



# Model NR501 Series

## Residential 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 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, Lighting 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 Standard 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 20ppm) low NOx regulations.



OD Model

**Model**  
NR501 - OD

**Accessories**

- Isolation Valves (#IK-WV-200-1(-LF))
- Outdoor Recess Box (#RB-510)
- Remote Controller (#RC-7651M)
- Remote Controller Cord (#RC-CORD10)
- Remote Controller Cord (#RC-CORD26)
- Pipe Cover (#PC-1S)

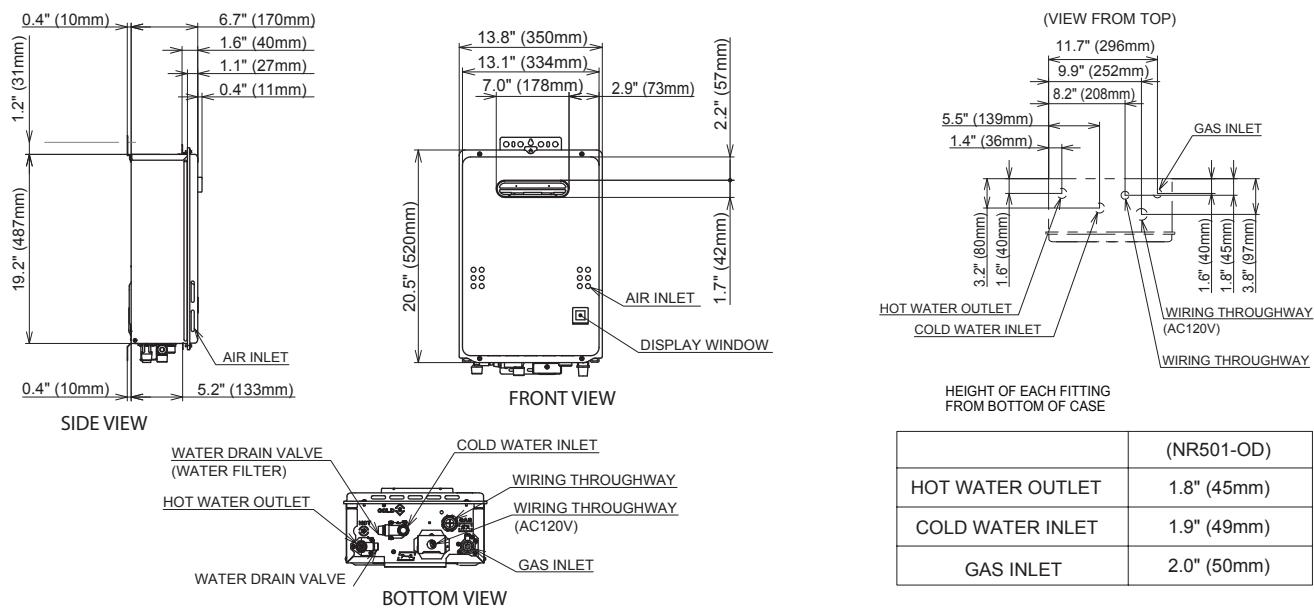


\*Optional remote thermostat can adjust temperature from 115°F - 160°F in 5°F intervals

\*\*12 Years replacement on the heat exchanger when the product is used in a single family dwelling. 3 Years replacement on heat exchanger when the product is used for commercial capacity, if it is used in other than a single family dwelling, or if the product is supplied with pre-heated or circulated water (an aquastat being the minimum pump control requirement). 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.

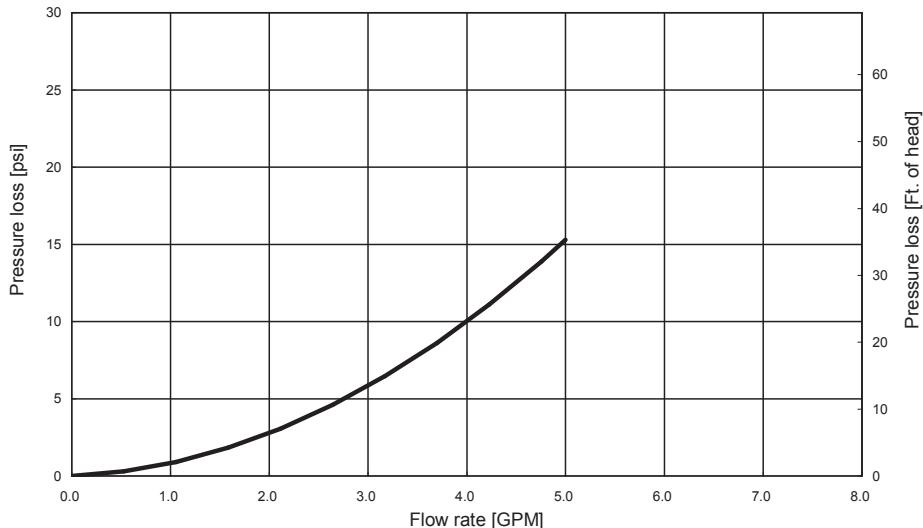
## Dimensions



## 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)