EFFEX® HIGH EFFICIENCY ATMOSPHERIC VENT

PRESSURIZED COMBUSTION SYSTEM
Exclusive and patented pressurized combustion chamber with an advanced air intake blower delivers superior efficiency. Much like a turbocharger, the blower distributes an optimum air-to-gas mixture pushing exhaust gases through the highly restricted flue baffle. The end result is the most efficient atmospheric gas product on the market with a .70 Energy Factor (EF).

INSTALLATION FRIENDLY
- Allows for easy replacement of standard atmospheric vent heaters.
- Easily connects to existing B-vent.

FAN-ASSISTED, CATEGORY 1 APPLIANCE
- Plugs into standard 110/120V outlet (10 foot power cord included).

24V ELECTRONIC CONTROLS
- Tighter differential for more consistent hot water delivery.

ELECTRONIC IGNITION
- The durable hot surface ignitor eliminates pilot relight issues (no standing pilot).

LCD USER INTERFACE
- Easy-to-read, eye level display. Simple temperature settings and adjustments. Service diagnostics are in plain text.

POWERED ANODE ROD
- Powered anodes are non-sacrificial, so they do not deplete over time. Additionally, they provide exceptional performance in all water conditions.

MEETS ENERGY EFFICIENCY REQUIREMENTS FOR MOST GAS UTILITY REBATE PROGRAMS AND IS ENERGY STAR® QUALIFIED

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

DYNACLEAN™ DIFFUSER DIP TUBE
- Helps reduce lime and sediment buildup, maximizes hot water output.
- Made from long-lasting PEX cross-linked polymer.

GREEN CHOICE® GAS BURNER
- Patented “Eco-Friendly” Green Choice® gas burner reduces NOx emissions by 33% compared to standard burners and meets low NOx requirements of less than 40ng/j.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE: UBC, CEC, SBCC, CABO, HUD, BOCA NATIONAL CODES, CURRENT EDITION ASHRAE/IESNA 90.1 AND 2004 NAECA STANDARDS

DESIGN-CERTIFIED BY CSA INTERNATIONAL
- According to ANSI Z21.10.1 - CSA 4.1 Standards governing storage-type water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to hotwater.com
### Residential Gas Water Heaters

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Gallon Capacity</th>
<th>First Hour Rating Gallons</th>
<th>Energy Factor (EF)</th>
<th>BTU Input Gallon Per Hour</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Foam Thickness</th>
<th>Dimensions in Inches</th>
<th>Draft Hood</th>
<th>Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAHH-40</td>
<td>40</td>
<td>70</td>
<td>0.70</td>
<td>40,000</td>
<td>43</td>
<td>2</td>
<td>61-3/4 58 20 13-1/4 8 51-1/2 23-1/4 25 3 or 4</td>
<td>157</td>
<td></td>
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<tr>
<td>GAHH-50</td>
<td>50</td>
<td>81</td>
<td>0.70</td>
<td>40,000</td>
<td>43</td>
<td>2</td>
<td>60-5/8 57-1/8 22 13-1/4 8 50-1/2 25-1/4 27 3 or 4</td>
<td>171</td>
<td></td>
</tr>
</tbody>
</table>

All dimension in inches.
For Canadian models add T25 SMR, i.e. GAHH-40-T25.
Recovery capacity based on actual performance tests.
Water Connections – 3/4” on all models.
Not available in LP gas (Propane).
All models are certified from sea level to 10,100 ft. elevations.

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**For technical information call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.**

For detailed diagrams showing the components of the water heaters, refer to the illustrations provided.