

# 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 - 0.92 (NG) 0.92 (LP) DV  
0.94 (NG) 0.94 (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 [ $<14\text{ng/J}$  or  $20\text{ppm}$ ]



OD Model

DV Model

#### 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-510)

☐ Remote Controller (#RC-7651M)

☐ Remote Controller Cord (#RC-CORD10)

☐ Remote Controller Cord (#RC-CORD26)

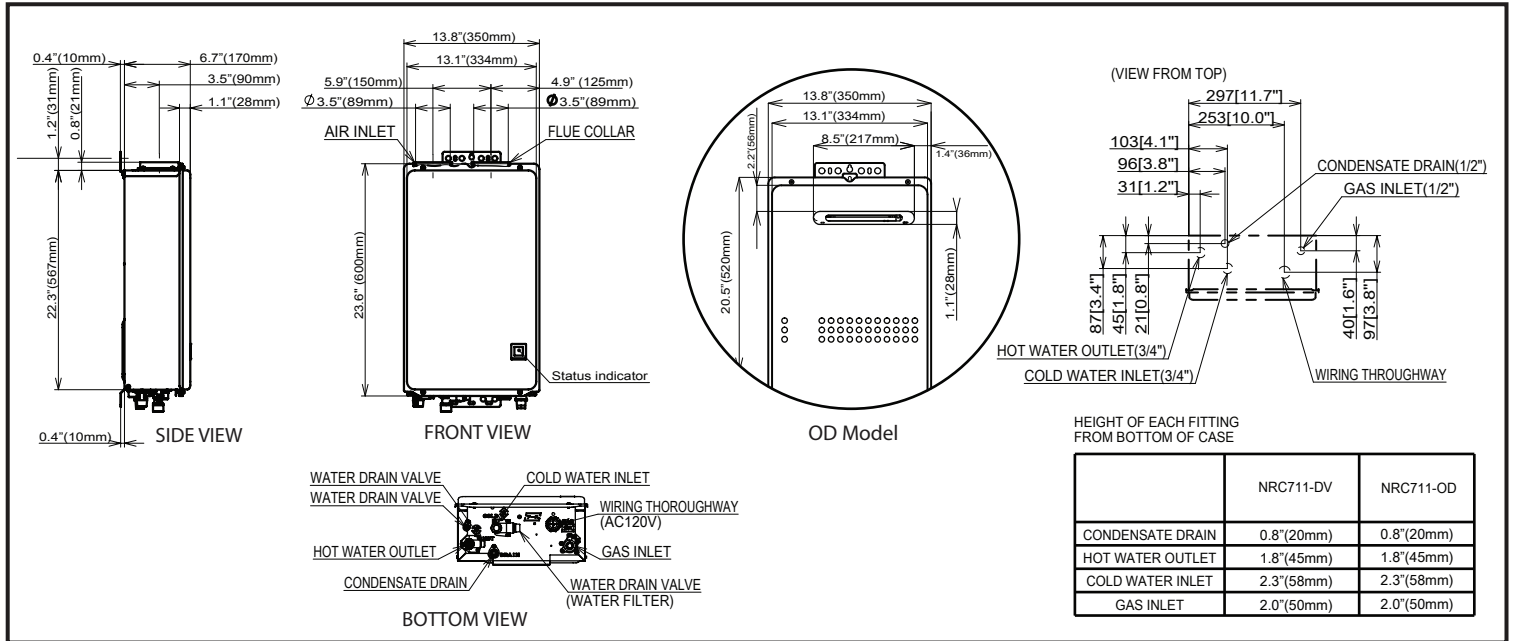
☐ Pipe Cover (#PC-15)



\* 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

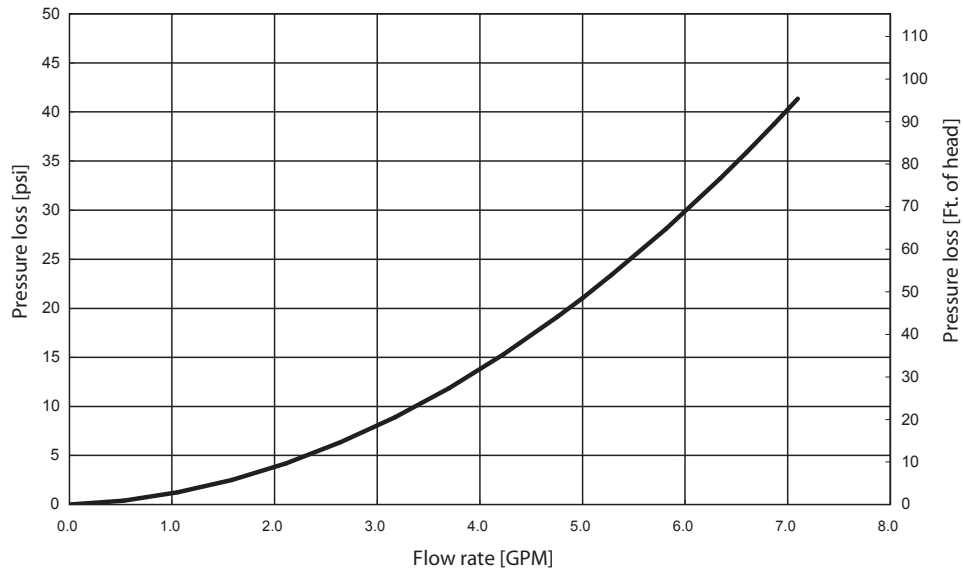
## Dimensions



## Flow Rates

Temperature Rise (°F)	30	40	45	50	60	70	80	90	100
Flow Rate (GPM)	7.1	7.1	6.5	5.8	4.9	4.2	3.7	3.2	2.9

## Pressure Loss Characteristics



## Specifications

Model Name		NRC711-OD	NRC711-DV
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	46-48°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)	