

# Model NR501 Series Residential Tankless Water Heater Specification Sheet

- **Standard Input** - gas consumption ranges from 15,000 BTU/h to 120,000 BTU/h
- **Capacity Range** - flow rates from 0.5 gpm up to 5.0 gpm
- **Compact Design** - ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted outdoors.
- **Durable Steel Casing with Polyester Coating**
- **No venting Required** - Outdoor (-OD) model does not require any additional vent pieces
- **Energy Factor** - 0.86 (NG) 0.85 (LP)
- **Thermal Efficiency** - 84% efficient for use with natural gas or propane
- **Temperature Controls** - includes 120°F (default), 130°F, 135°F, or 140°F standard temperature settings\*
- **Safety Devices** - Flame Sensor, Overheat Prevention Device, Lightning Protection Device, Freeze Protection, Fan Rotation Detector
- **Additional Features** - Temperature Lockout, High Elevation Adjustment, Built-in display window
- **12-Year\*\* Limited Heat Exchanger Warranty for Residential Use**
- **5-Year Limited Parts Warranty**
- **1-Year Reasonable Labor Warranty**
- **Approvals** - CSA (US Only), UPC\*\*\*, NSF, Low NOx - Complies with SCAQMD Rule 1146.2 (14 ng/J or 20 ppm) low NOx regulations.



OD Model

<p><b>Model</b> NR501 - OD</p>
<p><b>Accessories</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Isolation Valves (#IK-WV-200-1(-LF))</li> <li><input type="checkbox"/> Outdoor Recess Box (#RB-510)</li> <li><input type="checkbox"/> Remote Controller (#RC-7651M)</li> <li><input type="checkbox"/> Remote Controller Cord (#RC-CORD10)</li> <li><input type="checkbox"/> Remote Controller Cord (#RC-CORD26)</li> <li><input type="checkbox"/> Pipe Cover (#PC-1S)</li> </ul>

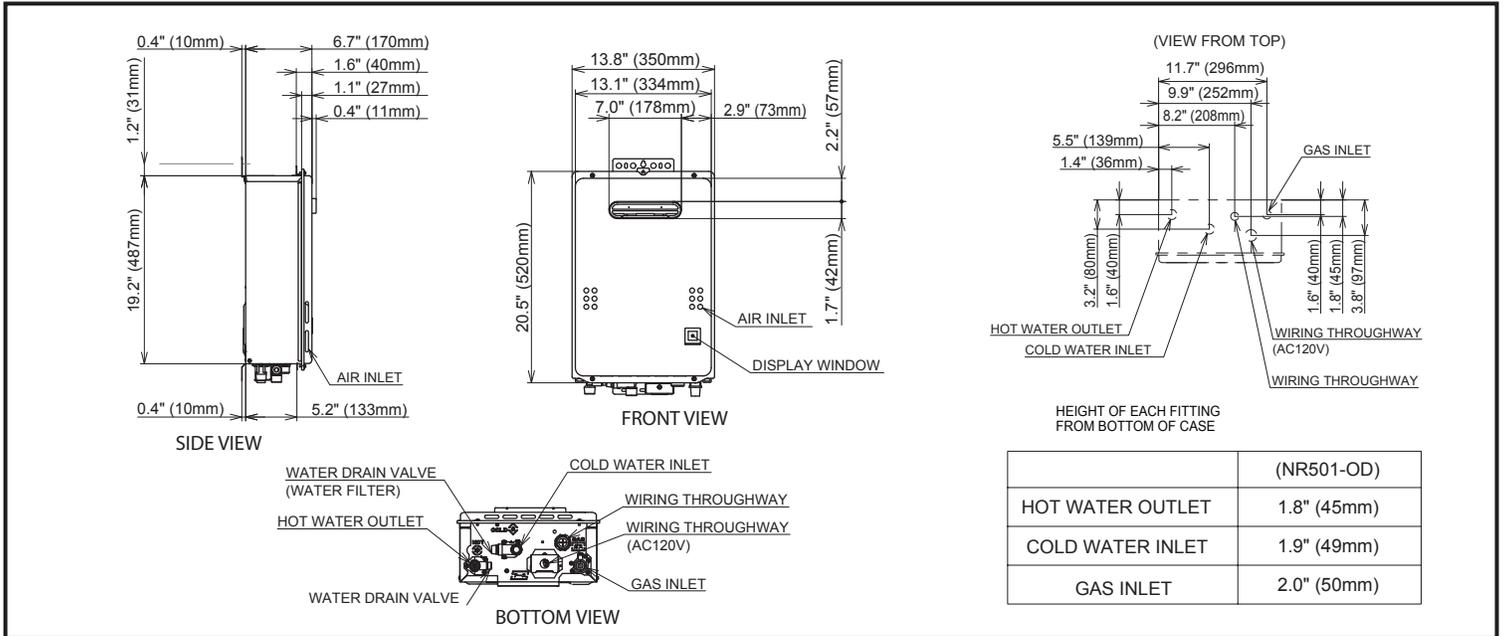


\* Optional remote thermostat can adjust temperature from 115°F-160°F in 5°F intervals

\*\* 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

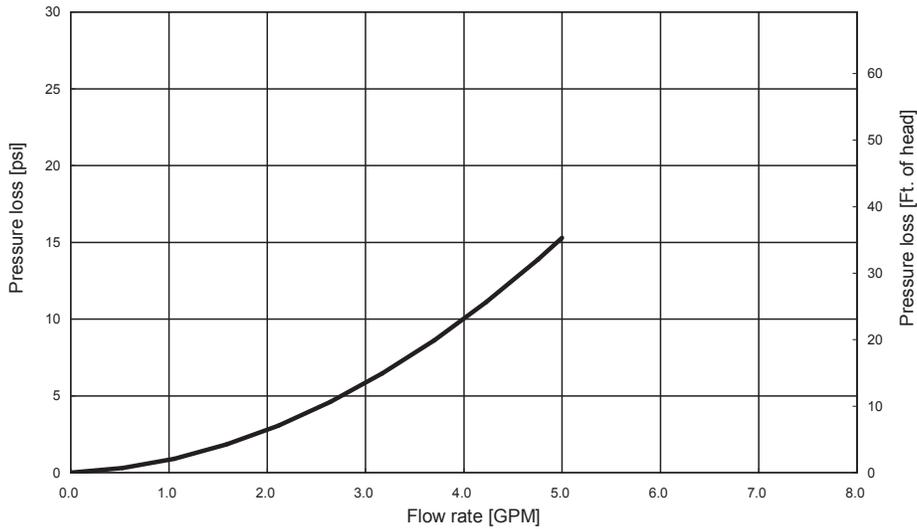
## Dimensions



## Flow Rates

Temperature Rise (°F)	30	40	45	50	60	70	80	90	100
Flow Rate (GPM)	5.0	5.0	4.2	3.9	3.3	2.8	2.5	2.2	2.0

## Pressure Loss Characteristics



## Specifications

Model Name		NR501-OD
Weight		32 (pounds)
Water Holding Capacity		0.15 Gallon (0.5 L)
Connection Sizes	Water Inlet	3/4"
	Hot Water Outlet	3/4"
	Gas Inlet	1/2"
Power	Supply	120VAC (60Hz), less than 4 amperes
	Consumption	NG: 35W LP: 38W Freeze Prevention 138W
Freeze Protection		Outdoor: -4°F
Temperature Settings with Optional Remote Controller	°F Mode	115-140°F (In 5°F intervals) (6 Options)
	°C Mode	46-48°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)