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 supersedes all state and local efficiency requirements.

1" Non-CFC foam insulation—surrounds the tank surface, saving energy by retarding loss of heat.

Closed combustion—all air for combustion is taken directly from the outside. The co-axial vent pipe (pipe inside a pipe) draws combustion air in through the outer pipe (6"), and exhausts the products of combustion through the inner pipe (4").

Co-axial—rotational venting at top of unit.

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.

No electrical power necessary.

Piezo igniter—for ease of lighting the pilot.

Vitraglas® lined tank—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 water heater tanks.

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.

Protective magnesium anode rod—provides added protection against corrosion for long trouble-free service.

Brass drain valve.

T&P relief valve—included.

Side Tappings—for space heating purposes.


Optional vent kits—allow for up to 8 foot max vertical and 8 foot max horizontal (2.4 meters). All DH-1 models must be terminated horizontally.

Six or ten year limited warranty on steel tank—heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.

Six year limited warranty on parts.

Design certified by CSA International. (formerly AGA and CGA)
The standard vent kit (239-42979-00) is ordered and shipped separately. The components are as follows: 4" vent tube, 6" Air Intake Tube, Vent Terminal, Inner Wall Term Mounting Flange, Outer Wall Term, Mounting Flange, Vent Terminal Hardware, RTV Silicone Sealant, 4" Vent Elbow and a 6" Air Intake Elbow. The vent tube and air intake tube telescopes from 13 3/4" to 23 11/16".

### Energy Saver Direct Vent Models

**CEC listed. 78% Recovery Efficiency for all models.**

<table>
<thead>
<tr>
<th>NATURAL GAS</th>
<th>C</th>
<th>G</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPH Rec. 50°C/90°F Rise</td>
<td>Ht. to Center Line of Vent in mm</td>
<td>Ht. to Top of Heater in mm</td>
<td>Space Htg. Inlet in mm</td>
<td>Space Htg. Outlet in mm</td>
<td>Htg. to Gas Conn. in mm</td>
<td>Htg. to T&amp;P Conn. in mm</td>
</tr>
<tr>
<td>Model Number</td>
<td>Imp. Gal.</td>
<td>Gas Cap.</td>
<td>Liters</td>
<td>KW</td>
<td>US GPH</td>
<td>LPH</td>
</tr>
<tr>
<td>DH1-504TBH</td>
<td>40</td>
<td>48</td>
<td>182</td>
<td>50,000</td>
<td>14.7</td>
<td>43</td>
</tr>
<tr>
<td>DH1-65TBH</td>
<td>54</td>
<td>65</td>
<td>246</td>
<td>56,000</td>
<td>16.1</td>
<td>47</td>
</tr>
<tr>
<td>DH1-75TBH</td>
<td>62</td>
<td>72</td>
<td>284</td>
<td>60,000</td>
<td>17.6</td>
<td>51</td>
</tr>
</tbody>
</table>

* (2) = Order two of the kits referenced.
* (3) = Order three of the kits referenced.

The bold text above show what kit(s) are needed in addition to the standard vent and air intake tubes. If the standard vent and air intake tubes are not used in the venting system (those that do not have bold text) they can be discarded or saved.

For vent distances not found in the selection chart above, please contact the Product Management Department for sizing recommendations.

### Optional Kits:

**Part Number**  **Description**

243-42516-00  Kit F – Telescopes from 4" to 5 3/4"

243-42517-00  Kit G – Telescopes from 6" to 9"

243-42514-00  Kit H – Telescopes from 13" to 23 1/8"

243-42512-00  Kit I – Telescopes from 49 3/8" to 95 3/8"

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

All propane gas heaters are equipped with Cast Iron Burner. Change suffix "BN" to "CX".

### Suitable for Water (Potable) Heating and Space Heating

### 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 on 11" (76mm) centers on top of unit, all gas connections 3/4" (13mm). All models design certified by CSA International (formerly AGA and CGA). Recovery based on rated efficiency.

### Meets NAЕCA requirements. All natural gas models meet SCAQMD requirements.

**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. See complete copy of the warranty included with this product. Indicated warranties apply to USA, Canada and Puerto Rico installations.

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For Everything Hot Water®

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