NORITZ Model NR83OD (GQ-2457WS US) Series Model NR83DVC (GQ-2457WS-FFA US) Series **Residential Tankless Water Heater Specification Sheet**

- Standard Input Gasconsumption ranges from 18,000 BTUh to 180,000 BTUh
- Capacity Range Flow rates from 0.5 gpm up to 8.3 gpm
- Compact Design ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted indoors (-DVC models only) or installed outdoors (-OD model)
- Durable Steel Casing with Polyester Coating
- Heat Exchanger Manufactured with commercial grade copper, 25% thicker piping than standard models
- Venting Options Available in Outdoor (-OD), or Inside Model Direct Vent Concentric (-DVC) using 5"/3" Noritz stainless steel vent pipe
- Direct Electronic Ignition
- Quick-Connect Two identical units can be linked together by using the optional Quick Connect Cord for twice the hot water capacity

•Uniform Energy Factor (UEF) -0.81 (NG) / 0.81 (LP) for DVC 0.81 (NG) / 0.81 (LP) for OD

- Temperature Controls Includes remote thermostat that can precisely adjust the output temperature from 115°F to 140°F
- Power Cord Installation Kit 6' power cord is included with -DVC models (assembly required for -OD models)
- Safety Devices Flame Sensor, Overheat Prevention Device, Lightning Protection Device, Freeze Protection
- Additional Features Temperature Lockout, High Elevation Adjustment 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 [<14ng/J or 20ppm] Suitable for Installation in a Manufactured (Mobile) Home***



* 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

*** Manufactured (Mobile) Home approval is valid for OD or DVC models



Model NR83
🔲 OD (Outdoor Vent)
DVC (Concentric Direct Vent)
Accessories
Wireless Adapter (NWC-Adapter)
Isolator Valve (#IK-WV-200-1-(SW/TH)-LF)
Pipe Cover for OD Model (#PC-2S)
Pipe Cover for DVC Model (#PC-2S)
Recess Box for OD Model (#RB-700-1)
Quick Connect Cord (#QC-2)



Dimensions



F	low	Rates
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Temperature Rise (°F)	30	40	45	50	60	70	80	90	100
Flow Rate (GPM)	8.3	7.6	6.7	6.1	5.0	4.3	3.8	3.4	3.0

For peak flow rates in shaded areas, contact Noritz for proper setting



Pressure Loss

-	specifications
	NR830D (GO-24

Model Name			NR83OD (GQ-2457WS US) NR83DVC (GQ-2457WS-FFA US)			
Weight			49 (Pounds)			
Water Holdi	Water Holding Capacity		0.2 Gallons (0.95 L)			
Water Inlet			3/4"			
Sizes	Hot Water outlet		3/4"			
	Gas Inlet		3/4"			
Supply	Supply		120VAC (60Hz), Less than 2 amperes			
Power Consumption			(-DVC)NG:82W LP:90W (-OD)NG:67W LP:69W (W/T Freeze Prevention: 161			
Freeze Prevention			Indoor: -30°F(-DVC) Outdoor -4°F(-OD)			
Temperature Settings		F° Mode	115-140°F (In5°F Intervals)(6 Options)			
		C° Mode	46,47,48,50,55,60°C (6 Options)			
Default Temperature Options C° Mode		F° Mode	120,125,130,140°F (Default is 120°F)			
		C° Mode	50,52,55,60°C (Default is 50°C)			

Noritz America reserves the right to discontinue, or change at any time, the designs and/or specifications of its products without notice.