Residential Atmospheric Vent Extra Recovery Energy Saver Gas Water Heater

The Extra Recovery FVIR Defender Safety System® Models Feature:

- **Advanced ScreenLok® Technology Flame Arrestor Design**—Flame arrestor is designed to prevent ignition of flammable vapor outside of the water heater.
- **Resettable Thermal Switch**—Proven and reliable bimetallic switch prevents burner and pilot operation in case of ongoing flammable vapor burn inside of the combustion chamber or restricted air flow.
- **Piezo Igniter**—Easy and quick lighting of the pilot burner by push button.
- **Pedestal Base**—Rugged and durable base allows easy transport, positioning and provides corrosion resistant contact with floor.
- **Maintenance Free**—No regular cleaning of air inlet openings or flame arrestor is required under normal conditions.
- **Sight Window**—Offers a view into the combustion chamber to observe the operation of the pilot and burner.
- **Factory Installed Hydrojet® Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up in tank.
- **Vitraglas® Lining**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas® lining provides a tough interior surface for our hot water tanks.
- **Fully Automatic Controls**—Built-in energy cut-off switch prevents abnormally high water temperature for extra safety. Built-in gas pressure regulation.
- **Side Connections**—3/4” NPT tappings allow easy connections for space heating applications (potable water only).
- **2” Non-CFC Foam Insulation**—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity (M-1-XR403 has 1”).
- **Water Connections**—3/4” NPT factory installed true dielectric fittings extend water heater life and eases installation.
- **Factory Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **3x4 “Snap Lock” Draft Diverter**—Allows either 3” or 4” vent connections with inputs of 40,000 BTU/Hr. or less. Over 40,000 BTU/Hr. has the 4” “Snap Lock” Draft Diverter.
- **Flue Baffle**—Maximizes the amount of heat absorbed by the tank and reduces heat loss during standby periods.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled and welded.
- **T&P Relief Valve**—Included.
- **Brass Drain Valve**.
- **Design Certified by CSA International (formerly AGA/CGA)**.

Photo is of M-2-XR6ST6FBN

6 or 10-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: 5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385; 5,574,822; 5,372,185; 5,485,879; 5,277,171; 5,341,770; 5,660,165; 5,596,922; 5,600,686; 4,694,428; 5,023,031; 5,003,982; 4,669,448; 9,289,983; 8,088,365; 5,115,767; 5,092,519; 5,032,348; 4,165,222; 4,028,184; 8,861,968; 4,872,919. Re. 34,534, 2,275,087. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,380,043; 1,289,832; 2,045,862; 2,112,515; 2,108,186; 2,107,012; 2,092,105; 2,409,271. Defender Safety System®, ScreenLok®, Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.
### Extra Recovery Energy Saver Models

**NATURAL GAS AND LIQUID PROPANE GAS**

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed

79% and 80% Recovery Efficiency

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>Recovery* 90°F Rise</th>
<th>A Floor to Flue Conn.</th>
<th>B Jacket Dia.</th>
<th>C Vent Size</th>
<th>D Floor to T&amp;P Conn.</th>
<th>E Floor to Gas Conn.</th>
<th>F Floor to Space Heating Return</th>
<th>G Floor to Space Heating Outlet</th>
<th>H Floor to Water Conn.</th>
<th>K Depth</th>
<th>Approx. Shipping Weight</th>
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<tbody>
<tr>
<td>M-1-XR403S6FBN</td>
<td>40,000</td>
<td>50</td>
<td>20</td>
<td>3x4</td>
<td>41</td>
<td>13</td>
<td>13/4</td>
<td>41</td>
<td>48.25</td>
<td>24</td>
<td>126</td>
<td></td>
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<tr>
<td>M-2-XR504T6FBN</td>
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<td>59/4</td>
<td>22</td>
<td>4</td>
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<td>13</td>
<td>13/4</td>
<td>50</td>
<td>57</td>
<td>26</td>
<td>164</td>
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<tr>
<td>M-2-XR65T6FBN</td>
<td>65,000</td>
<td>63</td>
<td>24</td>
<td>4</td>
<td>53/4</td>
<td>12/4</td>
<td>13/4</td>
<td>60</td>
<td>28</td>
<td>205</td>
<td></td>
<td></td>
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</tbody>
</table>

Propane models feature a Titanium Stainless Steel propane burner. For Propane (LP) models change suffix "BN" to "SX".

For 10 year models, change suffix from "6" to "10".

*B Based on manufacturers rated recovery efficiency.

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**M-1-XR403S water connections are on 8" centers, all other models are 11" centers.**

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Meets NAECA Requirements

**General**

All gas water heaters are certified at 300 PSI (2068 kPa) test pressure and 150 PSI (1034 kPa) working pressure. All water connections are 3/4" (19mm) NPT. All gas connections are 1/2" (13mm).

All models design certified by CSA International (formerly AGA/CGA), ANSI Z-21.10.1 and/or peak performance rated.

*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.

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into this system. This unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

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For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089


**Built to be the Best™**

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