercial and Industrial Hot Water Solutions. Gas, Electric, Solar, Heat-pump and now customized Hybrid water heating solutions have propelled Benchmark as India's leading Water Heater Company.

Benchmark proudly brings topmost USA manufactured fully automatic Storage Gas & Electric water heaters. The widest range of Storage Tank Gas heaters include capacities of 114, 151, 189, 284 and 380 liters.

American Certified



Gas Water Heater					
Capacity (Liter)	114	151	189	284	380
BTU/Hr. Input	30,000	40,000	40,000	76,000	85,000
Flow rate (ΔT 50° C) Ltr/Hr.	125	155	159	310	350
Gas type	NG / LPG				
Gas pressure	20 / 28 mbar				
Pressure working / test	10 / 20 Bar				
Water Inlet / Outlet	G 3/4"		1"	1 1/4"	
Gas inlet	G 1/2"				
Product dimension (Inches) Height	49	50	60	60	68
Diameter	18	20	20	24	28

Electric Water Heater			
Capacity (Liter)	189	303	450
Power supply	220V / Single phase • 415V / Three phase		
Flow rate with 4.5KW (ΔT 50°c)	78 L/H		
INCOLOY Heating element	4.5KW x 2 Nos. / 3 KW x 2 Nos.		
Maximum / Test pressure	10 / 20 Bar		
Water outlet / inlet	G3/4"		
Product dimension (inches)			
Height	58	60	63
Diameter	18	22	28

* For Commercial Installations Warranty on Tank for 3 Years

Benchmark Agencies Pvt. Ltd.

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