

Certificate of Product Ratings

AHRI Certified Reference Number : 204629743

Date : 10-17-2019

Model Status : Active

Brand Name : NORITZ

Model Number : NERC98DV (GQ-C2857WS-FF ET US)

Rated as follows in accordance with Department of Energy (DOE) Water Heater test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Max GPM : 5.1

Uniform Energy Factor : 0.91

The following data is for reference only and is not certified by AHRI

Energy Source : Both Natural Gas and Propane Gas

Heater Type : Instantaneous

Usage Bin : High Usage

Nominal Capacity (gal) : 0

DOE Rated Storage Volume (gal) : 1

Input (MBtu/h) : 180.0

Recovery Efficiency, (%) : 94

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†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced. "Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

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CERTIFICATE VERIFICATION

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CERTIFICATE NO.:

132158225758404511

South Coast Air Quality Management District (South Coast AQMD)

RULE 1146.2 - EMISSIONS OF OXIDES OF NITROGEN FROM LARGE WATER HEATERS AND SMALL BOILERS AND PROCESS HEATERS

LIST OF CERTIFIED UNITS PURSUANT TO RULE 1146.2 (Updated December 12, 2019)

NOTE: The South Coast AQMD does not endorse or warrant any specific product or manufacturer

Company/Brand Name	Type 1 ($\leq 400,000$ BTU/HR) (Complies with 14 ng/J or 20 ppm NO _x @ 3% O ₂)	Type 1 ($\leq 400,000$ BTU/HR) (Complies with 40 ng/J or 55 ppm NO _x @ 3% O ₂) (Certification expires 12/31/2011, Except for Pool Heaters) (Sell-through until 12/31/2012, Except for Pool Heaters)	CONTACT Phone/E-mail/Web
Noritz America Corp.	NR83-DVC, NR98(OD,DVC,SV), NRC111(OD,DV), NR199(OD,DVC) NRC98-(OD, DV), NCC199(OD,DV), NC199(OD,DVC) NRC83-(OD, DV), NRC661-(OD,DV), NRC1111-(OD,DV), NCC1991-(OD,DV), NCC1992-DV, NR981-(OD,DVC), NC1991-(OD,DVC), NR981-SV, EN18WI30LS, EN19WI30LS NR501-OD (NGA), NR662-OD (NGA) NRC711-DV, NRC711-OD, NRC661A-DV, NRC661A-OD, NRCP982-DV, NRCP1112-DV, NRC663-FSV NRCP111-DV, NRCP98-DV NERC11-DV, NERC98-DV, NER66-OD FFWI98XNRQ, FFWI71XNRQ, FFEW98XNRQ, FFEW66XNRQ, CB199-DV, CB180-DV, CB140-DV, GQ-C3259WZ-FFUS, GQ-C3259WX-FFUS, GQ-C2859WZ-FFUS, GQ- C2859WX-FFUS NRCB199DV [GHQ-3201 WX-FFUS], NRCB180DV [GHQ- 2801WX-FFUS] NCC300OD [GQ-C5032WZ US], NCC300DV [GQ- C5032WZ-FF US], NR83OD [GQ-2457WS US] NCC199CDV [GQ-C3260WZ-FF US], EZ111DV [GQ- C3260WX-FF US], NRCR111DV [GQ-C3260WXQ-FF US], EZ98DV [GQ-C2860WX-FF US], NRCR92DV [GQ- C2660WXQ-FF US]	N-042, N-063, N-084, N-132, N-063S, N-069M, N-132M, N-084M, N- 084-DV, N-132M, N069M-1, N069M-OD, N-063S-1, N063S-OD, N- 0751M-DV <i>NH-1501-DV, NH-2001-DV, N-0751M, N-0751M-OD, N-0631S, N- 0631S-OD, N-0931M, N-0931M-DV, N-0931M-OD, N-0931M-ASME, N-0931M-DV-ASME, N-1321M-ASME, N-0531S, N-0531S-OD, N- 0841 MC, N-0841 MC-DV, N-0751M-DVC, N-0842MC, N-842MC-DV</i> NR66-SV, NR66-OD, NR71-SV, NR71-OD, NR98-SV, NR98-OD, NR98-DVC, NC199-OD, NC199-DVC, NRC111-SV, NRC111-DV, NCC199-SV, NCC199-DV, NR111-SV, NR111-OD, NR111-DV, NC250-SV-ASME, NC250-DV-ASME, NC380-SV-ASME, NH150-DV, NH199-DV (These are alternate model names of models shown above in italics) NR50-OD	Randy Oshiro 714-433-7835



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Wednesday, January 29, 2020** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

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<http://info.nsf.org/Certified/food/Listings.asp?Company=1N640&>

NSF/ANSI 5 Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment

Noritz America Corporation

11160 Grace Avenue

Fountain Valley, CA 92708

United States

866-766-7489

714-433-2905

Visit this company's website

(<http://www.noritz.com>).

Facility : Akashi, Japan

WATER HEATERS, HOT WATER SUPPLY BOILERS, AND HEAT RECOVERY EQUIPMENT

Model Number	Btu/kw (1000s)	Gallons/Hour Delivery (At Temp. Rise In Degrees F.)							
		40	50	60	70	80	100	120	140

Tankless Gas Fired Water Heater

EZ111DV	199.9 BTU	594	475	396	339	297	237	198	170
EZ98DV	180 BTU	518	415	345	296	259	207	173	148
GQ-2457WS US	180 BTU	432	390	324	276	228	N/A	N/A	N/A
GQ-C5032WZ US	300 BTU	882	705	588	504	441	353	294	252
GQ-C5032WZ-FF US	300 BTU	882	705	588	504	441	353	294	252
N-0531S[1]	140 BTU	350	286	223	186	164	131	N/A	N/A
N-0531S-OD[1]	140 BTU	350	286	223	186	164	131	N/A	N/A
N-0631S[1]	180 BTU	450	368	287	239	211	168	N/A	N/A
N-0631S-OD[1]	180 BTU	450	368	287	239	211	168	N/A	N/A
N-063S[1] [2]	194 BTU	400	355	311	271	237	187	N/A	N/A
N-063S-1[1] [3]	190 BTU	392	348	304	265	232	183	N/A	N/A
N-063S-OD[1]	194 BTU	400	355	311	271	237	187	N/A	N/A
N-069M[1] [2]	194 BTU	400	355	311	271	237	187	N/A	N/A
N-069M-1[1] [3]	190 BTU	392	348	304	265	232	183	N/A	N/A
N-069M-DV[2]	194 BTU	400	355	311	271	237	187	N/A	N/A
N-069M-OD[1]	194 BTU	400	355	311	271	237	187	N/A	N/A
N-0751M[1]	199 BTU	498	408	318	264	234	186	N/A	N/A
N-0751M-DVC	199 BTU	498	408	318	264	234	186	N/A	N/A
N-0751M-OD[1]	199 BTU	498	408	318	264	234	186	N/A	N/A
N-0841 MC[1]	200 BTU	558	426	375	324	282	234	N/A	N/A
N-0841 MC-DV	200 BTU	558	426	375	324	282	234	N/A	N/A
N-0842MC[1]	200 BTU	558	426	375	324	282	234	N/A	N/A
N-0842MC-DV	200 BTU	558	426	375	324	282	234	N/A	N/A
N-084M[1] [2]	236 BTU	486	432	378	330	288	228	N/A	N/A
N-084M-ASME[1]	236 BTU	486	432	378	330	288	228	N/A	N/A
N-084M-DV[2]	236 BTU	486	432	378	330	288	228	N/A	N/A
N-084M-DV-ASME	236 BTU	486	432	378	330	288	228	N/A	N/A
N-0931M[1]	250 BTU	627	514	401	333	295	234	N/A	N/A
N-0931M-ASME[1]	250 BTU	627	514	401	333	295	234	N/A	N/A
N-0931M-DV	250 BTU	627	514	401	333	295	234	N/A	N/A
N-0931M-DV-ASME	250 BTU	627	514	401	333	295	234	N/A	N/A
N-0931M-OD[1]	250 BTU	627	514	401	333	295	234	N/A	N/A
N-1321M-ASME[1]	380 BTU	951	779	607	504	447	355	N/A	N/A
N-132M[1] [2]	380 BTU	783	696	607	531	464	367	N/A	N/A
N-132M-ASME[1]	380 BTU	783	696	607	531	464	367	N/A	N/A
NC199-DVC	199 BTU	498	408	318	264	234	186	N/A	N/A
NC199-OD[1]	199 BTU	198	408	318	264	234	186	N/A	N/A
NC1991-DVC	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NC1991-OD[1]	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NC199DVC	199.9 BTU	498	408	318	264	234	186	N/A	N/A

NC199OD	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NC250-DV-ASME	250 BTU	627	514	401	333	295	234	N/A	N/A
NC250-SV-ASME[1]	250 BTU	627	514	401	333	295	234	N/A	N/A
NC380-SV-ASME[1]	380 BTU	951	779	607	504	447	355	N/A	N/A
NCC199-DV	200 BTU	558	426	375	324	282	234	N/A	N/A
NCC199-SV[1]	200 BTU	558	426	375	324	282	234	N/A	N/A
NCC1991-DV	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NCC1991-OD[1]	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NCC1992-DV	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NCC199CDV	199 BTU	573	458	382	327	386	229	191	164
NCC199DV	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NCC199OD	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NER66OD	140 BTU	350	286	223	186	164	131	N/A	N/A
NERC11DV	200 BTU	558	426	375	324	282	234	N/A	N/A
NERC98DC	180 BTU	414	378	336	300	264	186	N/A	N/A
NR111-DV	250 BTU	627	514	401	333	295	234	N/A	N/A
NR111-OD[1]	250 BTU	627	514	401	333	295	234	N/A	N/A
NR111-SV[1]	250 BTU	627	514	401	333	295	234	N/A	N/A
NR50-OD[1]	120 BTU	300	245	191	159	141	112	N/A	N/A
NR501-OD	120 BTU	300	245	191	159	141	112	N/A	N/A
NR66-OD[1]	140 BTU	350	286	223	186	164	131	N/A	N/A
NR66-SV[1]	140 BTU	350	286	223	186	164	131	N/A	N/A
NR662-OD	140 BTU	350	286	223	186	164	131	N/A	N/A
NR71-OD[1]	180 BTU	450	368	287	239	211	168	N/A	N/A
NR71-SV[1]	180 BTU	450	368	287	239	211	168	N/A	N/A
NR83-DVC	180 BTU	432	390	324	276	228	N/A	N/A	N/A
NR83DVC	180 BTU	432	390	324	276	228	N/A	N/A	N/A
NR98-DVC	199 BTU	498	408	318	264	234	186	N/A	N/A
NR98-OD[1]	199 BTU	498	408	318	264	234	186	N/A	N/A
NR98-SV[1]	199 BTU	498	408	318	264	234	186	N/A	N/A
NR981-DVC	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NR981-OD[1]	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NR981-SV	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NR98DVC	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NR98OD	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NR98SV	199.9 BTU	498	408	318	264	234	186	N/A	N/A
NRC111-DV	200 BTU	558	426	375	324	282	234	N/A	N/A
NRC111-SV[1]	200 BTU	558	426	375	324	282	234	N/A	N/A
NRC1111-DV[1]	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NRC1111-OD	199.9 BTU	558	426	375	324	282	234	N/A	N/A

NRC111DV	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NRC111OD	199.9 BTU	558	426	375	324	282	234	N/A	N/A
NRC661-DV	120 BTU	350	286	223	186	164	131	N/A	N/A
NRC661-OD	120 BTU	350	286	223	186	164	131	N/A	N/A
NRC661A-DV	120 BTU	330	264	230	186	168	132	N/A	N/A
NRC661A-OD	120 BTU	330	264	230	186	168	132	N/A	N/A
NRC663-FSV	120 BTU	330	264	230	186	168	132	N/A	N/A
NRC711-DV	157 BTU	361	330	293	262	230	162	N/A	N/A
NRC711-OD	157 BTU	361	330	293	262	230	162	N/A	N/A
NRC83-DV	157 BTU	361	330	293	262	230	162	N/A	N/A
NRC83-OD	157 BTU	361	330	293	262	230	162	N/A	N/A
NRC98-DV	180 BTU	414	378	336	300	264	186	N/A	N/A
NRC98-OD	180 BTU	414	378	336	300	264	186	N/A	N/A
NRC98DV	180 BTU	414	378	336	300	264	186	N/A	N/A
NRC98OD	180 BTU	414	378	336	300	264	186	N/A	N/A

[1] Acceptable only for installation in a non-food zone area.

[2] NSF Certified production beginning with date code 7/25/05.

[3] NSF Certified production beginning with date code 7/11/06.

Number of matching Manufacturers is 1

Number of matching Products is 95

Processing time was 0 seconds

Consumer Affairs and Business Regulation



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Table. ONLINE PLUMBING PRODUCTS SYSTEM: SEARCH RESULTS

Search Criteria:

Type: Combo

Manufacturer: Noritz America Corporation

Product:

Model:

Description:

[New Search](#)

There are **68** record(s) in our database fitting your search criteria. Please note that if your product is not displayed in the search results, you can refine your search criteria.

Displaying page **2** of **2** search results pages

Requested products per page: **50**.

PRODUCT, DESCRIPTION, APPROVAL CONDITION	MANUFACTURER	MODEL	ACCEPTED	APPROVAL CODE
Thermalux Instantaneous water heater with no storage intended for use as a water heater	Noritz America Corporation	NER660D (GQ-2039WS ET US)	3/4/2020	P1-0320-335
Thermalux Instantaneous water heater with no storage intended for use as a water heater	Noritz America Corporation	NERC11DV (GQ-C3257WX-FF ET US)	3/4/2020	P1-0320-335
Thermalux Instantaneous water heater with no storage intended for use as a water heater	Noritz America Corporation	NERC98DV (GQ-C2857WS-FF ET US)	3/4/2020	P1-0320-335



Certificate of Compliance

Certificate: 1852750

Master Contract: 214418

Project: 80024578

Date Issued: 2019-11-25

Issued To: Noritz America Corporation
11160 Grace Ave
Fountain Valley, California, 92708
United States

Attention: Randy Oshiro

Issued by: *Bret Ekstrand*
Bret Ekstrand



PRODUCTS

CLASS - C290213 - COMMERCIAL HEATERS (GAS) Water Heaters

CLASS - C290293 - COMMERCIAL HEATERS (GAS) Water Heaters-Certified to U.S. Standards

<u>Model Number</u>	<u>Category</u>	<u>Input</u>	<u>Input</u>	<u>Capacity</u>	<u>Altitude</u>
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For Use With Natural and Propane Gas Trade Name: No Limits, Always Hot, proTOUGH, ecoTOUGH, EZTR

Instantaneous Heaters for Outdoor Installation

NC199-OD	---	199,900	16,000	---	N & H
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Instantaneous Heaters for Outdoor Installation

Optional for Manufactured Home Installation

NR83OD	---	180,000	18,000	---	N & H
GQ-2457WS US	---	180,000	18,000	---	N & H
NRC111OD	---	199,900	16,000	---	N & H



Certificate: 1852750
Project: 80024578

Master Contract: 214418
Date Issued: 2019-11-25

GQ-C3257WX	---	199,900	16,000	---	N & H
US					
NRC98OD	---	180,000	16,000	---	N & H
GQ-C2857WS	---	180,000	16,000	---	N & H
US					
NC199OD	---	199,900	16,000	---	N & H
GQ-2857 WZ	---	199,900	16,000	---	N & H
US					
NCC199OD	---	199,900	16,000	---	N & H
GQ-C3257WZ	---	199,900	16,000	---	N & H
US					
NR98OD	---	199,900	16,000	---	N & H
GQ-2857WX US	---	199,900	16,000	---	N & H

**Instantaneous Heaters for Direct Vent Installation,
Optional for Manufactured Home Installation**

NRC661(A)-DV	IV	120,000	15,000	---	N & H
NRC711-DV	IV	157,000	15,000	---	N & H
NR83DVC	III	180,000	18,000	---	N & H
GQ-2457WS-FFA					
US	III	180,000	18,000	---	N & H
NR98DVC	III	199,900	16,000	---	N & H
GQ-2857WX-FFA					
US	III	199,900	16,000	---	N & H
NRC111DV	IV	199,900	16,000	---	N & H
GQ-C3257WX-FF					
US	IV	199,900	16,000	---	N & H
NRC98DV	IV	180,000	16,000	---	N & H
GQ-C2857WS-FF					
US	IV	180,000	16,000	---	N & H
NCC199DV	IV	199,900	16,000	---	N & H
GQ-C3257WZ-FF					
US	IV	199,900	16,000	---	N & H
NC199DVC	III	199,900	16,000	---	N & H
GQ-2857WZ-FFA	III	199,900	16,000	---	N & H

For Use With Natural and Propane Gas

Trade Name: THERMALUX

**Instantaneous Heaters for Direct Vent Installation,
Optional for Manufactured Home Installation**

NERC11DV	IV	199,900	16,000	---	N & H
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Certificate: 1852750
Project: 80024578

Master Contract: 214418
Date Issued: 2019-11-25

GQ-C3257WX-FF ET

US	IV	199,900	16,000	---	N & H
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NERC98DV	IV	180,000	16,000	---	N & H
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GQ-C2857WS-FF ET

US	IV	180,000	16,000	---	N & H
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Instantaneous Heaters for Indoor Installation

NR98SV	III	199,900	16,000	---	N & H
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GQ-2857WX-F	III	199,900	16,000	---	N & H
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US

Instantaneous Heaters for Outdoor Installation, Class 290293 (US) only

Optional for Manufactured Home Installation

NRC661(A)-OD	---	120,000	15,000	---	N & H
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NR501-OD	---	120,000	15,000	---	N & H
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NR662-OD	---	140,000	15,000	---	N & H
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NRC711-OD	---	157,000	15,000	---	N & H
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Instantaneous Heaters for Indoor Installation, Class 290293 (US) only

NRC663-FSV	IV	120,000	15,000	---	N & H
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For Use With Natural and Propane Gas

Trade Name: THERMALUX

Instantaneous Heaters for Outdoor Installation, Class 290293 (US) only

Optional for Manufactured Home Installation

NER66OD	---	140,000	15,000	---	N & H
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GQ-2039WS ET	---	140,000	15,000	---	N & H
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US

Above models are type B electrical rated; 120 volt, <12A

N = 0 – 2000ft. installation, H = 2001-4500ft. installation

NR(661A,711)(OD,DV) and NR(501,662)OD heaters are acceptable for Manufactured Home installation.

NR83OD(GQ-2457WS US) is acceptable for Manufactured Home installation.

APPLICABLE REQUIREMENTS

ANSI Z21.10.3-2017/CSA 4.3-2017 Gas Fired Water Heaters, Volume III, Storage Water Heaters With Input Ratings Above 75,000 Btu per Hour, Circulating or Instantaneous



Supplement to Certificate of Compliance

Certificate: 1852750

Master Contract: 214418

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80024578	2019-11-25	Certify model Nos. NERC(11,98)DV, NER66OD by extension.
80015536	2019-10-09	Delete 1/8NPT pressure tap.
000070217383	2019-03-15	Nos. NRC(98,111)OD, NC199(OD,DVC), NCC199(OD,DV), NR98(OD,DVC,SV), NRC(98,111)DV and their corresponding GQ series identifier comply with Canadian requirements of ANSI Z21.10.3-2017*CSA 4.3-2017.
000070189287	2018-07-30	Update report 1852750 to ANSI Z21.10.3-2017/CSA 4.3-2017 per Gas Products No 421
000070151524	2017-10-04	Certify No. NR83OD for use in outdoor installations.
000070119990	2017-04-20	Evaluated models in this report for compliance to Notice #381, ANSI Z21.10.3*CSA4.3-2015.
000070079224	2016-05-27	Mfr. request to add revised Conversion kit information and updated part components & rating plates.
000070057060	2015-12-11	Information revisions to report body.
000070052305	2015-11-09	Evaluated alternate spark ignition module, thermistor for scaling detection and modification to vent adaptor. Adding select prefixed GQ- models; identical branded to other models in this report with no design changes.
000070040397	2015-10-13	Mfr. request to update models in this report to ANSI Z21.10.3* CSA 4.3-2014. Additionally, add Mobile Home listing for select models in this report.
0002768864	2014-10-16	Sankyo step motor model NSAE811N01 changed to MP35GU and Hashimoto models JEBD001 and JDWD001 changed to JEBD051 and JDWD051 respectively. Conversion kit manuals CK(56,57,65,66) updated



0002745412	2014-07-24	Correction to NRC663FSV BtuH input rating and add updated instruction manuals.
0002736109	2014-06-26	Test alternate construction model NRC-663FSV. Blocked inlet testing on model NR83-DVC. Update report to Z21.10.3/CSA4.3-2013 and Z21.13/CSA 4.9-2013 per notices 277 and 308 and inform 310.
0002693796	2014-01-14	Add Conversion Kit material.
0002677321	2013-12-11	Added models 661A series; Minor design revision of the existing 661 series.
0002654149	2013-08-19	Add series NCC1992DV by extension, from the NCC1991DV series.
0002643936	2013-07-24	Tested new hybrid models: NRC711-(OD,DV).
0002636186	2013-06-17	Tested non-condensing hybrid models; NR(662, 501)OD.
0002591195	2013-01-08	Reformat report for IAPMO submittal.
0002582053	2012-11-29	Mfr. request to redefine manifold pressures for the NRC661 series.
0002573819	2012-11-06	Tested NRC 661-(OD,DV) series.
0002544954	2012-07-19	Add gas conversion kit.
0002519787	2012-05-22	Tested alternate direct vent terminal configurations.
0002520382	2012-05-01	Re-format report for IAPMO submittal
0002512271	2012-04-03	Delist obsolete models N-0751M, N-0751M-DV, N-0751M-DVC-CA, N-0751M-OD, N-0841MC, N-0841MC, N-0841MC-DV, N-0842MC, N-0842MC, N-0842MC-DV, N-0931M-(ASME), N-0931M-DV-ASME, N-0931M-OD-(ASME), NH-1501-DV & NH-2001-DV. Client request dated March 21, 2012.
0002511647	2012-03-29	Re-format report for IAPMO submittal
0002499633	2012-03-06	Reformat report for IAPMO submittal.
0002501914	2012-02-27	Tested NR981-SV model and added alternate spark voltage generator.
0002483506	2012-02-06	Tested concentric vent model NR981DVC
0002464091	2011-12-02	Tested alternate Lo NOx burner designs; NRC1111 and NR981 series. Updated series to ANSI Z21.10.3*CSA 4.3-2011.
0002447693	2011-08-10	Re-Format report for IAPMO submittal.
0002440914	2011-07-25	Tested alternate condensing models NRC(83,98) series.



0002413982	2011-04-29	Tested model NRC98-DV.
0002358922	2010-11-02	Mfr. request to evaluate PVC temperatures for max. 149~F exhaust; NC(111 ,199) series under high water outlet temperature conditions. Tested air inlet insect screens for vent terminals.
0002310127	2010-06-18	Certified new LoNOx model NR-83DVC.
0002272218	2010-02-11	Add marking material for GSW-John Wood multiple listing.
0002229959	2009-10-16	Model Nos. changes, alternate wiring, alternate manifold plate and updated series to Z21.10.3b*CSA 4.3b-2008 per Gas Informs No. 164.
0002161472	2009-04-01	Add model 0842 series.
0002121706	2008-12-12	Add alternate flue design, and alternate installation manual. Drawings 119 to 120.
0002094398	2008-10-06	Updated report with instruction manual and -CA suffix.
0002056892	2008-07-18	Tested concentric vent for the Model N0751, NH series updated to ANSI Z21.13b* CSA 4.9b-2007 & add Manufactured Home listing.
0002034290	2008-04-17	Tested alternate 3" venting diameter
0002010454	2008-02-19	Tested alternate Direct Vent model and updated report models to ANSI Z21.10.3a-2007* CSA 4.3a-2007.
0001978358	2007-11-16	Tested alternate model: N0841MC water heater.
0001934274	2007-07-23	Model series N-0931M-DV will bear an ASME "HLW" stamp and Material Change
0001902270	2007-05-15	Tested modified control settings: N0751 series
0001862341	2007-03-07	Tested model N0931 series.
0001839140	2006-11-20	New Model; Boiler Design
0001852750	2006-11-13	New design certification.

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Effective Date: October 2019 -Rev. 1/23/2020- Void After: October 2024

Product: Lead Free Plumbing Products File No. 6428

Issued To: Noritz America Corporation
11160 Grace Avenue
Fountain Valley, CA 92708

Identification: Each product shall bear permanent and legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall bear the appropriate IAPMO R&T certification mark. The product may also bear either "Lead Free" or "Low Lead" above or in close proximity to the IAPMO R&T certification mark.

Characteristics: Products may include any pipe, pipe fitting, solder, flux, or other plumbing products providing water for human consumption. Products listed below are to be installed in accordance with the manufacturer's instruction. These products have been verified with weighted average lead content $\leq 0.25\%$; Solder and flux lead content $\leq 0.2\%$.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following standard(s):
Section 1417(d) of the Safe Drinking Water Act


Chairman, Product Certification Committee


CEO, The IAPMO Group

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Product: Lead Free Plumbing Products

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The lead content requirements of Section 116875 of the California Health & Safety Code

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-Rev. 1/23/2020-

Void After: October 2024

Product: Lead Free Plumbing Products

File No. 6428

Issued To: Noritz America Corporation

MODELS:

ALWAYS HOT ECOTOUGH

Residential Gas Tankless Water Heater:

<u>Model No.</u>	<u>Description</u>
EZ111DV (GQ-C3259WX-FF US)	11.1 GPM, Direct Vent, Condensing
EZ111DV (GQ-C3260WX-FF US)	11.1 GPM, Direct Vent, Condensing
EZ98DV (GQ-C2859WX-FF US)	9.8 GPM, Direct Vent, Condensing
EZ98DV (GQ-C2860WX-FF US)	9.8 GPM, Direct Vent, Condensing
N-0531S	5.3 GPM, Single Vent
N-0531S-OD	5.3 GPM, Outdoor
N-0631S	6.3 GPM, Single Vent
N-0631S-OD	6.3 GPM, Outdoor
N-0751M	7.5 GPM, Single Vent
N-0751M-DV	7.5 GPM, Direct Vent
N-0751M-DVC	7.5 GPM, Concentric Vent
N-0751M-OD	7.5 GPM, Outdoor
N-0841MC	8.4 GPM, Single Vent, Condensing
N-0841MC-DV	8.4 GPM, Direct Vent, Condensing
N-0842MC	8.4 GPM, Single Vent, Condensing
N-0842MC-DV	8.4 GPM, Direct Vent, Condensing
N-084M	8.4 GPM, Single Vent
N-084M-DV	8.4 GPM, Direct Vent
N-0931M	9.3 GPM, Single Vent
N-0931M-DV	9.3 GPM, Direct Vent
N-0931M-OD	9.3 GPM, Outdoor
NR111-DV	11.1 GPM, Direct Vent
NR111-OD	11.1 GPM, Outdoor
NR111-SV	11.1 GPM, Single Vent
NR501-OD	5.0 GPM, Outdoor
NR50-OD	5.0 GPM, Outdoor
NR662-OD	6.6 GPM, Outdoor
NER66OD (GQ-2039WS ET US)	6.6 GPM, Outdoor
NR66-OD	6.6 GPM, Outdoor
NR66-SV	6.6 GPM, Single Vent
NR71-OD	7.1 GPM, Outdoor
NR71-SV	7.1 GPM, Single Vent
NR83DVC (GQ-2457WS-FFA US)	8.3 GPM, Concentric Vent
NR83OD (GQ-2457WS US)	8.3GPM, Outdoor
NR98-DVC	9.8 GPM, Concentric Vent
NR98DVC (GQ-2857WX-FFA US)	9.8 GPM, Concentric Vent
NR98-OD	9.8 GPM, Outdoor
NR98OD (GQ-2857WX US)	9.8 GPM, Outdoor
NR98-SV	9.8 GPM, Single Vent

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Void After: October 2024

Product: Lead Free Plumbing Products

File No. 6428

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NR98SV (GQ-2857WX-F US)	9.8 GPM, Single Vent
NRC111-DV	11.1 GPM, Direct Vent, Condensing
NRC111DV (GQ-C3257WX-FF US)	11.1 GPM, Direct Vent, Condensing
NERC11DV (GQ-C3257WX-FF ET US)	11.1 GPM, Direct Vent, Condensing
NRC111OD (GQ-C3257WX US)	11.1 GPM, Outdoor, Condensing
NRC111-SV	11.1 GPM, Single Vent, Condensing
NRC661A-DV	6.6 GPM, Direct Vent, Condensing
NRC661A-OD	6.6 GPM, Outdoor, Condensing
NRC661-DV	6.6 GPM, Direct Vent, Condensing
NRC661-OD	6.6 GPM, Outdoor, Condensing
NRC663-FSV	6.6 GPM, Flex Single Vent, Condensing
NRC711-DV	11.1 GPM, Direct Vent, Condensing
NRC711-OD	7.1 GPM, Outdoor, Condensing
NRC83-DV	8.3 GPM, Direct Vent, Condensing
NRC83-OD	8.3 GPM, Outdoor, Condensing
NRC98DV (GQ-C2857WS-FF US)	9.8 GPM, Direct Vent, Condensing
NERC98DV (GQ-C2857WS-FF ET US)	9.8 GPM, Direct Vent, Condensing
NRC98OD (GQ-C2857WS US)	9.8 GPM, Outdoor, Condensing
NRCR92DV (GQ-C2660WXQ-FF US)	9.2 GPM, Direct Vent, Condensing
NRCR111DV (GQ-C3260WXQ-FF US)	11.1 GPM, Direct Vent, Condensing

Residential Gas Combination Water Heater:

<u>Model No.</u>	<u>Description</u>
NRCB180DV (GHQ-C2801-FF US)	9.8 GPM, Direct Vent, Condensing
NRCB199DV (GHQ-C3201-FF US)	11.1 GPM, Direct Vent, Condensing

Commercial Gas Tankless Water Heater:

<u>Model No.</u>	<u>Description</u>
N-084M-ASME	8.4 GPM, Single Vent
N-084M-DV-ASME	8.4 GPM, Direct Vent
N-0931M-ASME	9.3 GPM, Single Vent
N-0931M-DV-ASME	9.3 GPM, Direct Vent
N-1321M-ASME	13.2 GPM, Single Vent
N-132M	
N-132M-ASME	13.2 GPM, Single Vent
NC199-DVC	9.8 GPM, Concentric Vent
NC199DVC (GQ-2857WZ-FFA US)	9.8 GPM, Concentric Vent
NC199-OD	9.8 GPM, Outdoor
NC199OD (GQ-2857WZ US)	9.8 GPM, Outdoor
NC250-DV-ASME	11.1 GPM, Direct Vent
NC250-SV-ASME	11.1 GPM, Single Vent
NC380-SV-ASME	11.2 GPM, Single Vent
NCC199CDV (GQ-C3259WZ-FF US)	11.1 GPM, Direct Vent, Condensing
NCC199CDV (GQ-C3260WZ-FF US)	11.1 GPM, Direct Vent, Condensing
NCC199-DV	11.1 GPM, Direct Vent, Condensing

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NCC199DV (GQ-C3257WZ-FF US)	11.1 GPM, Direct Vent, Condensing
NCC199OD (GQ-C3257WZ US)	11.1 GPM, Outdoor, Condensing
NCC199-SV	11.1 GPM, Single Vent, Condensing
NCC300DV(GQ-C5032WZ-FF US)	13.2 GPM , Direct Vent, Condensing
NCC300OD(GQ-C5032WZ US)	13.2 GPM , Outdoor, Condensing

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Effective Date: October 2019 -Rev. 1/23/2020- Void After: October 2024

Product: Water Heaters (Tankless) File No. 4334

Issued To: Noritz America Corporation
11160 Grace Avenue
Fountain Valley, CA 92708

Identification: Manufacturer's name or trademark, model number, fuel gas rating or electrical power rating and UPC® certification mark. UPC® certification mark located so as to be visible after installation.

Characteristics: Instantaneous water heaters designed to be installed at the point of use. Those models with no storage or with a storage tank 3" in diameter or less do not require a pressure relief device. Units are equipped with controls so that electrical power or fuel gas input is supplied only at those times when hot water is drawn from the heater. To be installed in accordance with the manufacturer's instructions and the provisions of the latest edition of the Uniform Plumbing Code.

Each tankless water heater product is to be installed with a category III listed vent that complies to the latest edition of the Uniform Plumbing Code particularly section 514.3.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the


Chairman, Product Certification Committee


CEO, The IAPMO Group



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Void After: October 2024

Product: Water Heaters (Tankless)

File No. 4334

Issued To: Noritz America Corporation

laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)

International Plumbing Code (IPC®)

Products are in compliance with the following standard(s):

ANSI Z21.10.3-2017/CSA 4.3-2017



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Product: Water Heaters (Tankless)

File No. 4334

Issued To: Noritz America Corporation

MODELS:

Ecotough™
ALWAYS HOT™

Residential Gas Tankless Water Heater:

<u>Model No.</u>	<u>Description</u>
EZ1111DV (GQ-C3259WX-FF US)	11.1 GPM, Direct Vent, Condensing
EZ1111DV (GQ-C3260WX-FF US)	11.1 GPM, Direct Vent, Condensing
EZ98DV (GQ-C2859WX-FF US)	9.8 GPM, Direct Vent, Condensing
EZ98DV (GQ-C2860WX-FF US)	9.8 GPM, Direct Vent, Condensing
N-042	4.2 GPM, Single Vent
N-0531S	5.3 GPM, Single Vent
N-0531S-OD	5.3 GPM, Outdoor
N-063	6.3 GPM, Single Vent
N-0631S	6.3 GPM, Single Vent
N-0631S-OD	6.3 GPM, Outdoor
N-063S-1	6.3 GPM, Single Vent
N-063S-OD	6.3 GPM, Outdoor
N-069M-1	6.9 GPM, Single Vent
N-069M-DV	6.9 GPM, DV vent
N-069M-OD	6.9 GPM, Outdoor
N-0751M	7.5 GPM, Single Vent
N-0751M-DV	7.5 GPM, Direct Vent
N-0751M-DVC	7.5 GPM, Concentric Vent
N-0751M-OD	7.5 GPM, Outdoor
N-084	8.4 GPM, Single Vent
N-0841MC	8.4 GPM, Single Vent, Condensing
N-0841MC-DV	8.4 GPM, Direct Vent, Condensing
N-0842MC	8.4 GPM, Single Vent, Condensing
N-0842MC-DV	8.4 GPM, Direct Vent, Condensing
N-084M	8.4 GPM, Single Vent
N-084M-DV	8.4 GPM, Direct Vent
N-0931M	9.3 GPM, Single Vent
N-0931M-DV	9.3 GPM, Direct Vent
N-0931M-OD	9.3 GPM, Outdoor
NR111-DV	11.1 GPM, Direct Vent
NR111-OD	11.1 GPM, Outdoor
NR111-SV	11.1 GPM, Single Vent
NR501-OD	5.0 GPM, Outdoor
NR50-OD	5.0 GPM, Outdoor
NR662-OD	6.6 GPM, Outdoor
NER66OD (GQ-2039WS ET US)	6.6 GPM, Outdoor
NR66-OD	6.6 GPM, Outdoor
NR66-SV	6.6 GPM, Single Vent
NR71-OD	7.1 GPM, Outdoor
NR71-SV	7.1 GPM, Single Vent



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NR83-DVC	8.3 GPM, Concentric Vent
NR83DVC (GQ-2457WS-FFA US)	8.3 GPM, Concentric Vent
NR981-DVC	9.8 GPM, Concentric Vent
NR981-OD	9.8 GPM, Outdoor
NR981-SV	9.8 GPM, Single Vent
NR98-DVC	9.8 GPM, Concentric Vent
NR98DVC (GQ-2857WX-FFA US)	9.8 GPM, Concentric Vent
NR98-OD	9.8 GPM, Outdoor
NR98OD (GQ-2857WX US)	9.8 GPM, Outdoor
NR98-SV	9.8 GPM, Single Vent
NR98SV (GQ-2857WX-F US)	9.8 GPM, Single Vent
NRC1111-DV	11.1 GPM, Direct Vent, Condensing
NRC1111-OD	11.1 GPM, Outdoor, Condensing
NRC111-DV	11.1 GPM, Direct Vent, Condensing
NRC111DV (GQ-C3257WX-FF US)	11.1 GPM, Direct Vent, Condensing
NERC11DV (GQ-C3257WX-FF ET US)	11.1 GPM, Direct Vent, Condensing
NRC111OD (GQ-C3257WX US)	11.1 GPM, Outdoor, Condensing
NRC111-SV	11.1 GPM, Single Vent, Condensing
NRC661A-DV	6.6 GPM, Direct Vent, Condensing
NRC661A-OD	6.6 GPM, Outdoor, Condensing
NRC661-DV	6.6 GPM, Direct Vent, Condensing
NRC661-OD	6.6 GPM, Outdoor, Condensing
NRC663 -FSV	6.6 GPM, Flex Single Vent, Condensing
NRC711-DV	11.1 GPM, Direct Vent, Condensing
NRC711-OD	7.1 GPM, Outdoor, Condensing
NRC83-DV	8.3 GPM, Direct Vent, Condensing
NRC83-OD	8.3 GPM, Outdoor, Condensing
NRC98-DV	9.8 GPM, Direct Vent, Condensing
NRC98DV (GQ-C2857WS-FF US)	9.8 GPM, Direct Vent, Condensing
NERC98DV (GQ-C2857WS-FF ET US)	9.8 GPM, Direct Vent, Condensing
NRC98-OD	9.8 GPM, Outdoor, Condensing
NRC98OD (GQ-C2857WS US)	9.8 GPM, Outdoor, Condensing
NR83OD(GQ-2457WS US)	8.3GPM, Outdoor
NRCR92DV (GQ-C2660WXQ-FF US)	9.2 GPM, Direct Vent, Condensing
NRCR111DV (GQ-C3260WXQ-FF US)	11.1 GPM, Direct Vent, Condensing

Commercial Gas Tankless Water Heater:

<u>Model No.</u>	<u>Description</u>
N-084M-ASME	8.4 GPM, Single Vent
N-084M-DV-ASME	8.4 GPM, Direct Vent
N-0931M-ASME	9.3 GPM, Single Vent
N-0931M-DV-ASME	9.3 GPM, Direct Vent
N-132	13.2 GPM, Single Vent
N-1321M-ASME	13.2 GPM, Single Vent
N-132M-ASME	13.2 GPM, Single Vent
NC1991-DVC	9.8 GPM, Concentric Vent



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Product: Water Heaters (Tankless)

File No. 4334

Issued To: Noritz America Corporation

NC1991-OD	9.8 GPM, Outdoor
NC199-DVC	9.8 GPM, Concentric Vent
NC199DVC (GQ-2857WZ-FFA US)	9.8 GPM, Concentric Vent
NC199-OD	9.8 GPM, Outdoor
NC199OD (GQ-2857WZ US)	9.8 GPM, Outdoor
NC250-DV-ASME	11.1 GPM, Direct Vent
NC250-SV-ASME	11.1 GPM, Single Vent
NC380-SV-ASME	13.2 GPM, Single Vent
NCC1991-DV	11.1 GPM, Direct Vent, Condensing
NCC1991-OD	11.1 GPM, Outdoor, Condensing
NCC1992-DV	11.1 GPM, Outdoor, Condensing
NCC199CDV (GQ-C3259WZ-FF US)	11.1 GPM, Direct Vent, Condensing
NCC199CDV (GQ-C3260WZ-FF US)	11.1 GPM, Direct Vent, Condensing
NCC199-DV	11.1 GPM, Direct Vent, Condensing
NCC199DV (GQ-C3257WZ-FF US)	11.1 GPM, Direct Vent, Condensing
NCC199OD (GQ-C3257WZ US)	11.1 GPM, Outdoor, Condensing
NCC199-SV	11.1 GPM, Single Vent, Condensing
NCC300DV(GQ-C5032WZ-FF US)	13.2 GPM , Direct Vent, Condensing
NCC300OD(GQ-C5032WZ US)	13.2 GPM , Outdoor, Condensing