



2018 BUILDER'S GUIDE

VERSION 1.0

Temp Rise (°F)	NC380 Series	NCC300	NRC111 (NCC199) NRCP1112 NRCB199 EZ111	NRC98 NR98 (NC199) NRCP982 NRCB180 EZ98	NR83 Series	NRC71 Series	NRC66 NR66 EZTR40	NR50 Series	CB180	CB199
30	13.2	13.2	11.1	9.8	8.3	7.1	6.6	5.0	9.1	9.1
35	13.2	13.2	10.8	9.8	8.1	7.1	6.6	5.0	9.1	9.1
40	13.2	13.2	9.5	8.6	7.6	7.1	5.7	5.0	9.1	9.1
45	13.2	12.4	8.4	7.6	6.7	6.3	5.3	4.2	7.5	8.4
50	12.5	11.6	7.4	6.7	6.1	5.8	4.6	3.9	6.7	7.4
55	11.3	10.7	6.8	6.1	5.4	5.2	4.2	3.5	6.1	6.8
60	10.4	9.7	6.2	5.6	5.0	4.8	3.8	3.3	5.6	6.2
65	9.6	9.0	5.8	5.2	4.7	4.4	3.5	3.0	5.2	5.8
70	8.9	8.3	5.3	4.8	4.3	4.1	3.3	2.8	4.8	5.3
75	8.3	7.8	5.0	4.5	4.1	3.8	3.1	2.6	4.5	5.0
80	7.8	7.3	4.6	4.2	3.8	3.6	2.9	2.5	4.2	4.6
85	7.3	6.9	4.4	4.0	3.6	3.4	2.7	2.3	4.0	4.4
90	6.9	6.5	4.1	3.7	3.4	3.2	2.6	2.2	3.7	4.1
95	6.6	6.2	3.9	3.5	3.2	3.0	2.4	2.1	3.5	3.9
100	6.2	5.8	3.7	3.4	3.0	2.9	2.3	2.0	3.4	3.7

MODEL	SUMMER WATER SUPPLY (70°F)	WINTER WATER SUPPLY (45°F)
NC380, NCC300	5.3 SHOWERS AT 13.2 GPM	4.2 SHOWERS AT 10.4 GPM
NRC111, NCC199, NRCP1112, CB199, EZ111, NRCB199	4.1 SHOWERS AT 10.6 GPM	2.5 SHOWERS AT 6.2 GPM
NRC98, NR98, NC199, NRCP982, CB180, EZ98, NRCB180	3.7 SHOWERS AT 9.2 GPM	2.2 SHOWERS AT 5.6 GPM
NR83	3.3 SHOWERS AT 8.1 GPM	2.0 SHOWERS AT 5.0 GPM
NRC71	3.1 SHOWERS AT 7.8 GPM	2.0 SHOWERS AT 4.8 GPM
NRC66, EZTR40	2.6 SHOWERS AT 6.6 GPM	1.5 SHOWERS AT 3.8 GPM
NR50	2.0 SHOWERS AT 5.0 GPM	1 SHOWER AT 3.3 GPM

Assuming a standard 2.5 GPM shower head and 105°F output water temperature.

NC380, NC199 & NCC199 are commercial models.

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

VENT TYPE	RESIDENTIAL MODELS											COMMERCIAL MODELS						
	NR83	NR98		NRC66	NRC71	NRC98	NRC111	EZTR40	EZ98 EZ111	NRCP	CB180 NRCB180	CB199 NRCB199	NCC199		NC199	NCC300	NC380	
	DVC	DVC	SV	DV	DV	DV	DV	SVF	DV	DV	DV	DV	DV	CDV	DVC	DV	SV	
4" CAT III VENT			✓															
5" CAT III VENT																✓	✓	
CONCENTRIC SS VENT	✓	✓													✓			
2" Flex Pipe								✓	✓									
2" PVC VENT									✓	✓	✓	✓		✓				
3" PVC VENT				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓				
4" PVC VENT						✓	✓							✓			✓	

OD models do not require venting.

Add "-NG" or "-LP" to the end of the model number to specify gas type.

LOOKING FOR BIM DRAWINGS QUICK?
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LIST OF REVIT FILES AT YOUR FINGERTIPS



BUILD NORITZ INTO YOUR PROJECT

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BUILDING WITH NORITZ

Noritz prides itself in the highest quality of product and outstanding customer service that make doing business easier than ever before. Serving both homeowners & new construction users across the U.S. and Canada, Noritz America offers the most dynamic breadth of tankless gas water heaters to meet the varying needs of its broad base of consumers.

INDUSTRY LEADING EFFICIENCY FOR THE 21ST CENTURY



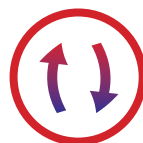
Because of the modulating technology, a Noritz system heats water using only the energy necessary to meet the demand, reducing energy consumption significantly and saving on water heating costs. Innovative technology gives us higher efficiency and allows Noritz to offer PVC vented units making installation even easier and lets you save on installation cost.

WIDEST RANGE OF PRODUCTS



Noritz offers three lines of hot water heaters to support a wide variety of customer needs. From family homes to luxury hotels, Noritz products can help provide you with heated water for any situation.

OPTIMAL RECIRCULATION



Meet your title 24 needs with Noritz's line of heaters with two recirculation modes. Check out our NRCs for more detail.

WHY BUILD WITH NORITZ?

When you partner with Noritz, you join our professional network in the sales and installation of Noritz tankless water heaters. As wholesalers, contractors and homebuilders, you are the face of Noritz to our valued homeowners and commercial water heater customers. Our goal is to empower you with the highest quality tankless hot water heaters available at superior value.



REDUCED OPERATION COST

Noritz tankless water heaters can help you save on your utilities expenses by limiting energy consumption.



WI-FI READY

Stay on top of your unit's daily operation with our wifi adapter which allows you to troubleshoot and schedule maintenance alerts using our Noritz App.

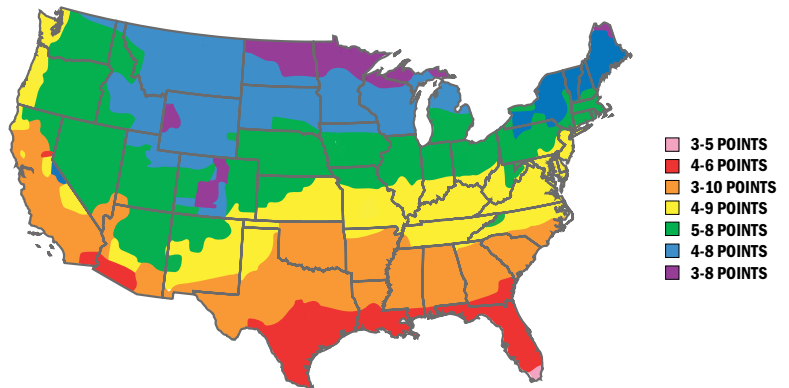


MOBILE HOME FRIENDLY

Have a project that includes mobile homes? We have the solution with multiples heaters approved for mobile home use.

HERS CERTIFIED

Lower your HERS home index score by using the most efficient heaters in the market today.



NR	Mid	.81
NRC	High	.87 - .92
NRCP	Ultra	.94
EZ	Ultra	.96



EZ SERIES

THE EASIEST TANKLESS YOU WILL INSTALL

97 UEF

THE INDUSTRY LEADER IN UEF

Traditional water heaters have top mounted water connections so why shouldn't tankless do the same? We've designed the EZ series with this in mind for truly quick swap out and installation. It is also built to achieve ultra low NOX and achieve industry leading UEF levels

INSTALLATION VERSATILITY

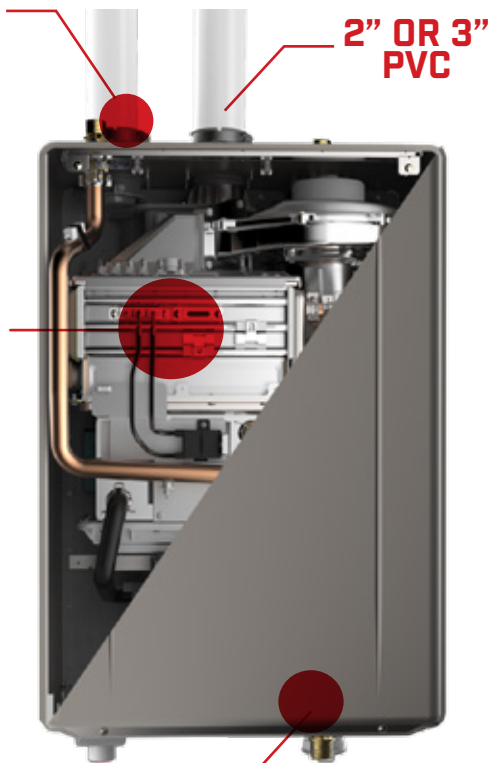
Supports multiple configurations whether being installed indoor or outdoors, making the EZ series the most flexible heater in the industry

DUAL 316L STAINLESS STEEL HEAT EXCHANGERS

Built stronger to give the EZ series a greater lifespan, providing hotter water for years to come

WIFI READY

Wifi ready with adapter allowing you to control your water heating from anywhere



2" OR 3" PVC

1/2" CAP

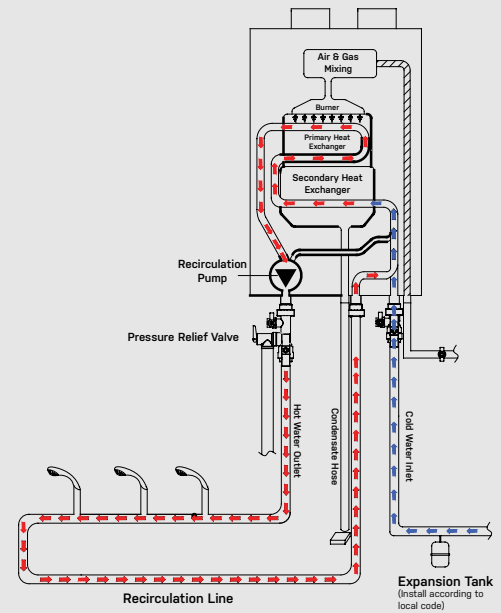
MODEL	EZ98	EZ111
GQ Reference Number	GQ-C2859WX-FF	GQ-C3259WX-FF
Vent Type	SV, DV, OD, Flex Vent	SV, DV, OD, Flex Vent
Dimensions (inches)	27.0 x 18.5 x 12.8	27.0 x 18.5 x 12.8
Weight (lbs)	81 lbs.	81 lbs.
Min. / Max. Btuh	18,000 - 180,000	18,000 - 199,900
UEF	0.96	0.96
Max. Hot Water Capacity	9.8 GPM	11.1 GPM
Water Inlet	3/4"	
Hot Water Outlet	3/4"	
Gas Inlet (1/2 in. capable)	3/4" (1/2 in. up to 50 ft.)	3/4" (1/2 in. up to 30 ft.)
Temp. Settings	100-140°F (In 5° intervals)	100-140°F (In 5° intervals)
Default Temp. Option	120, 125, 130, 140°F	120, 125, 130, 140°F



NRCP

**RESIDENTIAL TANKLESS
WITH PUMP**

0.94 UEF



FASTER HOT WATER

Noritz NRCP series heaters offer the latest cutting edge technology in tankless water heaters to provide you with hot water quickly. The NRCP1112 tankless water heater can produce up to 11 gallons of hot water per minute. The NRCP features an internal pump that can be used in three different modes. External mode, combined with a return line, can keep the water in the pipes warm resulting in lower wait times for hot water.

MODEL	NRCP982-DV	NRCP1112-DV
BTU Input Range	18,000 - 180,000	18,000 - 199,000
Min / Max Flow Rate	0.5 GPM - 10.1 GPM	0.5 GPM - 11.1 GPM
Weight	85 lbs.	
Pressure Drop	15 PSI @ 6 GPM	
Gas Supply Pressure	NG: 3.5" - 10.5"; LP: 8.0" - 14.0"	
UEF	0.94	
Warranty	12-year warranty on heat exchanger, 5-year warranty on parts & 1-year reasonable labor	
Temperature Settings	100-140°F (In 5°F Intervals)	
WiFi Compatible	No	

RECIRCULATION FEATURES

- » Timer
- » Learned Usage
- » Internal Mode
- » External Mode
- » Title 24
- » Consistent Temperature Rises
- » Eligible for P9 Canadian Rebate
- » Built In Recirculation Pump
- » 2" or 3" PVC, CPVC, PP Venting Options
- » 2 Superior Grade Stainless Steel Heat Exchangers
- » 1/2 Inch Gas Line Capable
- » Customizable Internal & External Recirculation
- » Quick Connect & Common Venting with 2 units
- » Built In Remote Controller
- » Learning Mode
- » Precise Circulation Control
- » Internal or external recirc settings for Title 24
- » Diagnostic troubleshooting tool



NRCB

95% AFUE

COMBI

WHOLE HOME HEATING SOLUTIONS



Noritz is excited to offer a new level of excellence to consumers with hydronic heating in their home can now install one water-heating appliance to meet both domestic hot water and space-heating needs. The CB and NRCB Combination (Combi) Boiler from Noritz utilizes high-efficiency condensing technology to deliver hot water to both plumbing and hydronic heating applications even for larger homes.










FEATURES

- » Whole Home Heating
- » High-Grade Stainless Steel Heat Exchangers
- » Single Vent Penetration
- » Single Gas Line
- » Self Regulating Flow
- » 2 or 3" PVC, CPVC and PP Venting Capable
- » Outdoor Temperature Reset Sensor
- » External Pump Terminal
- » Scalding Prevention for DHW Safety**
- » Up to 11.1 GPM
- » Maintains Set DHW Temp. in All Conditions
- » Simultaneous DHW and Heat**
- » Larger hot water demand can be connected with EZ Series**









**Applicable for NRCB model only

MODEL		CB180-DV	CB199-DV	NRCB180-DV	NRCB199-DV
GQ Reference Number		N/A	N/A	GHQ-C2801WX-FF	GHQ-C3201WX-FF
Gas Input Rate (Domestic Hot Water Mode)	Max	180,000 BTUH	199,000 BTUH	180,000 BTUH	199,900 BTUH
	Min	18,000 BTUH	18,000 BTUH	18,000 BTUH	18,000 BTUH
Gas Input (Heating Mode)	Max	100,000 BTUH	120,000 BTUH	100,000 BTUH	120,000 BTUH
	Min	18,000 BTUH	18,000 BTUH	18,000 BTUH	18,000 BTUH
WiFi Compatible		No		Yes	

SPEC SHEET

NRC & NR	HIGH EFFICIENCY						
							
MODEL	NRC111-DV	NRC111-OD	NRC98-DV	NRC98-OD	NRC71-DV	NRC71-OD	NRC66-DV
GQ Reference Number	GQ-C3257WX-FF US	GQ-C3257WX US	GQ-C2857WS-FF US	GQ-C2857WS US	N/A	N/A	N/A
Vent Type	DV	OD	DV	OD	DV	OD	DV
SV Conversion	Yes	N/A	Yes	N/A	Yes	N/A	Yes
Dimensions (Inches)	24.2 x 18.3 x 9.4	24.2 x 18.3 x 9.4	24.2 x 18.3 x 9.4	24.2 x 18.3 x 9.4	23.6 x 13.8 x 6.7	20.5 x 13.8 x 6.7	23.6 x 13.8 x 6.7
Weight (lbs)	66 lbs.	66 lbs.	66 lbs.	66 lbs.	41 lbs.	40 lbs.	39 lbs.
Min./Max. Btuh	16,000-199,900	16,000-199,900	16,000 - 180,000	16,000 - 180,000	15,000 - 157,000	15,000 - 157,000	15,000-120,000
UEF	0.90	0.91	0.90	0.92	0.89	0.89	0.89
Max. Hot Water Capacity	35°F Rise: 11.1 gpm	35°F Rise: 11.1 gpm	35°F Rise: 9.8 gpm	35°F Rise: 9.8 gpm	35°F Rise: 7.1 gpm	35°F Rise: 7.1 gpm	35°F Rise: 6.6 gpm
Water Inlet	3/4"						
Hot Water Outlet	3/4"						
Gas Inlet (1/2 in. capable)	3/4" (1/2 in. up to 40ft)	3/4" (1/2 in. up to 40ft)	3/4" (1/2 in. up to 50ft)	3/4" (1/2 in. up to 50ft)	3/4" (1/2 in. up to 70ft)	3/4" (1/2 in. up to 70ft)	1/2" (1/2 in. up to 100 ft)
Temp. Settings	100-140°F (In 5° Intervals)	100-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)
Default Temp. Option	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 130, 135, 140°F	120, 130, 135, 140°F	120, 130, 135, 140°F
Warranty	12-year warranty on heat exchanger, 5-year warranty on parts & 1-year reasonable labor*						
Ultra Low NOx	Yes						
Quick Connect	Yes	Yes	Yes	Yes	No	No	No
Remote Included	Yes	Yes	Yes	Yes	Digital Display	Digital Display	Digital Display
Min/Max Flowrate	0.5 GPM / 11.1 GPM	0.5 GPM / 11.1 GPM	0.5 GPM / 9.8 GPM	0.5 GPM / 9.8 GPM	0.5 GPM / 7.1 GPM	0.5 GPM / 7.1 GPM	0.5 GPM / 6.6 GPM
WiFi Compatible	Yes						
High Altitude Approved	Up to 8,000 ft.						
Mobile Home Approved	Yes (OD or DV Install Only)						

MID EFFICIENCY

					 COMING Q1 2018		
NRC66-OD	NR98-DVC	NR98-SV	NR98-OD	NR83-DVC	NR83-OD	NR66-OD	NR50-OD
N/A	GQ-2857WX-FFA US	GQ-2857WX-F US	GQ-2857WX US	GQ-2457WS-FFA US	GQ-2457WS US	N/A	N/A
OD	DVC	SV	OD	DVC	OD	OD	OD
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20.5 x 13.8 x 6.7	24.2 x 13.8 x 9.4	24.2 x 13.8 x 9.4	24.2 x 13.8 x 9.4	24.2 x 13.8 x 9.4	24.2 x 13.8 x 9.4	20.5 x 13.8 x 6.7	20.5 x 13.8 x 6.7
36 lbs.	59 lbs.	54 lbs.	54 lbs.	49 lbs.	54 lbs.	35 lbs.	32 lbs.
15,000-120,000	16,000 - 199,900	16,000 - 199,900	16,000 - 199,900	18,000 - 180,000	18,000 - 180,000	15,000 - 140,000	15,000 - 120,000
0.89	0.81	0.81	0.81	0.81	0.81	0.81	0.81
35°F Rise: 6.6 gpm	35°F Rise: 9.8 gpm	35°F Rise: 9.8 gpm	35°F Rise: 9.8 gpm	35°F Rise: 8.3 gpm	35°F Rise: 8.3 gpm	35°F Rise: 6.6 gpm	35°F Rise: 5.0 gpm
3/4"							
3/4"							
1/2" (1/2 in. up to 100 ft)	3/4" (1/2 in. up to 40ft)	3/4" (1/2 in. up to 40ft)	3/4" (1/2 in. up to 40ft)	3/4" (1/2 in. up to 50ft)	3/4" (1/2 in. up to 50ft)	3/4" (1/2 in. up to 80ft)	1/2" (1/2 in. up to 100ft)
115-140°F (In 5° Intervals)	100-140°F (In 5° Intervals)	100-140°F (In 5° Intervals)	100-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)	115-140°F (In 5° Intervals)
120, 130, 135, 140°F	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 125, 130, 140°F	120, 130, 135, 140°F	120, 130, 135, 140°F
12-year warranty on heat exchanger, 5-year warranty on parts & 1-year reasonable labor*							
Yes							
No	Yes	Yes	Yes	Yes	Yes	No	No
Digital Display	Yes	Yes	Yes	Yes	Yes	Digital Display	Digital Display
0.5 GPM / 6.6 GPM	0.5 GPM / 9.8 GPM	0.5 GPM / 9.8 GPM	0.5 GPM / 9.8 GPM	0.5 GPM / 8.3 GPM	0.5 GPM / 8.3 GPM	0.5 GPM / 6.6 GPM	0.5 GPM / 5.0 GPM
Yes							
Up to 8,000 ft.							
		No	Yes (OD or DVC Install Only)				

NEW BUILDER PACK



BNR98DVC



BNR83DVC



HEATER AND ACCESSORIES BUNDLED

CVK-H-F



IK-WV-200-1-TH-LF



Home Size	Southern Climate: 3-4 baths Northern Climate: 2 baths	Southern Climate: 2-3 baths Northern Climate: 1-2 baths
Indoor Unit Dimensions	23.6" (H) x 13.8" (W) x 9.4" (D)	23.6" (H) x 13.8" (W) x 9.4" (D)
Weight	58 lbs.	49 lbs.
Gas Consumption	Min. 16,000 btuh Max. 199,900 btuh	Min. 18,000 btuh Max. 180,000 btuh
(NG & LP)	Natural Gas / Propane	Natural Gas / Propane
Capacity Range	0.5-9.8 Gal. / Min.	0.5-8.3 Gal. / Min.
UEF	.81	.81
Temperature Settings	100-140° F (in 5° F intervals) 9 options	115-140° F (in 5° F intervals) 6 options

ACCESSORIES



COVER UP Pipe Cover

Increase the aesthetic appeal of your installation with our pipe cover accessory.



HIDE IT Recess Box

Flush mount and conceal an outdoor heater in new construction.



HORIZONTAL INSTALL

Vent Pipe Horizontal Kit

The Complete horizontal vent kit for stainless steel concentric venting.



GO CONCENTRIC

PVC Concentric Termination

Terminate two PVC vents into a single pipe horizontally or vertically.



GO HORIZONTAL

Plastic Horizontal Termination

Allows for horizontal venting. Not approved for Canada.



CONVERT IT

DV to SV Conversion Kit

Convert any Direct Vent heater to Single Vent.



MULTI FAMILY INSTALLATION

APPLICATIONS

Noritz units can be installed indoor or outdoor and because of its size and weight, they can be wall hung as well. Our water heaters are versatile and can provide for a wide range of clients, from luxury homes to office buildings. Their size and versatility make spaces once thought impossible, possible.



COMBI BOILER - WHOLE HOME HEATING



DVC TERMINATION





OUTDOOR INSTALL

TECHNOLOGY LEADER IN HOT WATER HEATING

Noritz has been an innovator in the water heating industry for over 60 years. We introduced the first modern, electronically controlled tankless hot water heater in 1981 and we remain the leader in energy savings and superior hot water delivery today.



RESIDENTIAL WARRANTY

Noritz offers a 12-year warranty on the heat exchanger and a 5-year warranty on parts and 1-year reasonable labor. Labor will be paid to an authorized Noritz Service Representative on pre-approved warranty repairs. See limited warranty for full details.



SUPPORT SITE & CALL CENTER

We provide two customer service initiatives - a Technical Support Website and an In-House Call Center - with the goal of delivering information more quickly and efficiently to customers, whether their preferred method is online or the telephone.

REGISTER YOUR PRODUCT AT

NORITZ.COM/HOME-OWNERS/WARRANTY

SUPPORT.NORITZ.COM - 866.766.7489



REBATE PROGRAM

Many local utility companies are recognizing the benefits of tankless water heaters and are encouraging this through rebates. Check with your installer, local utility company or www.noritz.com/rebates for any available rebates in your area.



ENERGY STAR

By heating water only when you need it, ENERGY STAR qualified tankless water heaters save the typical family more than \$100 per year on gas bills compared to a standard storage tank model. Larger families can save even more.