



Township Archives
Township of Brick, NJ
401 Chambers Bridge Rd, Brick, NJ 08723

***This File Contains Personal Identifiable
Information of Private Citizen(s).***

Certain information contained in this file is *Exempt from Release* under the Open Public Records Act (OPRA) (Public Law 2001, CHAPTER 404 (N.J.S.A. 47:1A-1 et seq.)) and Executive Orders issued by the Governor of New Jersey. The following information **MUST** be redacted prior to release:

- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

A handwritten signature in black ink, appearing to read "Bryan J. Dickerson".

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020

BLOCK 836 LOT 26 QUALIFICATION CODE _____ ADDRESS (SITE) 1672 Harvard Ave.

PERMIT NO. 21-2908



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

C-21-003950

I. IDENTIFICATION

1. Proposed Work Site at: 1672 Harvard Ave.
 2. Name of Owner in Fee: Premium Enterprises LLC
 Tel. 732-278-6436 e-mail galino@live.com
 Address 128 Captains Drive Brick NJ 08723
 3. Ownership in Fee: Public _____ Private X
 4. Principal Contractor: Kenneth M. Jones Tel. 732 814 3011
 Address 114 SHELLEY LANE e-mail _____
BAQUILLE NJ 08721
 License No. OR, if new home, Builder Reg. No. 12882 Exp. Date 6/23
 Home Improvement Contractor Registration No. or Exemption Reason _____
 Federal Emp. ID No. 261795012 FAX: _____
 5. Architect or Engineer _____ Contact _____
 Address _____ e-mail _____
 Tel. _____ FAX: _____
 6. Responsible Person in Charge once Work has Begun Greg ALINO
 Tel. 732 278 6436 FAX: _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$	1511	150
2. Electrical	\$		
3. Plumbing	\$		
4. Fire Protection	\$		
5. Elevator Devices Mechanical	\$	125	
6. Subtotal	\$		
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$		
9. State Permit Surcharge Fee	\$		
10. Subtotal	\$		
11. Cert. of Occupancy	\$		
12. Other	\$		
13. TOTAL	\$	884	150

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories _____
 2. Height of Structure _____ ft.
 3. Area — Largest Floor _____ sq. ft.
 4. New Building Area _____ sq. ft.
 5. Volume of New Structure _____ cu. ft.
 6. Max. Live Load _____
 7. Max. Occupancy Load _____
 8. If Industrialized Building: State Approved _____ HUD _____
 9. Total Land Area Disturbed _____ sq. ft.
 10. Flood Hazard Zone _____
 11. Base Flood Elevation _____ ft.
 12. Wetlands yes _____ no _____

(office use only)

IIa. PROPOSED WORK

- ☐ Minor Work ☐ New Building ☐ Addition ☐ Demolition
☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction
☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

Navien water heater

III. SUBCODES

(check all that apply)

Building

Electrical

Plumbing

Fire Protection

☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer

TOTAL COST \$0

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
 2. Use Group, Proposed: Select Group
 3. Change in Use Group, Indicate Present: Select Group
 4. No. of dwelling units: Total Units Income-restricted
 Gained, Sale _____
 Gained, Rental _____
 Lost, Sale _____
 Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
 2. Use Group, Proposed: Select Group
 3. Change in Use Group, Indicate Present: Select Group

C. MIXED USE -List secondary use(s):

- D. Construct. Classification: Present _____
 Proposed _____

III. PLAN REVIEW (optional)

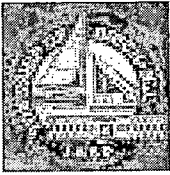
DO YOU WANT:

1. ☐ Partial Releases
 2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
 2. ☐ High Pressure Boilers
 3. ☐ Pressure Vessels
 4. ☐ Refrigeration Systems
 5. ☐ Cross-Connections/Backflow Preventers
 6. ☐ Hazardous Uses/Places of Assembly
 7. ☐ Sprinklers/Standpipes
 8. ☐ Smoke Control Systems in Open Wells
 9. ☐ Underground Storage Tanks
 10. ☐ Swimming Pools, Spas and Hot Tubs
 11. ☐ LPGas Tanks
 12. ☐ Fire Alarm

RECEIVED
OCT 18 2021
BUILDING



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 01/11/2022
Control Number C-21-003950
Permit Number 21-2908
Permit Issue Date 11/05/2021
Certificate Number 21-2908

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 1672 HARVARD AVE. Brick Township, NJ Block: 836 Lot: 26 Qual: _____
Owner in Fee: PREMIUM ENTERPRISES LLC
Owner Address: PO BOX 4117 BRICK NJ 08723
Telephone: (732) 278-6436
Contractor Kenneth M Jones
Address 114 Shelly Lane Bayville NJ 08721
Telephone: (732) 814-3011 Fax: (732) 279-3922 Federal Emp. Number: 261795012
License Number or Builders Registration Number: _____

Home Warranty Number: _____ Type of Warranty Plan: ☐ State ☐ Private

Use Group: R-5 Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: ALTERATION - RESIDENTIAL - ...NAVIEN COMBI-BOILER

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

David Newman Jr

Construction Official

Date Printed: 01/11/2022

U.C.C. F260 (rev. 08/05)

Fee: \$0.00

Check Number: _____

Collected By: _____

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

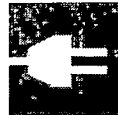
Agent Name Kenneth M Jones
Address 114 SHELLY LANE
BAYVILLE N.J. 08021
Telephone 732 814 3011
Signature Ken Jones

- III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:23-2.15(b)4.

- IV. ☐ HOME ELEVATION: Include Home Elevation Contractor Certification as per N.J.S.A. 52:27D-123.16.



ELECTRICAL SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 836 Lot 26 Qualification Code _____
Work Site Location 1672 Harvard Ave

Owner in Fee: Premium Enterprises LLC

Tel. 732 278-6436 e-mail galino@live.com

Address 128 Captains Drive Brick NJ 08723

Contractor: Kenneth M. Jorda Tel. 732 814 3011

Address 1145 Hellely Lane Bayville NJ 08721 e-mail _____

Contractor License No. PL#12E22 Exp. Date 6/23

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 261795012 FAX: _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 500

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Failure	Approval
[] No Plans Required		Rough			
[] Partial Under-slab Utilities Approved		Barrier-Free			
Date: _____ Approved by: _____		Trench			
[] Electric Plans Approved		Temp. Serv.			
Date: <u>10-26-21</u> Approved by: <u>Spec</u>		Constr. Serv.			
Joint Plan Review Required:		ICC			
[] Bldg. [] Plumb. [] Fire. [] Elev.		Other			
SUBCODE APPROVAL for PERMIT		Service			
Date: <u>10-27-21</u>		Final	<u>11-29-21</u>	<u>12-27-21</u>	
Approved by: <u>VM</u>		Barrier-Free			
SUBCODE APPROVAL for CERTIFICATE		Temp. Cut-in-Card Date Issued			
[] CO [] CCO [] CA		Final Cut-in-Card Date Issued			
Date: <u>12-28-21</u>		Annual Pool Inspection			
Approved by: <u>VM</u>		Date of Grounding and Bonding Certification			

Date Received
Control #
Date Issued
Permit #

1/15/21
21-GE-2908
Permit #
Exempt Application

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here:

Kenneth M. Jorda

Print name here:

[] Licensed Electrical Contractor

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Boiler, Connection

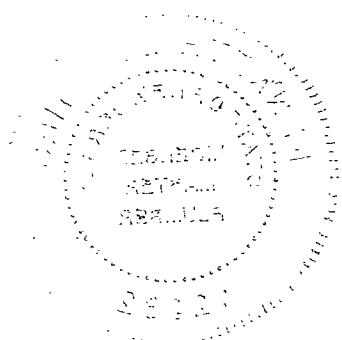
QTY.	SIZE	ITEMS	FEE (Office Use Only)
_____	_____	Lighting Fixtures	_____
_____	_____	Receptacles	_____
_____	_____	Switches	_____
_____	_____	Detectors	_____
_____	_____	Light Poles	_____
_____	_____	Motors—Fract. HP	_____
_____	_____	Emergency & Exit Lights	_____
_____	_____	Communications Points	_____
_____	_____	Alarm Devices/F.A.C. Panel	_____
_____	_____	TOTAL NUMBERS	_____
_____	_____	Pool Permit/with UW Lights	_____
_____	_____	Storable Pool/Spa/Hot Tub	_____
_____	_____	KW Elec. Range/Receptacle	_____
_____	_____	KW Oven/Surface Unit	_____
_____	_____	KW Elec. Water Heater	_____
_____	_____	KW Elec. Dryer/Receptacle	_____
_____	_____	KW Dishwasher	_____
_____	_____	HP Garbage Disposal	_____
_____	_____	KW Central A/C Unit	_____
_____	_____	HP/KW Space Heater/Air Handler	_____
_____	_____	KW Baseboard Heat	_____
_____	_____	HP Motors 1/+ HP	_____
_____	_____	KW Transformer/Generator	_____
_____	_____	AMP Service	_____
_____	_____	AMP Subpanels	_____
_____	_____	AMP Motor Control Center	_____
_____	_____	KW Elec. Sign/Outline Light	_____

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

11-29-21 @

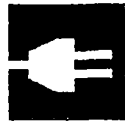
Need elec permit / License elect.
Needed

2 outlets / 2 switches





ELECTRICAL SUBCODE TECHNICAL SECTION



update
12/21

Date Received
Control #
Date Issued
Permit #

12/27/21
21-2908+A

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 836 Lot 26 Qualification Code _____
Work Site Location 1672 Harvard Ave. Brick NJ

Owner in Fee: Premium Enterprises LLC

Tel. (732) 278-6436 e-mail _____

Address PO Box 4117, Brick NJ 08724

Contractor: Hi-Tech Security & Electric Inc. Tel. (732) 800-3030

Address 1900 4th Ave. e-mail waltergabela@yahoo.com

Spring Lake NJ 07762

Contractor License No. #14404 Exp. Date 03/30/2024

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 223568295 FAX: (732) 449-3457

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed XX

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as Residence Utility Co. _____

Est. Cost of Elec. Work \$ 200

JOB SUMMARY (Office Use Only)	
PLAN REVIEW	
☒ No Plans Required <u>12-7-21</u>	
☐ Partial -Underslab Utilities Approved	
Date: _____	Approved by: _____
☐ Electric Plans Approved	
Date: _____	Approved by: _____
Joint Plan Review Required:	
☐ Bldg. ☐ Plumb. ☐ Fire. ☐ Elev.	
SUBCODE APPROVAL for PERMIT	
Date: <u>12-7-21</u>	Approved by: <u>MM</u>
SUBCODE APPROVAL for CERTIFICATE	
☐ CO ☐ CCO ☒ CA	
Date: <u>12-28-21</u>	Approved by: <u>MM</u>

INSPECTIONS	Dates (Month/Day)				
	Type:	Failure	Failure	Approval	Initial
Rough	_____	_____	_____	_____	_____
Barrier-Free	_____	_____	_____	_____	_____
Trench	_____	_____	_____	_____	_____
Temp. Serv.	_____	_____	_____	_____	_____
Constr. Serv.	_____	_____	_____	_____	_____
TCO	_____	_____	_____	_____	_____
Other:	_____	_____	_____	_____	_____
Service:	_____	_____	_____	_____	_____
Final	_____	_____	_____	_____	_____
Barrier-Free	_____	_____	_____	_____	_____
Temp. Cut-in-Card	_____	_____	_____	_____	_____
Final Cut-in-Card	_____	_____	_____	_____	_____
Annual Pool Inspection	_____	_____	_____	_____	_____
Date of Grounding and Bonding Certification	_____	_____	_____	_____	_____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: Walter Gabela

Print name here: Walter Gabela

☒ Licensed Elec. Contractor [] Certif'd Landscape Irrigation Contr'r [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
Remove Wiring to Boilers. Install Wiring to New

QTY.	SIZE	ITEMS	FEE (Office Use Only)
<u>2</u>		Lighting Fixtures	
<u>2</u>		Receptacles	
		Switches	
		Detectors	
		Light Poles	
		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
<u>0</u>		TOTAL NUMBERS	\$ _____
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
		KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
		KW Central A/C Unit	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
		AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
<u>2</u>		KW Elec. Sign/Outline Light	
		Boilers	

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____



PERMIT UPDATE

Date Update Issued _____
Control # C-21-003950+A
Permit # 21-2908+A

IDENTIFICATION Block: 836 Lot: 26 Qualifier _____
Work Site Location: 1672 HARVARD AVE. Brick Township, NJ Contractor Kenneth M Jones
Address 114 Shelly Lane Bayville NJ 08721
Owner in Fee PREMIUM ENTERPRISES LLC
PO BOX 4117 BRICK NJ 08723 Telephone: (732) 814-3011
Lic. No. or Bldrs. Reg. No. 3026 12882
Telephone: (732) 278-6436 Federal Employee No. 261795012

Is hereby granted permission to perform the following work:

- ☐ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

ALTERATION - RESIDENTIAL...UPDATE +A- ELECTRICAL FOR NAVIEN PER INSPECTION

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$200

[Signature]
Construction Official

12/10/21
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$150
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$0
CO Fee	
Other	\$0
Total	\$150
Check No.	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.



PLUMBING SUBCODE TECHNICAL SECTION



Date Received
Control #

Date Issued
Permit #

11/5/21
21-2908

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 836 Lot 26 Qualification Code _____
Work Site Location 1672 Harvard Ave - Brick NJ 08729

Owner in Fee: Premium Enterprises LLC
Tel. 732 278-6436 e-mail gialino@live.com

Address 128 Captains Drive Brick NJ 08729

Contractor: Kenneth M Jones Tel. 732 814 3011

Address 114 Sikelley Lane Bayville NJ 08221 e-mail _____

Contractor License No. 12892 Exp. Date 6/23

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 261295012 FAX: _____

B. PLUMBING CHARACTERISTICS

Use Group Present 4/1 Proposed _____

Building Sewer Size 4/1 Public Sewer _____ Private Septic _____

Water Service Size 3/4 Public Water _____ Private Well _____

Est. Cost of Plumbing Work \$ 200

JOB SUMMARY (Office Use Only)		Dates (Month/Day)				
PLAN REVIEW		INSPECTIONS				
[] NO Plans Required		Type:	Failure	Failure	Approval	Initial
[] Partial Underslab Utilities Approved		Slab				
Date: _____ Approved by: _____		Rough				
[] Plumbing Plans Approved		Water				
Date: _____ Approved by: _____		Sewer				
Joint Plan Review Required:		Fixtures				
[] Bldg [] Elec [] Fire [] Elev.		Gas Equipment				
SUBCODE APPROVAL for PERMIT		Gas Piping				
Date: <u>10-28-21</u>		LPGas Tank				
Approved by: <u>WJ</u>		Fuel Oil Piping				
SUBCODE APPROVAL for CERTIFICATE		Solar				
[] CO [] CCO [] CA		TCO				
Date: <u>11-30-2021</u>		Final				
Approved by: <u>WJ</u>						

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here:

Print name here:

☒ Licensed Contractor

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Boiler Replacement

QTY.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
_____	Water Closet	\$ _____
_____	Urinal/Bidet	_____
_____	Bath Tub	_____
_____	Lavatory	_____
_____	Shower	_____
_____	Floor Drain	_____
_____	Sink	_____
_____	Dishwasher	_____
_____	Drinking Fountain	_____
_____	Washing Machine	_____
_____	Hose Bibb	_____
_____	Water Heater	_____
_____	Fuel Oil Piping	_____
_____	Gas Piping	_____
_____	LPGas Tank	_____
_____	Steam Boiler	_____
_____	Hot Water Boiler	_____
_____	Sewer Pump	_____
_____	Interceptor/Separator	_____
_____	Backflow Preventer	_____
_____	Greasetrap	_____
_____	Sewer Connection	_____
_____	Water Service Connection	_____
_____	Stacks	_____
_____	Other	_____

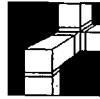
201
1

Two Total NAVIGUS

Administrative Surcharge	\$ _____
Minimum Fee	\$ _____
State Permit Surcharge Fee	\$ _____
TOTAL FEE	\$ _____



MECHANICAL INSPECTION TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 836 Lot 26 Qualification Code _____
Work Site Location 1672 Harvard Ave.

Owner in Fee: Premium Enterprises LLC
Tel. 732-278-6436 e-mail galino@live.com
Address 128 Captains Drive Brick NJ 08723

Contractor: Kenneth M Jones Tel. 732 214 3611
Address 114 Shelley Lane Bayville NJ 08721 e-mail _____

Contractor License No. 128822 Exp. Date 6/23
Home Improvement Contractor Registration No. or Exemption Reason _____
Federal Emp. ID No. 261795012 FAX: _____

B. MECHANICAL CHARACTERISTICS

Use Group Present: R-5

Heating System work: ☒ New OR ☐ Modification to Existing OR ☐ Conversion OR ☐ Replacement
Type: ☒ Hydronic ☐ Hot Air

Fuel Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar ☐ Other _____

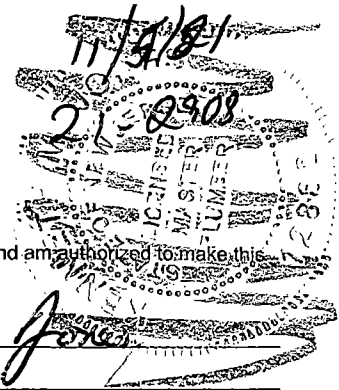
Estimated Cost of Mechanical Work \$ 4000

JOB SUMMARY (Office Use Only)				
PLAN REVIEW	INSPECTIONS	DATES		
☒ No Plans Required	Type: _____	Failure	Failure	Approval
☐ Mechanical Plans Approved	Water Heater	_____	_____	_____
Date: _____ Approved by: _____	Appliance	_____	_____	_____
Joint Plan Review Required:	Chimney/Vent	_____	_____	_____
☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Fire.	Piping	_____	_____	_____
☐ Elev.	Tank	_____	_____	_____
SUBCODE APPROVAL for PERMIT	Cooling/AC	_____	_____	_____
Date: <u>10-27-21</u>	Generator	_____	_____	_____
Approved by: <u>[Signature]</u>	Fireplace	_____	_____	_____
SUBCODE APPROVAL for CERTIFICATE	Chimney Cert.	_____	_____	_____
Date: <u>11-30-2021</u>	Other	_____	_____	_____
Approved by: <u>[Signature]</u>	Final	_____	_____	_____

Two TOTAL NAVIENS

Date Received
Control #

Date Issued
Permit #



C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Applicant sign/Contractor sign and seal here: Kenneth M Jones

Print name here: _____

☐ Licensed Contractor

☐ Exempt Applicant

D. TECHNICAL SITE DATA

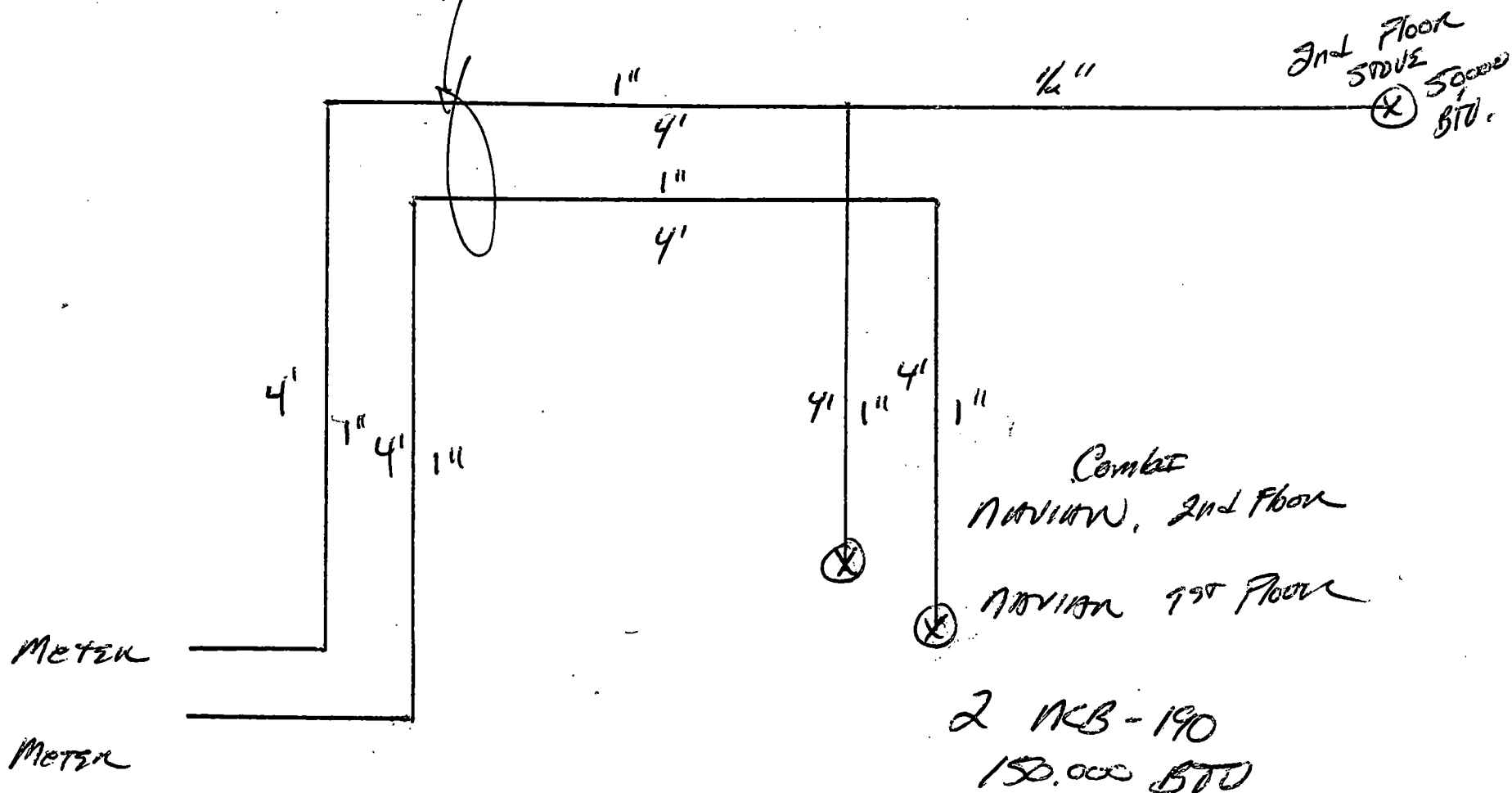
DESCRIPTION OF WORK

Boiler Replacement
Navien

NO.	FIXTURE/EQUIPMENT
_____	Water Heater
_____	Fuel Oil Piping Connections
_____	Gas Piping Connections
_____	Steam Boiler
_____	Hot Water Boiler
_____	Hot Air Furnace
_____	Oil Tank
_____	LPG Tank
_____	Fireplace
_____	Generator
_____	Other

FEE (Office Use Only)

Administrative Surcharge	\$ _____
Minimum Fee	\$ _____
State Permit Surcharge Fee	\$ _____
TOTAL FEE	\$ _____





Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 11/5/2021
Control Number C-21-003950
Permit Number 21-2908

Construction Inspection Identification

Work Site Location: 1672 HARVARD AVE. Brick Township, NJ

Block: 836

Lot: 26

Owner in Fee: PREMIUM ENTERPRISES LLC

Owner Address: PO BOX 4117 BRICK NJ 08723

Telephone: (732) 278-6436

Inspection Details

Start Date: 11/29/2021

Start Time: 12:00

Subcode: Electrical

Inspector: Stuart Safeer

Inspection Level: Progress inspection

Inspection Type: Final

Result: Fail

Result Comments: need update permit for 2 new outlets and 2 new switches

Inspection Comment: Agent: Kenneth M Jones
Phone: (732) 814-3011/



PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

New Jersey Office of the Attorney General

Division of Consumer Affairs
Board of Examiners of Electrical Contractors
124 Halsey Street, 6th Floor, Newark NJ 07102



GURBIR S. GREWAL
Attorney General

KAITLIN A. CARUSO
Acting Director

Mailing Address:
P.O. Box 45006
Newark, NJ 07101
(973) 504-6410
(973) 504-6534

June 22, 2021

TO WHOM IT MAY CONCERN

Our records indicate that the holder of License and Business Permit No. 34EB01440400 has applied to the Board of Electrical Contractors for a pressure seal which has not yet been issued to him/her by the vendor.

Please accept this sealed letter as an interim device pending the furnishing of a seal to:

WALTER GABELA
HI-TECH SECURITY AND ELEC INC
1900 4th Avenue
Spring Lake NJ 07762

This letter will be rendered invalid **300 days** after the date of its issuance.

Sincerely,

Philameana L. Tucker
Executive Director

PLT:gkb

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Examiners of Electrical Contractors

HAS LICENSED

HI-TECH SECURITY AND ELEC INC
WALTER GABELA
1900 4th Avenue
Spring Lake NJ 07762

FOR PRACTICE IN NEW JERSEY AS A(N): Electrical Business Permit

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Examiners of Electrical Contractors
HAS LICENSED
HI-TECH SECURITY AND ELEC INC
Electrical Business Permit

03/12/2021 TO 03/31/2024

VALID

34EB01440400

License/Registration/Certificate #

SIGNATURE

Mark D'Amico
ACTING DIRECTOR

03/12/2021 TO 03/31/2024

VALID

34EB01440400

LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:

Board of Examiners of Electrical Contractors
P.O. Box 45006
Newark, NJ 07101

PLEASE DETACH HERE

HI-TECH SECURITY AND ELEC INC

EXPIRATION DATE 2024

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 34EB 01440400 . PLEASE USE IT IN ALL
CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS
CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED
BELOW.

Board of Examiners of Electrical Contractors
P.O. Box 45006
Newark, NJ 07101

PRINT YOUR NEW ADDRESS OF RECORD BELOW.

YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON
YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE
AVAILABLE TO THE PUBLIC.

HOME ☐

BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

PRINT YOUR NEW MAILING ADDRESS BELOW.

YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY
THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL
CORRESPONDENCE.

HOME ☐

BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be
within reasonable proximity of your original license/registration/certificate at your principal office or place of business.



CONSTRUCTION PERMIT

Date Issued 11/5/12
Control # C-21-003950
Permit # 31108

IDENTIFICATION Block: 836 Lot: 26 Qualifier _____
Work Site Location: 1672 HARVARD AVE. Brick Township, NJ Contractor Kenneth M Jones
Owner in Fee PREMIUM ENTERPRISES LLC Address 114 Shelly Lane Bayville NJ 08721
PO BOX 4117 BRICK NJ 08723 Telephone: (732) 814-3011
Telephone: (732) 278-6436 Lic. No. or Bldrs. Reg. No. 3026 12882
Federal Employee No. 261795012

Is hereby granted permission to perform the following work:

- | | | |
|--|--|--|
| ☐ BUILDING | ☐ PLUMBING | ☐ LEAD HAZARD ABATEMENT |
| ☒ ELECTRICAL | ☐ FIRE PROTECTION | ☐ DEMOLITION |
| ☐ ELEVATOR DEVICES | ☐ ASBESTOS ABATEMENT
(Subchapter 8 only) | ☒ OTHER |

DESCRIPTION OF WORK:

ALTERATION - RESIDENTIAL ... NAVIEN COMBI-BOILER

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$4,500

Kenneth M Jones
Construction Official

11/1/12
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$150
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$125.00
DCA Training Fee	\$9
CO Fee	
Other	\$0
Total	\$284
Check No.	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

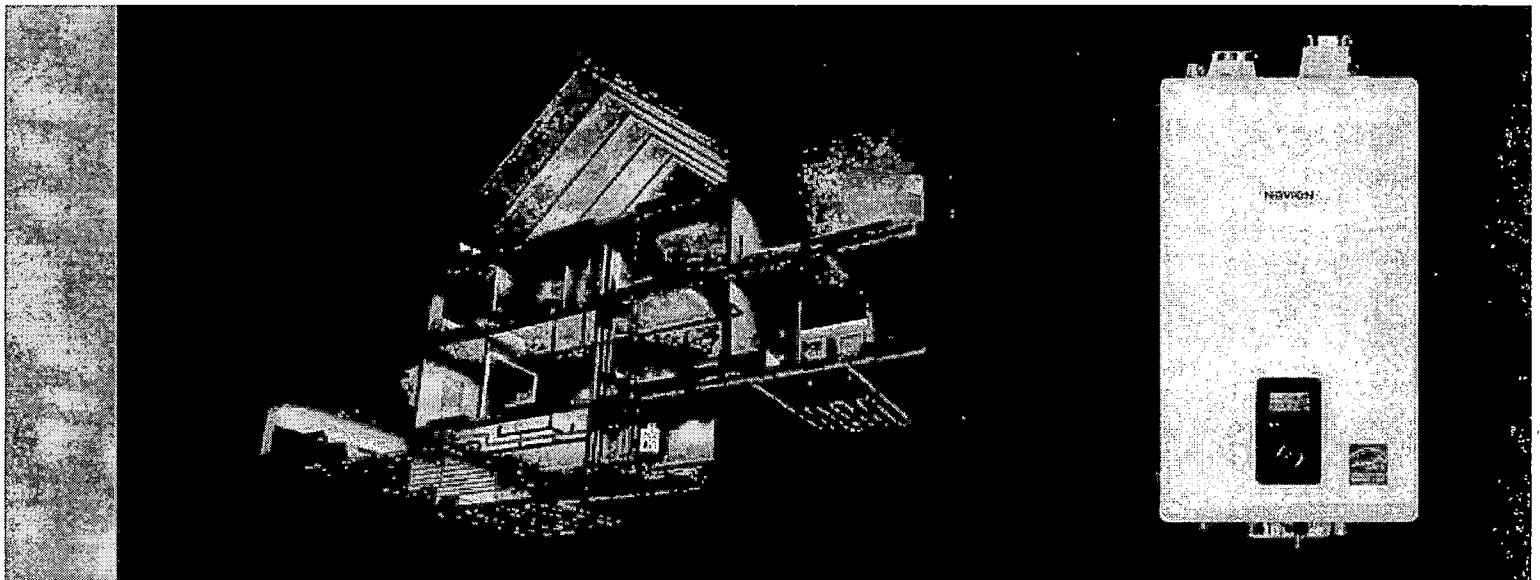
☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

NCB-H Series

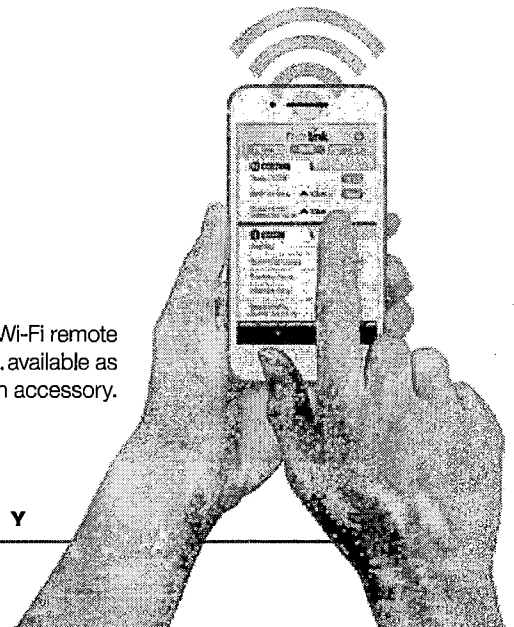


New NCB-H High Capacity Water Tube Condensing Combi-boilers



The highest selling brand
of condensing combi-boilers
takes home heating and
DHW to new heights

NaviLink™ Wi-Fi remote
control system... available as
an add-on accessory.



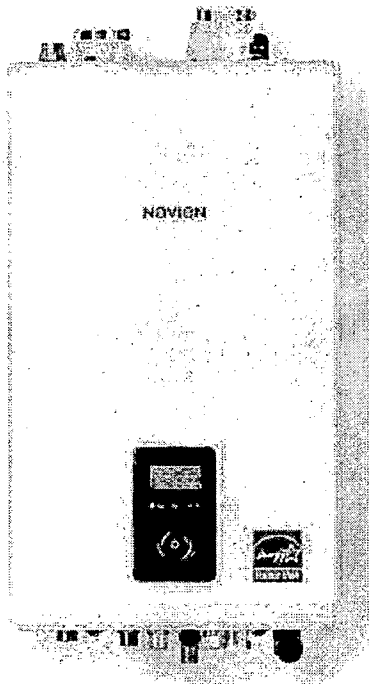
THE LEADER IN CONDENSING TECHNOLOGY

NCB-H NAVIEN CONDENSING WATER TUBE HIGH CAPACITY COMBI-BOILERS

Aim high with Navien...
High efficiency, High output,
High performance,
all in one compact combi

- **Highest** DHW maximum BTUs in residential combi-boilers... up to 210,000 per hour
- **Highest** DHW flow rate @ 70°F rise... up to 5.4 GPM
- **Highest** number of BTU sizes for the North American residential combi-boiler market
- **Highest** residential combi DHW TDR... 15:1
- **Highest** residential combi heating TDR... up to 11:1*
- **Highest** number of built-in zone controls for valves or pumps... up to three
- **Highest** full lineup 2" venting lengths... up to 65 feet
- **Highest** number of cascade capable units with NPE tankless water heaters... up to 15
- **High altitude certification**... up to 10,100 feet (NG or LP)
- **Lowest minimum fire BTU** for residential combi-boilers... as low as 10,700

*Based on NCB-250/150H.



AFUE
95.0%

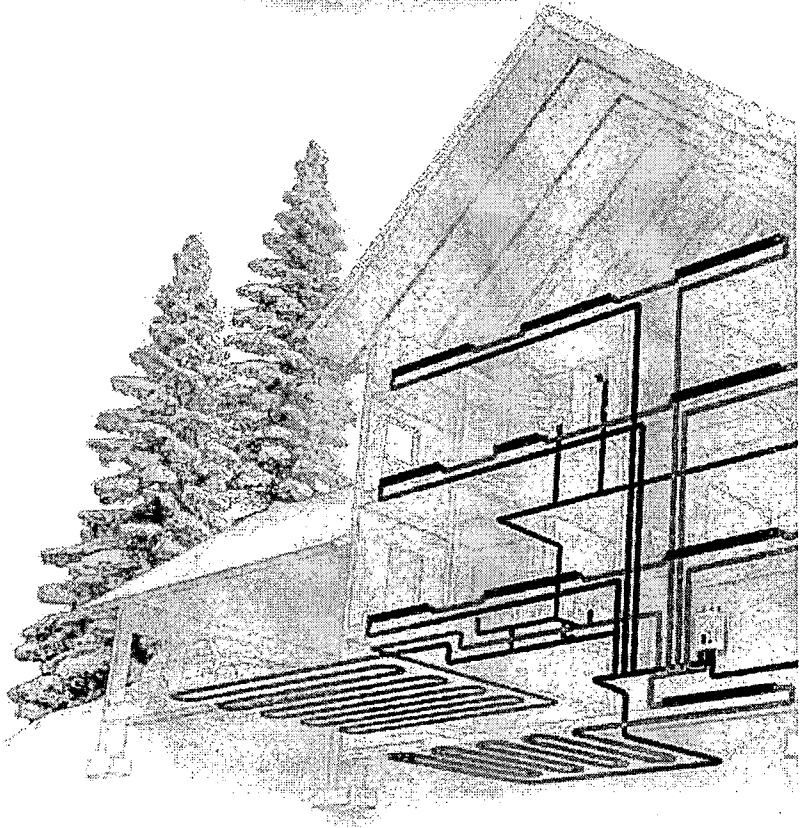
DUAL SS HX FOR HEATING & SEPARATE SS HX FOR DHW

TDR UP TO 11:1 HTG 15:1 DHW

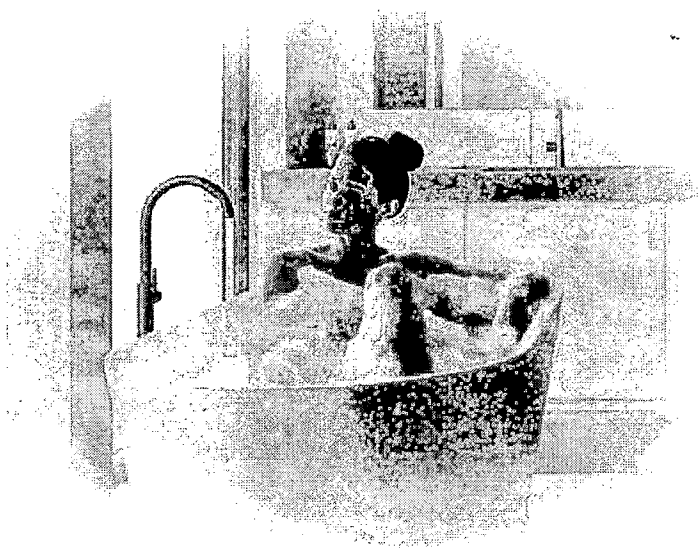
2" VENT UP TO 65 FEET & 1" GAS UP TO 24 FEET

NG & LP NG HIGH ALTITUDE FIELD GAS CONVERTIBLE

5 MODELS FOR ANY SIZE HOME



T H E L E A D E R I N C O N D E N S I N G T E C H N O L O G Y



Navien NCB-H...leading the way with the complete combi package and no compromises

Navien's innovation and technological advancements have done it again. The new NCB-H is taking combi performance to the highest levels. As the competition tries to get closer, Navien ingenuity keeps advancing their lead.

NCB-250/150H versus other 150,000 BTU combi-boilers

Highest Maximum DHW Turndown Ratio

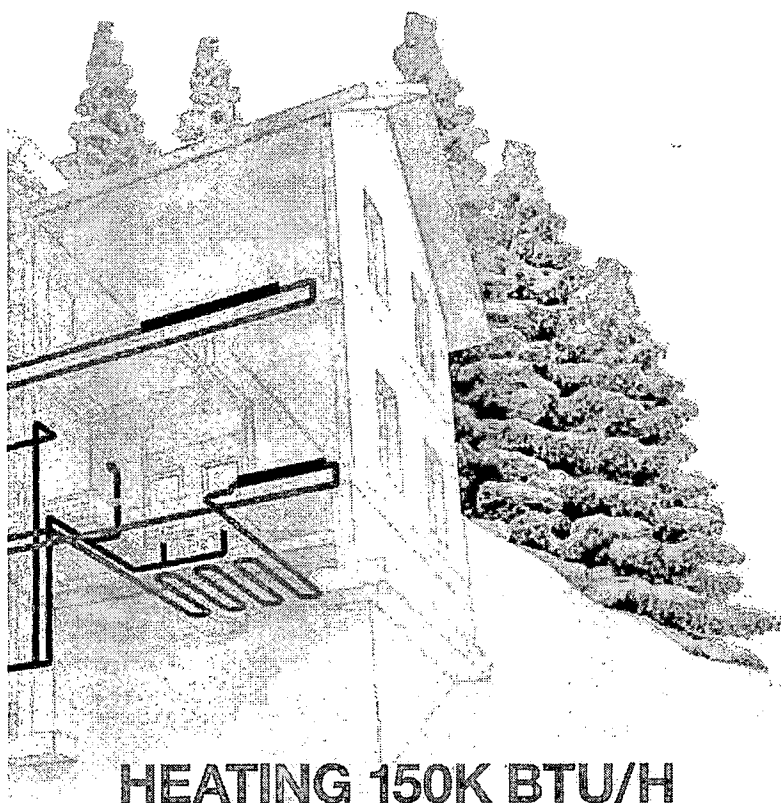
NCB-250/150H	15:1
COMPETITOR A	10:1
COMPETITOR B	8:1

Highest Gallons Per Minute @ 70°F Rise

NCB-250/150H	5.4
COMPETITOR A	4.0
COMPETITOR B	3.9

Lowest Minimum Fire BTU

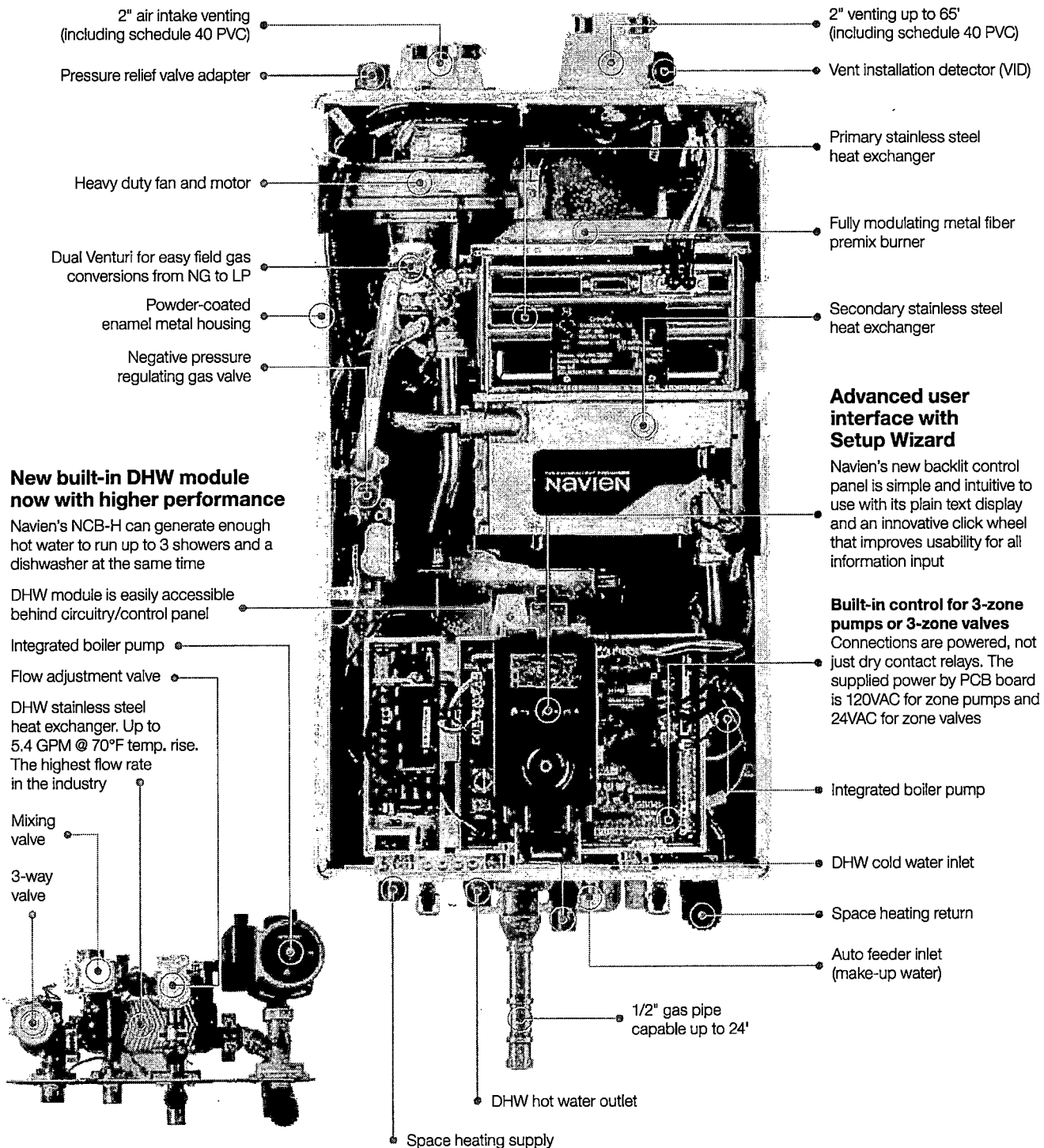
NCB-250/150H	14,000
COMPETITOR A	15,000
COMPETITOR B	19,000



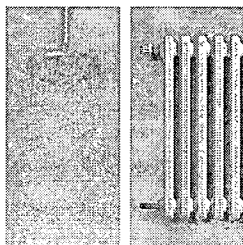
HEATING 150K BTU/H
DHW 210K BTU/H

 **Navien**

COMPARE THESE ADVANTAGES AND SEE WHY NCB-H COMBIS ARE THE RIGHT FIT FOR SMALL AND LARGE HOMES

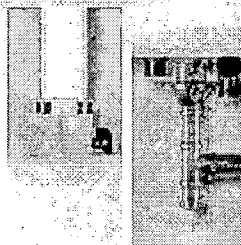


T H E L E A D E R I N C O N D E N S I N G T E C H N O L O G Y



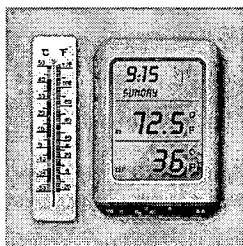
Dual inputs of up to 150K BTU/H for heating and 210K BTU/H for DHW

Satisfies all the space heating and domestic hot water requirements of most typical large homes.



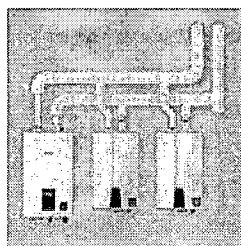
2" PVC venting and 1/2" gas pipe capability

Save time and effort in retrofit application with 2" PVC venting up to 65' or up to 150' with 3" venting. 1/2" gas lines for up to 24' also speeds up installations.



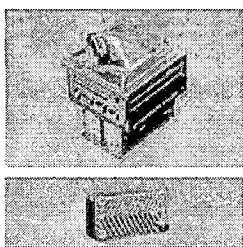
TDR 15:1 for DHW and up to 11:1 for heating

The sophisticated gas flow control system provides a high turndown ratio, reducing energy waste and excessive boiler cycling and enhances temperature control for DHW.



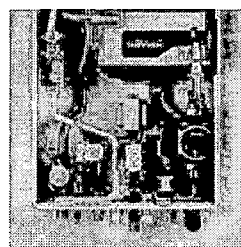
Expanded DHW capability

For increased domestic hot water flow demand, the NCB-H can be cascaded with up to 15 NPE units.



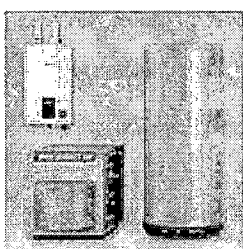
Dual stainless steel heat exchangers for heating and separate SS flat plate heat exchanger for DHW

Stainless steel heat exchangers offer superior durability and corrosion resistance vs. copper. DHW heat exchanger delivers up to 5.4 GPM at 70°F temperature rise, the highest flow rate in the industry.



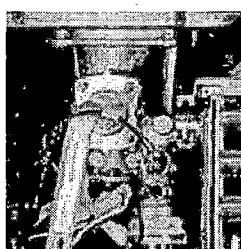
Easy access to DHW module and valves

All components of DHW module including water feed valve, flow adjustment valve, mixing valve and cartridge-style 3-way valve are right behind circuit board for easy serviceability.



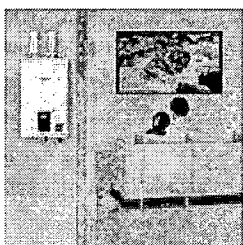
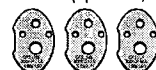
Space saving and light weight design

Navien's sleek wall-hung combi-boilers occupy 80% less space than traditional floor standing boilers and tank water heaters.



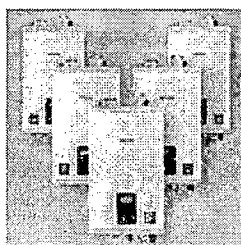
Dual Venturi and field gas convertibility

Dual Venturi system creates better combustion control and turndown ratio. Field gas convertibility is easy with orifice conversion kits for NG high altitude (5,400–10,100 ft.) and LP (up to 10,100 ft.) included with NCB-H Series combi-boilers.



Low noise levels

Installations in or near media rooms, recreation rooms or any living areas of the house are possible with the quiet running NCB-H combi-boilers.



5 NCB-H models for any size home

Available in NCB-190/060H, NCB-190/080H, NCB-240/110H, NCB-240/130H, NCB-250/150H, giving you multiple options to match any size house, apartment, condo... big or small.

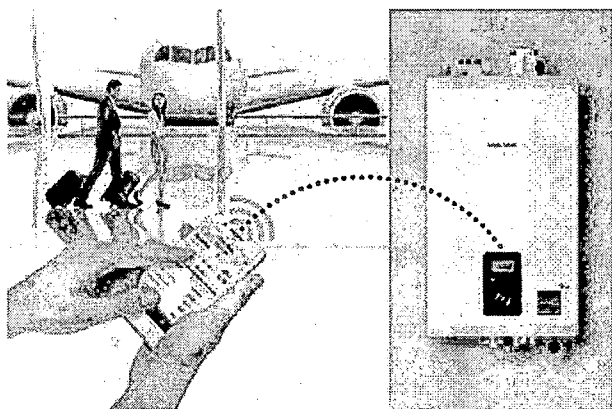
MORE REASONS TO CHOOSE NCB-H FOR YOUR NEXT APPLICATION

Navilink™

Optional Wi-Fi control

This add-on accessory enables remote access from smartphones or tablets for temperature, usage data and diagnostics on NCB-H models.

PBCM-AS-001

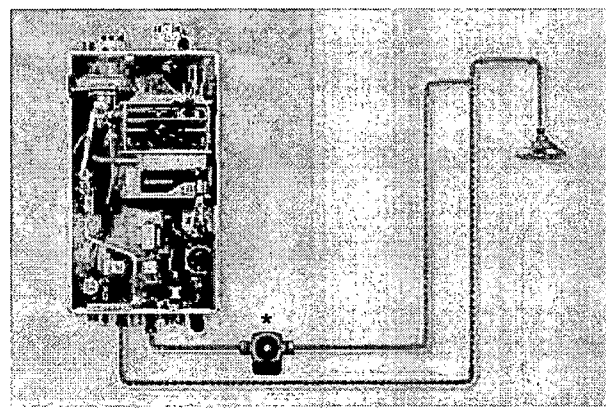


HotButton™

Optional DHW activation

At the push of a button, the HotButton hot water system activates the domestic hot water heat exchanger to heat water in the supply lines to provide hot water only when it's needed.

PZZZ-00046

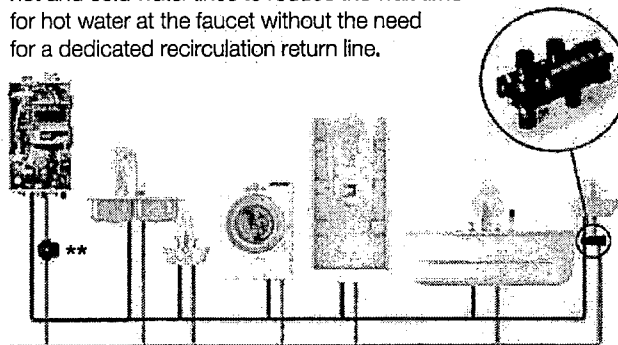


*A dedicated recirculation line and external recirc pump are necessary and not included. See installation manual for details.

NaviCirc™

Optional recirculation valve for NCB-H combi-boilers

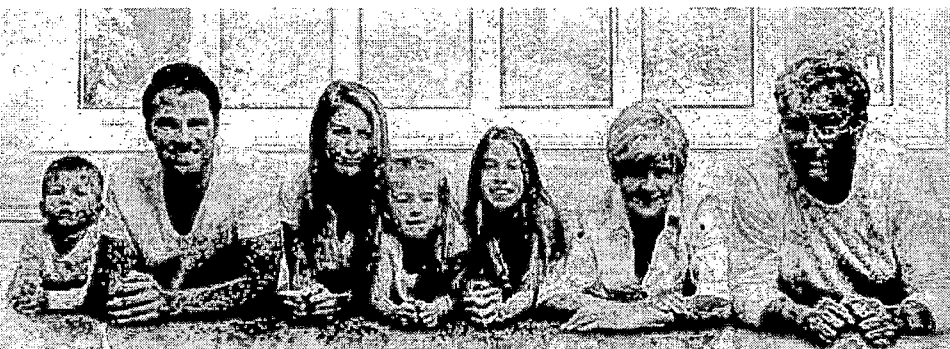
NaviCirc is a simple plumbing device that uses the existing hot and cold water lines to reduce the wait time for hot water at the faucet without the need for a dedicated recirculation return line.



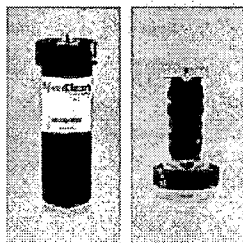
PFFW-SXX-001, NaviCirc Kit: 30022965A.

**External recirc pump and check valves not included.





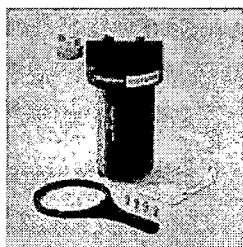
NCB-H combi-boiler accessories



NaviClean magnetic filtration system

Removes higher levels of iron oxides, sludge and debris with powerful magnetic filter.

GXXX001727



PeakFlowE™ anti-scale system

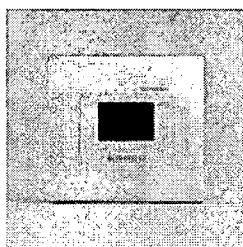
GXXX001725

PeakFlowE™ replacement media

GXXX001726

PeakFlow™ replacement media

GXXX001327



SmartZone+ pump controller

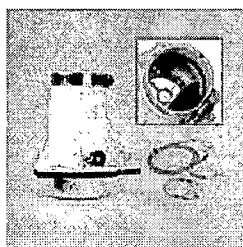
Zone pump controller designed to work with NCB-H series units allowing control from 4 to 6 zone pumps. Adding the SmartZone control will also allow expansion of the built in NCB-H zoning.

2 Zones: PFMZ-02P-001

3 Zones: PFMZ-03P-001

4 Zones: PFMZ-04P-001

6 Zones: PFMZ-06P-001

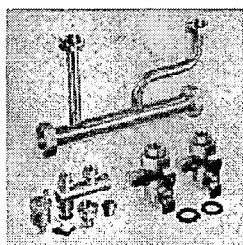


Common vent collar kit

Required for common venting the NCB-H with one or more NPE tankless water heaters.

30014367B

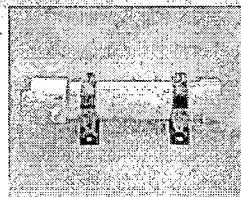
Includes cascade cable (GXXX000546), common vent collar damper and VID jumper cable.



Combi-boiler primary manifold kit

This package includes new stainless steel manifold, isolation valves with gaskets, PRV/air vent/LWCO adapter tree, air vent, threaded connection adapter with clip and LWCO plug.

30026576A



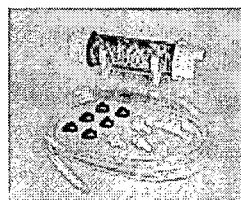
Light commercial neutralizer

Light commercial condensate neutralizer for up to 6 units (1 NCB-H and up to 5 NPE's).

GXXX001324

Replacement media for light commercial neutralizer

GXXX001328



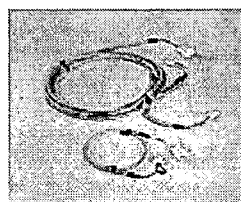
Residential neutralizer kit

Residential condensate neutralizer for NCB-H series units designed to neutralize the condensate of one unit.

GXXX001322

Replacement media for residential neutralizer

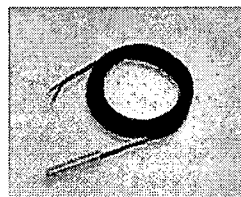
GXXX001323



Cascade cable

Cascade with up to 15 NPE-AVS tankless water heaters.

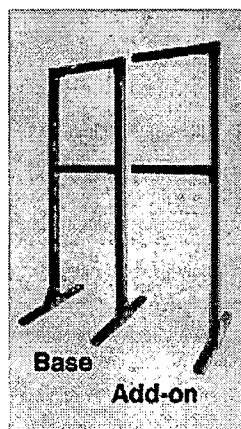
GXXX000546



Universal temperature sensor

Designed to sense supply, return or tank water temperature. Works with all NCB-H series combi-boilers.

GXXX001769



Ready-Link® rack base (V3) and add-on rack(s)

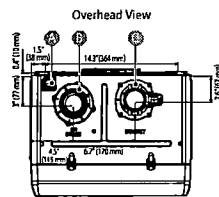
Base (V3)

GFFMKDIZUS-005

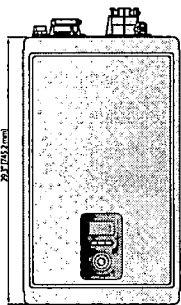
Add-on (V3)

GFFMKDIZUS-006

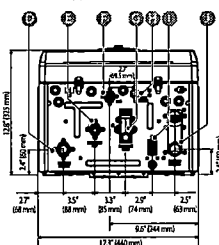
Dimensions Ratings



Front View



Supply Connections



- Connection Size
- 1 Pressure Relief Valve Adapter 3/4"
 - 2 Air Intake 2"
 - 3 Exhaust 2"
 - 4 Heating Supply 1"
 - 5 DHW Hot Water Outlet 3/4"
 - 6 Gas Supply Inlet 3/4"
 - 7 DHW Cold Water Inlet 3/4"
 - 8 Auto Feeder Inlet (Make-up Water) 1/2"
 - 9 Condensate Outlet 1/2"
 - 10 Heating Return 1"

Model Number ¹	Navien Condensing Boiler Space Heating Ratings				Other Specifications		
	Heating Input (BTU/H)		Heating Capacity (BTU/H)	Net AHRI Rating, Water ² (BTU/H)	AFUE ³ (%)	Water Pressure	Water Connection Size (Supply, Return)
	Min	Max					
NCB-190/060H	11,000	60,000	56,000	49,000	95.0	12–30 psi	1" NPT
NCB-190/080H	11,000	80,000	74,000	64,000			
NCB-240/110H	13,000	110,000	102,000	89,000			
NCB-240/130H	13,000	130,000	120,000	104,000			
NCB-250/150H	14,000	150,000	138,000	120,000			

¹ Ratings are the same for natural gas models converted to propane use.

² Based on U.S. Department of Energy (DOE) test procedures.

³ The net AHRI water ratings shown are based on a piping and pickup allowance of 1.15. Consult Navien before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

Navien Condensing Boiler Domestic Hot Water Ratings			Other Domestic Hot Water Specifications					
Model Number	Input Ratings (BTU/H)		Water Pressure PSI	Minimum Flow Rate GPM (L/m)	Flow Rate 45°F (25°C) Temp Rise GPM (L/m)	DHW Connection Size		
	Min	Max				Supply	Return	
NCB-190/060H	10,700	160,000	15–150	0.5 (1.9)	6.4 (24.2)	3/4" NPT	3/4" NPT	
NCB-190/080H								
NCB-240/110H	13,300	199,900			7.9 (30.0)			
NCB-240/130H								
NCB-250/150H	14,000	210,000				8.4 (31.8)		

Specifications

Specifications			
Item	NCB-190/060H NCB-190/080H	NCB-240/110H NCB-240/130H	NCB-250/150H
Dimensions	17.3" W x 29.3" H x 12.8" D		
Boiler weight	Empty	87 lbs (40 kg)	96 lbs (44 kg)
	With water	93 lbs (42 kg)	102 lbs (46 kg)
Installation type	Indoor wall-hung		
Venting type	Forced draft direct vent		
Ignition	Electronic ignition		
Natural gas supply pressure (from source)	3.5" to 10.5" WC		
Propane gas supply pressure (from source)	8.0" to 13.5" WC		
Natural gas manifold pressure	-0.01" WC to -0.31" WC	-0.06" WC to -0.24" WC	-0.06" WC to -0.26" WC
Propane gas manifold pressure	-0.04" WC to -0.33" WC	-0.06" WC to -0.26" WC	-0.06" WC to -0.28" WC
Gas connection size	3/4" NPT		
Power supply	Main supply	120V AC, 60Hz	
	Maximum power consumption	Up to 15 amperes	
Materials	Casing	Cold-rolled carbon steel	
	Heat exchangers	Stainless steel	
Venting	Exhaust	2" or 3" PVC, CPVC, approved polypropylene 2" or 3" special gas vent type BH (Class III, A/B/C) 2" or 3" stainless steel	
	Intake	2" or 3" PVC, CPVC, polypropylene 2" or 3" special gas vent type BH (Class III, A/B/C) 2" or 3" stainless steel	
	Vent clearance	0" to combustibles	
	Safety devices	Flame Rod, APS, Ignition operation detector, water temperature high limit switch, exhaust temperature high limit sensor, water pressure sensor, burner high limit fuse, vent installation detector	

DHW flow rates

DHW Temp Rise °F (°C)	DHW Flow Rates GPM (L/m)		
	NCB-190/060H NCB-190/080H	NCB-240/110H NCB-240/130H	NCB-250/150H
35 (19)	8.2 (31.1)	10.4 (39.5)	10.8 (40.9)
40 (22)	7.2 (27.3)	9.0 (34.1)	9.5 (35.8)
45 (25)	6.4 (24.2)	7.9 (30.0)	8.4 (31.8)
50 (28)	5.8 (21.8)	7.2 (27.3)	7.6 (28.6)
55 (31)	5.2 (19.8)	6.6 (25.0)	6.9 (26.0)
60 (33)	4.8 (18.2)	6.0 (22.7)	6.3 (23.8)
67 (37)	4.3 (16.3)	5.4 (20.4)	5.6 (21.4)
70 (39)	4.1 (15.6)	5.1 (19.3)	5.4 (20.4)
77 (43)	3.7 (14.2)	4.7 (17.8)	4.9 (18.6)
80 (44)	3.6 (13.6)	4.5 (17.0)	4.7 (17.9)
85 (47)	3.4 (12.8)	4.2 (15.9)	4.4 (16.8)
90 (50)	3.2 (12.1)	4.0 (15.1)	4.2 (15.9)
100 (56)	2.9 (10.9)	3.6 (13.6)	3.8 (14.3)

Temp settings

Item		Temperature Range °F (°C)	Remarks
Space Heating	Supply	77–185 (25–85)	Actual supply and return temperatures vary depending on the selected outdoor reset curve.
	Return	68–158 (20–70)	
DHW		86–140 (30–60)	

Model transition

Discontinued NCB-E	New NCB-H
NCB-150E DHW: 12,000–120,000 BTU/H HTG: 60,000 BTU/H	NCB-190/060H DHW: 10,700–160,000 BTU/H HTG: 60,000 BTU/H
NCB-180E DHW: 14,000–150,000 BTU/H HTG: 80,000 BTU/H	NCB-190/080H DHW: 10,700–160,000 BTU/H HTG: 80,000 BTU/H
NCB-210E DHW: 18,000–180,000 BTU/H HTG: 100,000 BTU/H	NCB-240/110H DHW: 13,300–199,900 BTU/H HTG: 110,000 BTU/H
NCB-240E DHW: 18,000–199,900 BTU/H HTG: 120,000 BTU/H	NCB-240/130H DHW: 13,300–199,900 BTU/H HTG: 130,000 BTU/H
AN INDUSTRY FIRST NCB-250/150H DHW: 14,000–210,000 BTU/H HTG: 150,000 BTU/H	

Warranty

Residential Single Family Use Only	
Heat exchanger	10 year
Parts*	5 year
Labor	1 year

*Includes DHW flat plate HX.

Navien reserves the right to change specifications at any time without prior notice. Please refer to www.NavienInc.com to verify you have the most current information.



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