Residential Energy Saver
Gas–Upright
Extra Recovery Series (XR)

Features:

- Bradford White is ISO registered to the 9001- standard.
- All residential storage models meet or exceed efficiency requirements of the Department of Energy, ASHRAE Standard 90.1 b (current standard) and the National Appliance Energy Conservation Act of 1987 recent amendment effective January 20, 2004 which supercedes all state and local efficiency requirements.
- 2" Non-CFC foam insulation—surrounds the tank surface, saving energy by retarding loss of heat. (1" on M1 models)
- Flue baffle—designed to maximize the amount of heat absorbed in the lower portion of tank. Minimizes air movement in the heater during standby periods to retard heat loss up the flue.
- 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.
- Protective magnesium anode rod—provides added protection against corrosion for long trouble-free service.
- Side tappings—for space heating.
- Factory installed Hydrojet® Total Performance System—cold inlet sediment reducing device. Helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up at top of tank.
- Heat Traps—factory installed, minimizes heat loss through piping.
- Water Connections—3/4” NPT factory installed true dielectric fittings. Extends water heater life and eases installation (M2XR75 has 1” NPT dielectric waterway fittings).
- Brass drain valve.
- “Snap-Lock” draft diverter.
- T&P relief valve included—all sizes come standard with special tapping on side of tank.
- Six or ten year limited warranty on steel tank.
- Six year limited parts warranty.
- Design certified by CSA International (formerly AGA/CGA).
- The Bradford White Defender Safety System™ Models (40 and 48 Gallon Models) Feature:
  - Piezo Igniter—easy and quick lighting of the pilot burner by push button.
  - Advanced ScreenLok™ Technology Flame Arrestor Design.
  - 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.
  - Pedestal Base—Rugged and durable base allows easy transport and positioning, 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.

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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; 6,884,821; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952; 5,682,666; 4,304,428; 5,023,031; 5,000,893; 4,669,448; 4,529,983; 4,808,356; 5,115,767; 5,092,519; 5,052,346; 4,416,222; 4,628,184; 4,861,968; 4,672,919; Re. 34,534. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,280,043; 1,289,832; 2,045,862; 2,112,515; 2,108,186; 2,107,012; 2,092,105.
Residential Deluxe
Energy Saver
Gas-Upright

The Bradford White Defender Safety
System models meet ANSI Standard
Z21.10.1 – Latest Edition

**XR-Series Energy Saving Models**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<tbody>
<tr>
<td>Imp. Gal.</td>
<td>Nat. &amp; LP BTU Input</td>
<td>Recovery 50°C Rise &amp; 90°F Rise</td>
<td>Floor to T&amp;P Conn.</td>
<td>Floor to Gas Conn.</td>
<td>Floor to Space Heating Return</td>
<td>Floor to Space Heating Outlet</td>
<td>Approx. Shipping Weight</td>
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<tr>
<td>U.S.</td>
<td>GPH</td>
<td>GPH</td>
<td>in.</td>
<td>in.</td>
<td>in.</td>
<td>in.</td>
<td>Lbs. Kg.</td>
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<tr>
<td>M-1-XR403S6BN™</td>
<td>30 57</td>
<td>151 68</td>
<td>40,000 75 11.7 36 43 163</td>
<td>50 1270</td>
<td>20 508</td>
<td>3 76</td>
<td>41 1041</td>
</tr>
<tr>
<td>M-2-XR504T6FCX</td>
<td>40 53</td>
<td>246 70</td>
<td>65,000 102 19.1 57 69 261</td>
<td>59% 1505</td>
<td>22 559</td>
<td>4 102</td>
<td>50 1270</td>
</tr>
<tr>
<td>M-1-XR65T6BN</td>
<td>50 64</td>
<td>246 70</td>
<td>65,000 102 19.1 57 68 257</td>
<td>64% 1638</td>
<td>22 559</td>
<td>4 102</td>
<td>54% 1378</td>
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<tr>
<td>M-2-XR75S6BN</td>
<td>62 66</td>
<td>284 77</td>
<td>76,000 119 22.2 65 78 295</td>
<td>68% 1519</td>
<td>26 660</td>
<td>4 102</td>
<td>53 1248</td>
</tr>
</tbody>
</table>

Natural gas burner assembly meets all current U.S. local codes and emission standards.

All LP Gas heaters equipped with cast iron burner. To order an LP Gas heater, change suffix “BN” to “CX”.

**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.

All natural gas models meet SCAQMD requirements.

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 ¾” (19mm) NPT. The 75 gallon (284 liters) model has 1” (25mm) NPT. All gas connections are ⅝” (13mm). All models design certified by CSA International (formerly AGA/CGA). Recovery on all models based on manufacturers rated recovery efficiency. Change suffix number “6” to “10” for warranty identification.

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

**6-Year Limited Warranty on Component Parts**

**BRADFORD WHITE CORPORATION** has a 6-year warranty on replaceable parts—thermostat, burner, dip tube, drain valve and piezo igniter. These quality components are manufactured for us by industry leaders and will be replaced in the event of failure during the parts warranty period (exclusive of shipping and re-installation cost).§

**6 or 10-Year Limited Tank Warranties**

**BRADFORD WHITE CORPORATION LIMITED WARRANTY:** Protects your investment in a quality glass-lined heater. If the tank leaks for reasons of faulty materials, workmanship, or corrosion within the warranty period, the heater will be replaced with a comparable heater of our manufacture (exclusive of shipping and re-installation cost).§

§ Some states do not allow limitations on warranties. For products installed in USA, Canada and Puerto Rico. See complete copy of the warranty included with the heater.

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*(Note: M-1-XR403S water connections are on 8” centers, all other models are 11” centers)*

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| M-1-XR403S6FCX | 33 63 | 151 64 | 40,000 75 11.7 36 43 163 | 50 1270 | 20 508 | 3 76 | 41 1041 | 13 330 13% | 343 41 1041 | 48% 1232 126 57 |
| M-2-XR504T6FCX | 40 61 | 246 70 | 65,000 102 19.1 57 69 261 | 59% 1505 | 22 559 | 4 102 | 50 1270 | 13 330 13% | 343 50 1270 | 57 1448 164 74 |
| M-1-XR65T6BN | 50 64 | 246 70 | 65,000 102 19.1 57 68 257 | 64% 1638 | 22 559 | 4 102 | 54% 1378 | 14 358 14% | 362 54% 1378 | 62% 1588 202 92 |
| M-2-XR75S6BN | 62 66 | 284 77 | 76,000 119 22.2 65 78 295 | 68% 1519 | 26 660 | 4 102 | 53 1248 | 16 406 17% | 451 53 1346 | 61% 1569 282 127 |

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*(Note: M-1-XR403S water connections are on 8” centers, all other models are 11” centers)*