Model NRC711 Series
Residential Condensing Tankless Water Heater
Specification Sheet

- **Standard Input** - gas consumption ranges from 15,000 BTU/h to 157,000 BTU/h
- **Capacity Range** - flow rates from 0.5 gpm up to 7.1 gpm
- **Compact Design** - ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted indoors or outdoors
- **Durable Steel Casing with Polyester Coating**

- **Venting Options** - available as an Outdoor (requires no venting) or indoor Direct Vent (-DV) model which includes special plastic flue adapters that are compatible with both 3” Schedule 40 and 80 PVC/CPVC pipe. The DV model can also be converted to a non-direct vent (SV) model with the use of a Conversion Kit (#SV-CK-3)
- **Direct Electronic Ignition**
- **Uniform Energy Factor (UEF)** - 0.89 (NG) / 0.89 (LP) DV, 0.89 (NG) / 0.89 (LP) OD
- **Thermal Efficiency** - fully condensing, 93% efficient for use with natural gas or propane
- **Temperature Controls** - includes built in display that can preset the output temperature to either 120°F, 130°F, 135°F, or 140°F
- **Power Cord Installation Kit** - 6’ power cord is included with -DV models only
- **Safety Devices** - Flame Rod, Thermal Fuse, Lightning Protection Device (ZNR), Overheat Prevention Device, Freezing Prevention Device, Fan Rotation Detector
- **Additional Features** - Temperature Lockout, High Elevation Adjustment
- **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]

* Heat Exchanger warranty is maintained at 12 years or 6500 operational hours, whichever occurs first, when used in a single family dwelling in conjunction with a controlled recirculation system (an aquastat being the minimum pump control requirement) in accordance with the Installation Manual. Refer to the Noritz Limited Warranty for complete coverage details

** This product complies with California AB 1953 Low Lead Law and Section 1417(d) of the Safe Drinking Water Act

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Model
NRC711 - _____
- OD (Outdoor Vent)
- DV (Direct Vent)

Accessories
- Horizontal Hood Termination (#PVT-HL)
- 3” PVC Termination (#VK3-H-PVC)
- Birdscreen for 3” PVC/CPVC (#VT3-PVCS)
- Condensate Neutralizer (#NC-1)
- Isolation Valves (#IK-WV-200-1(-LF))
- SV Conversion Kit (#SV-CK-3)
- Outdoor Recess Box (#RB-S10)
- Remote Controller (#RC-7651M)
- Remote Controller Cord (#RC-CORD10)
- Remote Controller Cord (#RC-CORD26)
- Pipe Cover (#PC-1S)
**Specifications**

- **Model Name**: NRC711-OD
- **Weight**: 40 (pounds) 41 (pounds)
- **Water Holding Capacity**: 0.2 Gallon (0.9 L)
- **Connection Sizes**
  - Water Inlet: 3/4"
  - Hot Water Outlet: 3/4"
  - Gas Inlet: 3/4"
  - Condensate Drain: 1/2"
- **Power Supply**: 120VAC (60Hz), less than 4 amperes
- **Consumption**
  - NG: 52W LP: 53W Freeze Prevention 139W
  - NG: 71W LP: 72W Freeze Prevention 138W
- **Freeze Protection**
  - Outdoor: -4°F
  - Indoor: 30°F
- **Temperature Settings with Optional Remote Controller**
  - °F Mode: 115-140°F (in 5°F intervals) (6 Options)
  - °C Mode: 46-60°C (in 1°C intervals), 50, 55, 60°C (in 5°C intervals) (6 Options)
- **Default Temperature Options**
  - °F Mode: 120, 130, 135, 140°F (Default is 120°F)
  - °C Mode: 50, 54, 57, 60°C (Default is 50°C)

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**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>7.1</td>
<td>7.1</td>
<td>6.5</td>
<td>5.8</td>
<td>4.9</td>
<td>4.2</td>
<td>3.7</td>
<td>3.2</td>
<td>2.9</td>
</tr>
</tbody>
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**Pressure Loss Characteristics**

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

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