

Model NRC661 Series Residential Condensing Tankless Water Heater **Specification Sheet**

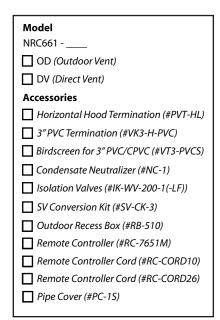
- Standard Input gas consumption ranges from 15,000 BTUh to 120,000 BTUh
- Capacity Range flow rates from 0.5 gpm up to 6.6 gpm
- Compact Design ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted indoors or outdoors
- Durable Steel Casing with Polyester Coating
- Venting Options available 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
- Energy Factor 0.91 (NG) 0.93 (LP)
- 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, 135°F, or 140°F
- Power Cord Installation Kit 6' power cord is included with -DV models only
- Safety Devices Flame Sensor, Overheat Prevention Device, Lightning Protection Device, Freeze Protection, Condensate Overfill, Fan Rotation Detector
- Additional Features Temperature Lockout, High Elevation Adjustment
- 12-Year* Limited Heat Exchanger Warranty for Residential Use
- 5-Year Limited Parts Warranty
- Approvals CSA, UPC**, NSF, Low NOx Approved by SCAQMD [<14ng/J or 20ppm]





OD Model

DV Model









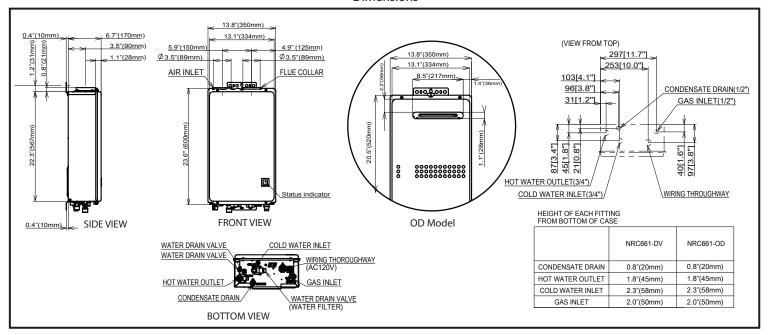




^{*} Heat Exchanger warranty is maintained at 12 years or 6500 operational hours, whichever occurs first, when used in a single family dwelling in conjunction with a controlled recirculation system (an aquastat being the minimum pump control requirement) in accordance with the Installation Manual. Refer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

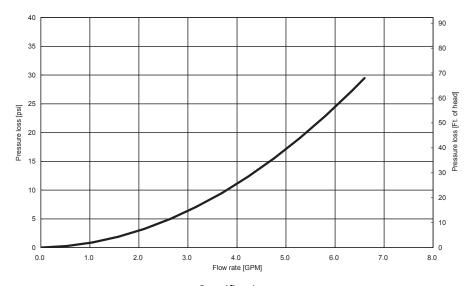
Dimensions



Flow Rates

| Temperature Rise (°F) | 30 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Flow Rate (GPM) | 6.6 | 5.8 | 5.3 | 4.6 | 3.8 | 3.3 | 2.9 | 2.6 | 2.3 |

Pressure Loss Characteristics



Specifications

| Model Name | | | NRC661-OD | NRC661-DV | | | |
|-----------------------------|------------------|---------|--|--|--|--|--|
| Weight | | | 36 (pounds) | 38 (pounds) | | | |
| Water Holding Capacity | | | 0.2 Gallon (0.9 L) | | | | |
| C + i | Water Inlet | | 3/4" | | | | |
| Connection Sizes | Hot Water Outlet | | 3/4" | | | | |
| | Gas Inlet | | 1/2" | | | | |
| | Condensate Drain | | 1/2" | | | | |
| Power | Supply | | 120VAC (60Hz), less than 4 amperes | | | | |
| | Consumption | | NG: 43W LP: 42W Freeze Prevention 139W | NG: 54W LP: 56W Freeze Prevention 138W | | | |
| Freeze Protection | | | Outdoor: -4°F | Indoor: -30°F | | | |
| Temperature Settings with | | °F Mode | 100-140°F (In 5°F intervals) (9 Options) | | | | |
| Optional Ren | note Controller | °C Mode | 37-48°C (In 1°C intervals), 50, 55, 60°C (In 5°C intervals) (15 Options) | | | | |
| Default Temperature Options | | °F Mode | 120, 135, 140°F (Default is 120°F) | | | | |
| | | °C Mode | 50, 57, 60°C (Default is 50°C) | | | | |