Model NR98(GQ-2857WX US) Series
Residential Tankless Water Heater
Specification Sheet

- **Standard Input** - Gas consumption ranges from 16,000 BTU/h to 199,900 BTU/h
- **Capacity Range** - Flow rates from 0.5 gpm up to 9.8 gpm
- **Compact Design** - ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted indoors (-SV and -DVC models only) or installed outdoors with an -OD model
- **Durable Steel Casing with Polyester Coating**
- **Heat Exchanger** - Manufactured with commercial grade copper, 25% thicker piping than standard models
- **Venting Options** - Available in Power Vent (-SV), Outdoor (-OD), or Concentric Direct Vent (-DVC) model that requires either 4" Category III or 5"/3" Noritz concentric stainless steel pipe
- **Direct Electronic Ignition**
- **Quick-Connect** - Two identical units can be linked together by using the optional Quick Connect Cord for twice the hot water capacity
- **Uniform Energy Factor (UEF)** - 0.81 (NG) / 0.81 (LP) for DVC
  - 0.81 (NG) / 0.81 (LP) for OD
  - 0.81 (NG) / 0.81 (LP) for SV
- **Temperature Controls** - Includes remote thermostat that can precisely adjust the output temperature from 100°F to 140°F
- **Power Cord Installation Kit** - 6' power cord is included with -SV and -DVC models (assembly required for SV models)
- **Safety Devices** - Flame Sensor, Overheat Prevention Device, Lightning Protection Device, Freeze Protection
- **Additional Features** - Temperature Lockout, High Elevation Adjustment, New Scale Detection Function
- **12-Year** Limited Heat Exchanger Warranty for Residential Use
- **5-Year Limited Parts Warranty**
- **1-Year Reasonable Labor**
- **Approvals** - CSA, UPC**, NSF, Low NOx Approved by SCAQMD [<14ng/J or 20ppm]
  Suitable for Installation in a Manufactured (Mobile) Home***

---

*Low-Lead
**This product complies with California AB 1953 Low Lead Law and Section 1417(d) of the Safe Drinking Water Act
***Manufactured (Mobile) Home approval is valid for OD or DVC models only

---

NORITZ AMERICA CORPORATION
11160 Grace Avenue, Fountain Valley, CA 92708 Tel. 1-866-7NORITZ www.noritz.com
**Specifications**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>NR98SV (GQ-2857WX-F US)</th>
<th>NR98OD (GQ-2857WX US)</th>
<th>NR98DVC (GQ-2857WX-FFA US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>54 (pounds)</td>
<td>58 (pounds)</td>
<td></td>
</tr>
<tr>
<td>Water Holding Capacity</td>
<td></td>
<td>0.2 Gallon</td>
<td></td>
</tr>
<tr>
<td>Connection Sizes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Inlet</td>
<td>3/4&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hot Water Outlet</td>
<td>3/4&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas Inlet</td>
<td>3/4&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>120VAC (60Hz), less than 2 amperes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freeze Protection</td>
<td>Indoor: -30°F</td>
<td>Outdoor: -4°F</td>
<td>Outdoor: -4°F</td>
</tr>
<tr>
<td>Temperature Settings</td>
<td>100-140°F (in 5°F intervals), (9 Options)</td>
<td>37-48°C (In 1°C intervals), 50, 55, 60°C (In 5°C intervals) (15 Options)</td>
<td>120°F (50°C), 125°F (52°C), 130°F (54°C), 140°F (60°C) (Original is 120°F (50°C))</td>
</tr>
</tbody>
</table>

**Flow Rates**

<table>
<thead>
<tr>
<th>Temperature Rise (°F)</th>
<th>30</th>
<th>40</th>
<th>45</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate (GPM)</td>
<td>9.8</td>
<td>8.4</td>
<td>7.5</td>
<td>6.7</td>
<td>5.6</td>
<td>4.8</td>
<td>4.2</td>
<td>3.7</td>
<td>3.4</td>
</tr>
</tbody>
</table>

For peak flow rates in shaded areas, contact Noritz for proper setting.

**Pressure Loss**

- Bypass Flow Control Valve Open
  - Set temperature: 125°F or higher (Storage Tank Setting W/ System Controller: 170-185°F)
- Bypass Flow Control Valve Close
  - Set temperature: 120°F or less (Storage Tank Setting W/ System Controller: 160°F or less)

Noritz America reserves the right to discontinue, or change at any time, the designs and/or specifications of its products without notice.

Rev. 01/2018