

The Bradford White

DEFENDER

Safety System™

Maintenance Free Protection Featuring ScreenLok™ Technology



The Hydrojet® Total Performance System

- Reduces Sediment
- More Hot Water Faster
- Longer Tank Life



Vitraglas® The World's Best Glass Tank Lining



Factory-Installed Dielectric Waterway Fittings



Brass Drain Valve



T&P Relief Valve



Snap-Lock Draft Diverter



Standard SIX Year Limited Tank & Parts Warranty



Certified to the Highest and Toughest Standards



40-Gallon Model features 40,000 BTU's



The Bradford White Defender Safety System™ is a new combustion technology that resists the



Simple, Push Button Reset Switch

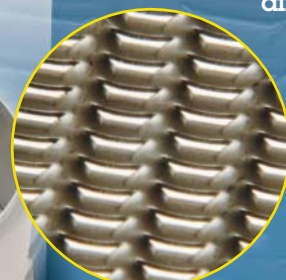
ignition of flammable vapors outside the water heater. It maintains outstanding efficiency,

a long service life and low NOx emissions while providing maintenance free operation for all conventional 30, 40 and 50-gallon gas-fired water heaters.



Piezo Igniter

The Defender Safety System's unique design causes several directional changes to the flow of combustion air. This series of diversions is the key to "scrubbing" the air of the majority of lint and dust, providing years of trouble-free service.



Patented ScreenLok™ Design

Products Only For Professionals

It's easy to see why we say our water heater is the *Plumber's Heater*. We provide all the extra features and benefits a professional would expect, at no extra cost. Every one of our water heaters is manufactured with pride in America's Heartland. When it comes to developing technology trust Bradford White.



The Official Water Heater of the PHCC



bradfordwhite.com

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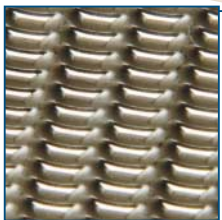
Safety System™



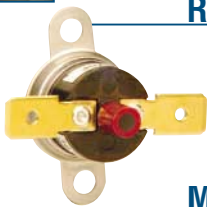
Here's why the Defender Safety System™ is in a class by itself when it comes to Flammable Vapor Ignition Resistant (FVIR) technology.



Piezo Igniter – Easy and quick lighting of the pilot burner by push button.



Advanced ScreenLok™ Technology Flame Arrestor Design – Constructed of 304L stainless steel, a non rusting alloy, for outstanding impact, heat, crack, and corrosion resistance, the ScreenLok™ Technology Flame Arrestor was tested in the harshest simulated environment and continued to operate properly over the normal life expectancy of the product.



Resettable Thermal Switch – Reliable bimetallic switch prevents burner or pilot operation in case of ongoing flammable vapor burn inside of the combustion chamber or restricted air flow caused by lint, dust and/or oil buildup. This proven technology has been used for years in the industry and allows simplified, quick and easy service.



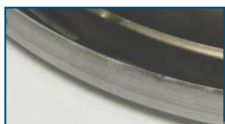
Maintenance Free – No regular cleaning of air inlet openings or flame arrestor is required under normal conditions.

Proven Burner Design – Used for many years to allow off-the-shelf replacement if necessary.

Low NOx Standard – Efficient and clean combustion on all models and sizes, meets or exceeds strict California SCAQMD emission regulations.



Standard Thermocouple – Conventional off-the-shelf replacement parts for quick service.



Pedestal Base – Rugged and durable base allows easy transport, positioning and corrosion resistant contact with floor. This change does not increase the overall height or diameter of the water heater.



Controlled Combustion System – Added strength, lower noise. Assures combustion air is directed through the ScreenLok™ Technology flame arrestor.



Sight Window – Offers a view into the combustion chamber to observe the operation of the pilot and burner.


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