DESIGNED FOR PERFORMANCE

- Thermopile design provides robust pilot to withstand down drafts and environmental conditions
- LED indicator:
  - Gives visual confirmation that pilot is on by flashing continuously
  - Provides diagnostics and troubleshooting
- Easy temperature adjustments
- Direct vent design means no external power supply or chimney required for operation/installation
- 90” Coaxial vent supplied with water heater
- Top mounted heavy duty anode rod for added tank protection
- Glass-lined tank for longer life
- Factory-installed plastic-lined nipples with heat traps
- CFC-free foam insulation
- Suitable for closet installations due to direct vent design not requiring an external power supply
- 3/4” side taps available on 50 gallon high input model for combination applications

KEEPING YOU SAFE

- Sealed combustion chamber design, eliminating the need for Flammable Vapour sensor

EASY TO INSTALL AND REPAIR

- Combustion chamber is easy to access
- Conveniently located T&P and drain valve for ease of installation and maintenance

LIMITED TANK AND PARTS WARRANTY

- Consult written warranty on the back of this sheet, with documentation included with water heater or contact GSW for complete warranty information.
PERFORMANCE

<table>
<thead>
<tr>
<th>Tank Warranty**</th>
<th>Model</th>
<th>Series</th>
<th>Capacity</th>
<th>Input</th>
<th>Maximum Certified Altitude</th>
<th>Recovery Rate at 90°F Temperature Rise</th>
<th>First Hour Rating</th>
<th>Energy Factor</th>
<th>BC Compliant</th>
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</thead>
<tbody>
<tr>
<td>Years</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>6</td>
<td>G640S38NDV</td>
<td>300/301</td>
<td>40 (151)</td>
<td>38,000</td>
<td>7,700 (2,347)</td>
<td>42 (159)</td>
<td>72 (273)</td>
<td>0.63</td>
<td>✓</td>
</tr>
<tr>
<td>6</td>
<td>G650T40NDV</td>
<td>300/301</td>
<td>50 (189)</td>
<td>40,000</td>
<td>7,700 (2,347)</td>
<td>43 (163)</td>
<td>91 (344)</td>
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<tr>
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<td>G650T47NDV*</td>
<td>300/301</td>
<td>50 (189)</td>
<td>47,000</td>
<td>7,700 (2,347)</td>
<td>51 (193)</td>
<td>92 (348)</td>
<td>0.61</td>
<td>✓</td>
</tr>
</tbody>
</table>

For Propane models sub N with P. Natural gas models are series 300. Propane models are series 301.

*Model has side connections.

**In Residential applications. Reduced warranty in Commercial applications. Parts warranted for 1 year.

DIMENSIONS & SHIPPING WEIGHT

| Model         | Height to Center of Vent A IN (CM) | Height to Top of Flue Outlet B IN (CM) | Height to Top of Air Box C IN (CM) | Height to Top of Heater D IN (CM) | Diameter E IN (CM) | Overall Depth F IN (CM) | Height to Drain G IN (CM) | Height to Gas Inlet H IN (CM) | Height to T&P I IN (CM) | Height to Side Tap (Hot Out) J IN (CM) | Height to Side Tap (Cold In) J IN (CM) | Shipping Weight LB (KG) |
|---------------|-----------------------------------|---------------------------------------|-----------------------------------|----------------------------------|-------------------|-------------------------|--------------------------|-----------------------------|-------------------|------------------------------------------|-----------------------------------|----------------|--------|
| G640S38NDV    | 64 (163)                          | 54 ¾ (138)                            | 52 ¾ (133)                        | 49 ¾ (126)                      | 22 (56)           | 29 (74)                  | 10 ¼ (27)                | 13 ¼ (34)                    | 42 ¾ (108)        | N/A                                      | N/A                              | 178 (81)         |
| G650T40NDV    | 73 (185)                          | 63 ¾ (162)                            | 61 ¾ (157)                        | 58 ¾ (150)                      | 22 (56)           | 29 (74)                  | 10 ¼ (27)                | 13 ¼ (34)                    | 51 ¾ (131)        | N/A                                      | N/A                              | 200 (91)         |
| G650T47NDV*   | 74 (188)                          | 64 ¾ (164)                            | 62 ¾ (160)                        | 60 (152)                        | 22 (56)           | 29 (74)                  | 10 ¼ (27)                | 13 ¼ (34)                    | 52 ¾ (134)        | 52 ¾ (134)                                | 15 ¼ (39)                        | 215 (98)         |

PREFERRED INSTALLATION

VENT LENGTHS

Refer to the installation manual for complete installation and venting requirements.