

# Model NRC98(GQ-C2857WS US) Series Residential Condensing Tankless Water Heater Specification Sheet

• **Standard Input** - Gas consumption ranges from 16,000 BTU/h to 180,000 BTU/h

• **Capacity Range** - Flow rates from 0.5 gpm up to 9.8 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**

• **Heat Exchanger** - Manufactured with commercial grade copper, 25% thicker piping than standard models

• **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" or 4" 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**

• **Quick-Connect** - Two identical units can be linked together by using the optional Quick Connect Cord (#QC-2) for twice the hot water capacity

• **Uniform Energy Factor (UEF)** - 0.92 (NG) / 0.92 (LP) OD  
0.90 (NG) / 0.90 (LP) DV

• **Temperature Controls** - Includes remote thermostat that can precisely adjust the output temperature from 115°F to 140°F with the capability to display temperatures in both °C and °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 Overflow

• **Additional Features** - Temperature Lockout, High Elevation Adjustment, Condensate Overflow Monitoring System, Service Reminder Function, New Scale Detection Function

• **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 20ppm]



OD Model

DV Model

**Model**

NRC98\_\_\_\_

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)

Birdscreen for 4" PVC/CPVC (#VT4-PVCS)

Condensate Neutralizer (#NC-1)

Isolation Valves (#IK-WV-200-1-(SW / TH)-LF)

Pipe Cover (#PC-3S)

Recess Box (#RB-900-1)

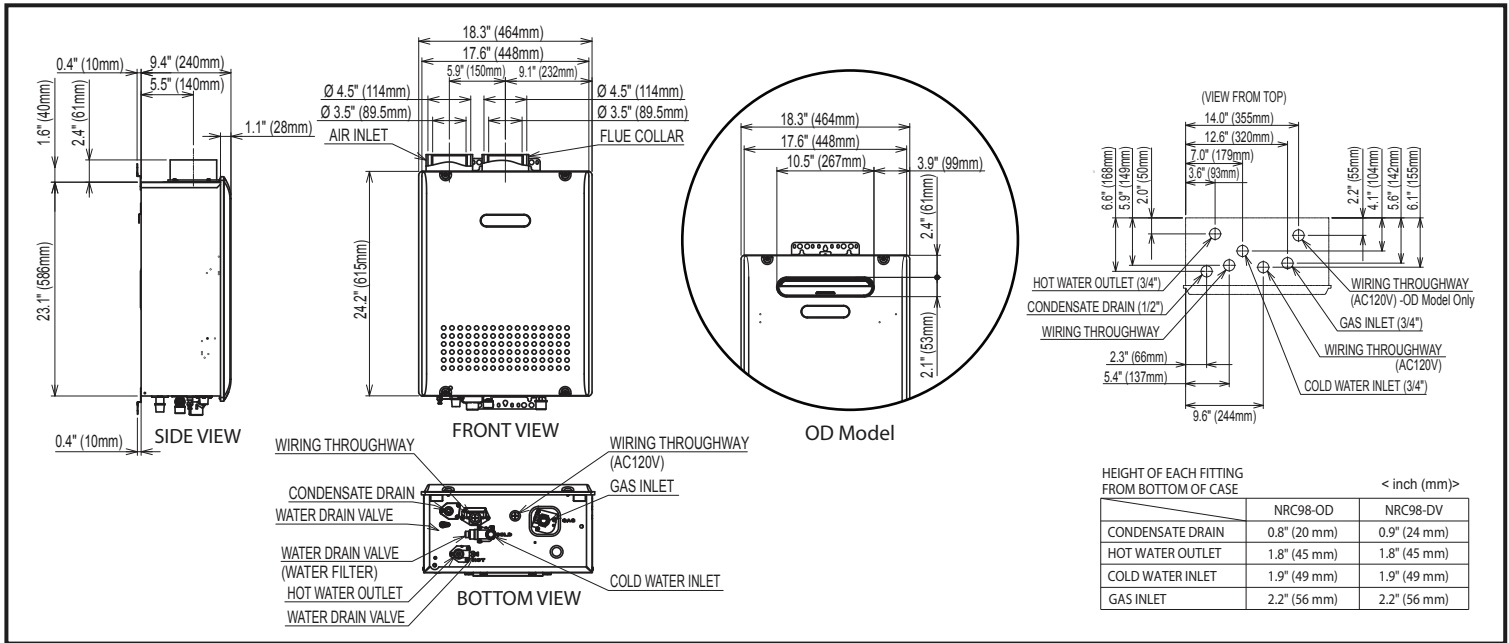
Quick Connect Cord (#QC-2)



\* 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

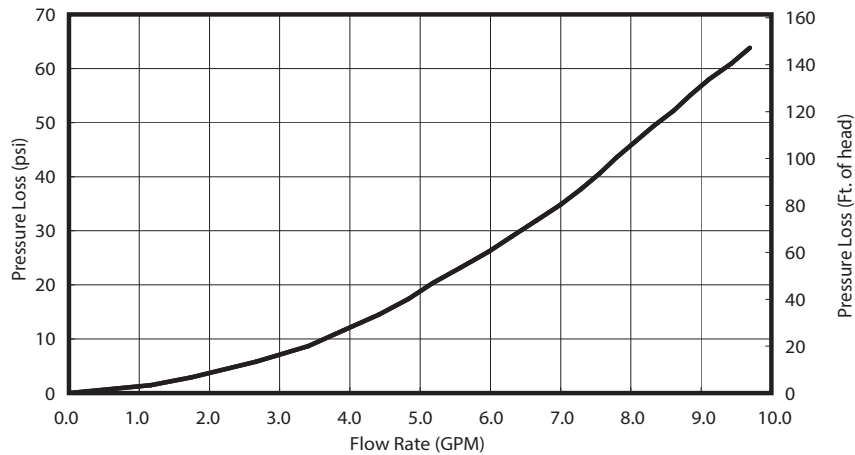
## Dimensions



## Flow Rates

Temperature Rise (°F)	30	40	45	50	60	70	80	90	100
Flow Rate (GPM)	9.8	8.4	7.5	6.7	5.6	4.8	4.2	3.7	3.4

## Pressure Loss



## Specifications

Model Name		NRC980D(GQ-C2857WS US)	NRC98DV(GQ-C2857WS-FF US)
Weight		57 (pounds)	58 (pounds)
Water Holding Capacity		0.5 Gallon (1.8 L)	0.5 Gallon (1.8 L)
Connection Sizes	Water Inlet	3/4"	3/4"
	Hot Water Outlet	3/4"	3/4"
	Gas Inlet	3/4"	3/4"
	Condensate Drain	1/2"	1/2"
Power	Supply	120VAC (60Hz), less than 4 amperes	
	Consumption	NG: 64W LP: 68W Freeze Prevention 203W	NG: 73W LP: 78W Freeze Prevention 213W
Freeze Protection		Outdoor: -4°F Indoor: -30°F	
Temperature Settings	°F Mode	115-140°F (In 5°F intervals) (6 Options)	
	°C Mode	46, 47, 48, 50, 55, 60°C (6 Options)	
Default Temperature Options	°F Mode	120, 125, 130, 140°F (Default is 120°F)	
	°C Mode	50, 52, 55, 60°C (Default is 50°C)	