

IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: October 2014

Void After: October 2015

Product: Water Heaters (Tankless)

File No. 8991

Issued To: Kiturami
396, Gonghang-daero
Gangseo-gu, Seoul
157-927
,
Korea

Identification: Manufacturer's name or trademark, model number, fuel gas rating or electrical power rating and cUPC® certification mark. cUPC® 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.


Chairman, Product Certification Committee


CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.



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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 code(s):

Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada

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

ANSI Z21.10.3-2013/CSA 4.3-2013



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MODELS:

<u>Model No.</u>	<u>Description</u>
KGWH-180FR	Gas-Fire Instantaneous Water Heater
KGWH-190FR	Gas-Fire Instantaneous Water Heater



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ADDITIONAL COMPANY INFO:

Noritz America Corporation

<u>Model No.</u>	<u>Description</u>
NRCP 982-DV	Gas-Fire Instantaneous Water Heater
NRCP 1112-DV	Gas-Fire Instantaneous Water Heater

South Coast Air Quality Management District (SCAQMD)
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 October 30, 2014)
 NOTE: The SCAQMD does not endorse or warrant any specific product or manufacturer

Company/Brand Name	Type 2 (> 400,000--2,000,000 BTU/HR) (Complies with 14 ng/J or 20 ppm NOx @ 3% O2)	Type 1 (< 400,000 BTU/HR) (Complies with 14 ng/J or 20 ppm NOx @ 3% O2)	Type 1 (< 400,000 BTU/HR) (Complies with 40 ng/J or 55 ppm NOx @ 3% O2) (Certification expires 12/31/2011, Except for Pool Heaters) (Sell-through until 12/31/2012, Except for Pool Heaters)	CONTACT Phone/E-mail/Web
Lochinvar-1	<p>Power-Fin: P(B,F)N0501, P(B,F)N0751, P(B,F)N1001, P(B,F)N1300, P(B,F)N0502, P(B,F)N0752, P(B,F)N1002, P(B,F)N1302, P(B,F)N1501, P(B,F)N1701, P(B,F)N2001</p> <p>Intelli-Fin: (B,W)N1500, (B,W)N1700, (B,W)N2000</p> <p>Copper-Fin: C(B,W)N0495, C(B,W)N0645, C(B,W)N0745, C(B,W)N0896, C(B,W)N1256, C(B,W)N1436, C(B,W)N1736, C(B,W)N2086, C(H,F,P)N0401, C(H,F,P)N0501, C(H,F,P)N0651, C(H,F,P)N0751, C(H,F,P)N0991, C(H,F,P)N1261, C(H,F,P)N1441, C(H,F,P)N1801, C(H,F,P)N2071</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	<p>Knight: KBN080, KBN081, KBN105, KBN106, KBN150, KBN151, KBN210, KBN211, KBN285, KBN286, KBN399, KBN400, WAN125PM, ARMOR: AWN150PM, AWN151PM, AWN199PM, AWN200PM, AWN285PM, AWN286PM, WAN200PM</p> <p>Armor: AWN399PM, AWN400PM</p> <p>Shield: SNR150-100, SNR200-100, SNA285-125, SNA400-125, SNA500-125, SNA126-060, SNR151-100, SNA151-100, SNR201-100, SNA201-100, SNA286-125, SNA401-125, SNA501-125</p> <p>Wall Hung: WHN055, WHN085, WHN110, WHN155, WHN199, WHN285, WHN399</p> <p>Discontinued Models: WBN050, WBN051, WBN080, WBN081, WBN105, WBN106, WBN150, WBN151, WBN210, WBN211</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	<p>Efficiency Plus Group: EV(N)L150, 200, 250, 300, ERN (152, 202, 252, 302, 402), ERL (152, 202, 252, 302, 402)</p> <p>EnergyRite: ETN076, CNR080-076, DVN076-2, STN100, STN076-2, ETN100, ETN100-2, CNR085-100, CNR125-075-DF9-SC, CNR155-035-DF9-SC, CNR160-075-DF9-SC, CNR180-080-DF9-SC, CNR200-080-DF9-SC, CNR200-100-DF9-SC, CNR250-100-DF9-SC, CNA251-100-DF9-SC, CNR300-075-DF9-SC, CNA301-075-DF9-SC, CNR370-065-DF9-SC, CNA371-065-DF9-SC, CNR199-100-DF9-2SC, CNR400-080-DF9-2-SC, CNA401-080-DF9-2-SC, DNA301-080-SC, DNA361-100-SC, PNR150-080-SC, PNR200-080-SC, PNR250-080-SC, PNR150-100-SC, PNR200-100-SC, PNR250-100-SC, TNR125-060, TNA126-060, TNR150-060, TNA151-060, TNR200-060, TNA201-060, TNR150-100, TNA151-100, TNR200-100, TNA201-100, TNR250-100, TNA251-100, TNR300-100, TNA301-100, TNR400-100, TNA401-100</p> <p>Discontinued Models: ERLN 401, ERLN 301, ERLN 251, ERLN 201, ERL-N 151, EB(N)L150, 200, 250, 300</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	Lisa Davis 615-889-8900 x2229
Lochinvar-2	<p>Copper-Fin: C(B,W)N0497, C(B,W)N0647, C(B,W)N0747, C(B,W)N0897, C(B,W)N1257, C(B,W)N1437, C(B,W)N2067, C(H,F,P)N0402, C(H,F,P)N0502, C(H,F,P)N0652, C(H,F,P)N0752, C(H,F,P)N0992, C(H,F,P)N1262, C(H,F,P)N1442, C(H,F,P)N1802, C(H,F,P)N2072 (BY EXT-10-27-10)</p> <p>Knight: KBN500, KBN501, OKN501</p> <p>Knight XL: KBN600, KBN601, OKN601, KBN700, KBN701, OKN701, KBN800, KBN801, OKN801</p> <p>Sync: SBN1000, SBN1300, SBN1500</p> <p>Armor: AWN500PM, AWN 501PM, OAN501PM</p> <p>Armor XL: AWN600, AWN601PM, OAN601PM, AWN700, AWN701, OAN701PM, AWN800, AWN801, OAN801PM</p> <p>Armor X2: AWN1000PM, AWN1300PM, AWN1500PM</p> <p>Shield: SNA500-125</p> <p>Crest: FBN1500, FBN2000, FBD1500, FBD2000</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	<p>Knight: KBN080, KBN081, KBN105, KBN106, KBN150, KBN151, OKN151, KBN210, KBN211, OKN211, KBN285, KBN286, KKN286, KBN399, KBN400, OKN400</p> <p>Knight Wall Mount: WBN050, WBN051, WBN080, WBN081, WBN105, WBN106, WBN150, WBN151, WBN210, WBN211</p> <p>Armor: AWN150PM, AWN151PM, OAN151PM, AWN199PM, AWN200PM, OAN200PM, AWN285PM, AWN286PM, OAN286PM, ARMOR: AWN399PM, AWN400PM, OAN400PM</p> <p>Shield: SNR150-100, SNR200-100, SNA285-125, SNA400-125, SNA500-125</p> <p>Wall Hung: WHN055, WHN085, WHN110, WHN155, WHN199, WHN285, WHN399</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	<p>Efficiency Plus Group: E(B,W)N(L)150, 200, 250, 300, ERN (152, 202, 252, 302, 402), ERL (152, 202, 252, 302, 402)</p> <p>EnergyRite: ETN076, CNR080-076, DVN076-2, STN100, STN076-2, ETN100, ETN100-2, CNR085-100, CNR125-075-DF9-SC, CNR155-035-DF9-SC, CNR160-075-DF9-SC, CNR180-080-DF9-SC, CNR200-080-DF9-SC, CNR200-100-DF9-SC, CNR250-100-DF9-SC, CNA251-100-DF9-SC, CNR300-075-DF9-SC, CNA301-075-DF9-SC, CNR370-065-DF9-SC, CNA371-065-DF9-SC, CNR199-100-DF9-2SC, CNR400-080-DF9-2-SC, CNA401-080-DF9-2-SC, DNA301-080-SC, DNA361-100-SC, PNR150-080-SC, PNR200-080-SC, PNR250-080-SC, PNR150-100-SC, PNR200-100-SC, PNR250-100-SC, TNR125-060, TNA126-060, TNR150-060, TNA151-060, TNR200-060, TNA201-060, TNR150-100, TNA151-100, TNR200-100, TNA201-100, TNR250-100, TNA251-100, TNR300-100, TNA301-100, TNR400-100, TNA401-100</p> <p>Discontinued Models: ERLN 401, ERLN 301, ERLN 251, ERLN 201, ERL-N 151</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	Lisa Davis 615-889-8900 x2229
Lochinvar-3	FTX500N, FTX600N, FTX725N, FTX850N	<p>CLN199100 100, CLN199100 200, CLN19980 200, CLN275085 100, CLN275085A 100, CLN400085 100, CLN400085A 100, CDN040, CDN070, CDN100, CDN120, CCN120, CLN075100 100, UTN10075 100, UBG2F75T4N100, CLN120080 104, CLN154080 104, CLN180100 104, CLN199100 104, CLN250100 104, CLN250100A 104, CLN275085 104, CLN275085A 104, CLN310085A 104, CLN366085 104, CLN366085A 104, CLN400085 104, CLN400085A 104, CLN400085A 104, FTX400N, CLN120080 200, CLN154080 200, CLN180080 200, CLN250100 200, CLN250100A 200, CLN275100 200, CLN275100A 200, CLN310085 200, CLN310085A 200, CLN366085 200, CLN366085A 200, CLN390085 200, CLN390085A 200</p>	<p>CGN075075, LTN(07575, 07575ST) CGN075100, LTN10075 LVN(07580, 07580ST) CXN(120070, 155080, 180100) CXN(199100, 250100, 275100, 310085, 365085, 400085)(A)</p> <p><i>Note: Additional letters and/or numbers may be placed (as suffix) to indicate trim packages and/or tracking numbers</i></p>	Lisa Davis 615-889-8900 x2229
Marathon International		BAXI HT 380, BAXI HT 1.330, BAXI Luna Duo Tec 40GA, BAXI Luna Duo Tec 1.330GA		Mike Thomas 905-602-5360, 416-878-8137
McKenna Boiler	MH-15, MH-20, MH-25, MH-30, MH-40, MH-50	MH-10		
Miura Boiler West, Inc.	LX-50G, LX-50SG, LXW-50G, LXL-50G, LXL-50SG			Ricardo Alcantara 626-305-6622 rick.alcantara@miuraboller.com www.miuraboller.com
Monitor Products, Inc.			MZ25S, MZ25C, MZ40C, MZ20-40C MWH-180 (indoor), MWH-180EX (Outdoor)	Bogdan Blicharz 608-584-0505 x 21
Navien, Inc.		<p>CR-180A NG, CR-210A NG, CR-240A NG, CR-180 NG, CR-210 NG, CR-240 NG CB-180, CB-210, CB-240 CH-180, CH-210, CH-240 CH-240 ASME CH-180 ASME, CH-210 ASME NR-180 NG, NR-180A NG, NP-180 NG, NP-180A NG, NR-210 NG, NR-210A NG, NP-210 NG, NP-210A NG, NR-240 NG, NR-240A NG, NP-240 NG, NP-240A NG, NPE-180A NG, NPE-210A NG, NPE-240A NG, NPE-180S, NPE-210S, NPE-240S, NCB-180, NCB-210, NCB-240</p>		Kevin Pirotn 949-420-0420
Noritz America Corp.		<p>NR83-DVC NRC98-(OD, DV) NRC83-(OD, DV), NRC661-(OD,DV), NRC1111-(OD,DV), NCC1991-(OD,DV), NCC1992-DV, NR981-(OD,DV), NCC1991-(OD,DV), NR981-SV, ENR91W/30LS, ENR91W/30LS, NR501-OD-NSA, NR662-OD-NSA, NRC711-DV, NRC711-OD, NRC661A-DV, NRC661A-OD, NRC982-DV, NRCP1112-DV, NRC663-FSV</p>	<p>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</p> <p>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</p> <p>NR66-SV, NR66-OD, NR71-SV, NR71-OD, NR66-SV, NR66-OD, NR66-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)</p> <p>NR50-OD</p>	Stephanie Salas 714-433-2905 x7841 Fax 714-241-1196 ssalas@noritz.com
Pacific Steam	BP-210, BP-300, BP-300S, BP-400, BP-500	BP-100, BP-100S, BP-200, BP-200S, BP-200SX		David Kang 562-906-9292 skang@pacificsteam.com