

F2



CONSTRUCTION PERMIT APPLICATION

C12-003685

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

I. IDENTIFICATION

1. Proposed Work Site at: 21 Rochester Dr Brick NJ

2. Name of Owner in Fee: LINDA CHRIS Tel. ()

Address 21 Rochester Dr Brick 08723
street municipality zip code

3. Ownership in Fee: Public _____ Private _____

4. Principal Contractor: GTN CONSTRUCTION Tel. (732) 938-3630

Address 432 Lakewood Farmingdale Road

License No. OR, if new home, Builder Reg. No. 130401483400 Exp. Date _____

Federal Employee No. 22-2046268 FAX: (732) 938-3630

5. Architect or Engineer _____ Tel. ()

Address _____ Contact _____

6. Responsible Person in Charge once Work has Begun Tom Nuyesser

Tel. (732) 938-3630 FAX: (732) 938-3630

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ 552	40	70
2. Electrical	\$ 50	40	45
3. Plumbing	\$ 50		
4. Fire Protection	\$ 45		
5. Elevator Devices			
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$	43	4
9. State Permit Surcharge Fee	\$		
10. Subtotal	\$		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$	240	44

VI. BUILDING/SITE CHARACTERISTICS

(office use only)

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. Construction Classification _____

7. Total Land Area Disturbed _____ sq. ft.

8. Flood Hazard Zone _____

9. Base Flood Elevation _____ ft.

10. Wetlands yes _____
no _____

11. Max. Live Load _____

12. Max. Occupancy Load _____

OPTIONAL (for office use only)

II. PROPOSED WORK	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates	Re-viewer
1. ☐ Minor Work								
2. ☐ New Building								
3. ☐ Addition								
4. ☐ a. Repair								
☐ b. Alteration								
☐ c. Renovation								
☐ d. Reconstruction								
5. ☐ Fire Protection								
6. ☐ Plumbing								
7. ☐ Electrical								
8. ☐ Elevator Devices								
9. ☐ Asbestos Abat. Subch. 8								
10. ☐ Lead Hazard Abatement								
11. ☐ Demolition								
TOTAL COSTS								

exempt

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. State Specific Use: _____

2. Use Group: _____

3. Change in Use Group, Indicate Former: _____

4. No. of dwelling units: All Units _____ Income-restricted _____

Before Construction _____

After Construction _____

Net Gain or Loss _____

B. NON-RESIDENTIAL

1. State Specific Use: _____

2. Use Group: _____

3. Change in Use Group, Indicate Former: _____

III. DO YOU WANT: (optional)

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
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs

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(e)1.vii:

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 have been given, including such certification as the construction official may require.

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

Signature *gh* Date 10/3/2012

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. 5:32-2.15(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 have been given, including such certification as the construction official may require.

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 GTN Construction Inc.

Address 732 Lakewood Farmingdale Road
Howell, NJ 07731

Telephone (732) 938-3630

Signature *[Signature]*

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 6/15/2015
Control Number C-12-003685
Permit Number 12-2906
Permit Issue Date 10/11/2012
Certificate Number 12-2906

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 21 ROCHESTER DR. Brick Township, NJ Block: 211.01 Lot: 8 Qual: _____
Owner in Fee: CHRIS, LINDA & HANLON, CATHERINE
Owner Address: 21 ROCHESTER DR BRICK NJ 08723
Telephone: _____
Contractor GTN Construction Inc
Address 432 Lakewood Farm Rd. Howell NJ 07731
Telephone: (732) 938-3630 Fax: (732) 938-3630
License Number or Builders Registration Number: 13vh01483400 Federal Emp. Number: 22-2046268

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 Kitchen and replace fireplace unit

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:

Construction Official

Date Printed: 6/15/2015

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

Fee: \$0.00

Check Number: _____

Collected By: _____

Page 1

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

V. FEE SUMMARY (for office use only)		Update	Update
1. Building	\$		
2. Electrical			
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
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	\$		

IIa. PROPOSED WORK

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

11b. SUBCODES

(Check all that apply)

- ☐ Building
- ☒ Electrical
- ☐ Plumbing
- ☐ Fire Protection
- ☐ Elevator

TOTAL COST

FOR OFFICE USE ONLY (Optional)

[illegible]

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

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

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

D. Construct Classification: Present

Proposed

III. PLAN REVIEW (optional)

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

DO YOU WANT:

- ☐ Partial Releases
- ☐ Prototype Processing

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

CERTIFICATION IN LIEU OF OATH

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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.

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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.

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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.

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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

ALBRIGHT ELECTRIC / CLYDE SANDER

Address

1105 MORRIS AVE PO BOX 1915
POINT PLEASANT NJ 08742

Telephone

(732) 899 0356

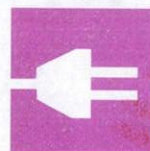
Signature

Clyde Sander

- III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

10-11-12
12-2906

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

Block 211.01 Lot 8 Qualification Code _____

Work Site Location 21 Rochester Dr Bricktown

Owner in Fee: Linda Chric

Te [REDACTED] e-mail _____

Address 21 Rochester Dr Brick

street municipality zip code

Stephen P. Schoeffel Elect Conf Tel. (732) 740-2516

Address 50 Schuman Lane

Sealton NJ 08527 e-mail _____

Contractor License No. 13949 Exp. Date 3/15

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 22-3672669 FAX: 732 928-5069

B. ELECTRICAL CHARACTERISTICS

Use Group: Present _____ Proposed _____

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

Building Occupied as _____ Utility Co. _____

Estimated Cost of Electrical Work \$ 1500.-

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW	Type:	Failure	Failure	Approval	Initial
[] No Plans Required	Rough	_____	_____	12-5-12	DT
[] Partial-Underslab Utilities Approved	Barrier-Free	_____	_____	_____	_____
Date: _____ Approved by: _____	Trench	_____	_____	_____	_____
[] Electric Plans Approved	Temp. Serv.	_____	_____	_____	_____
Date: <u>10-9-12</u> Approved by: <u>JS</u>	Constr. Serv.	_____	_____	_____	_____
Joint Plan Review Required:	TCO	_____	_____	_____	_____
[] Bldg. [] Plumb. [] Fire [] Elev.	Other	_____	_____	_____	_____
SUBCODE APPROVAL for PERMIT	Service	_____	_____	_____	_____
Date: <u>10-9-12</u>	Final	_____	_____	_____	_____
Approved by: <u>[Signature]</u>	Barrier-Free	_____	_____	_____	_____
SUBCODE APPROVAL for CERTIFICATE	Temp. Cut-in-Card Date Issued	_____	_____	_____	_____
[] CO [] CCO [] CA	Final Cut-in-Card Date Issued	_____	_____	_____	_____
Date: <u>5-2-13</u>	Annual Pool Inspection	_____	_____	_____	_____
Approved by: <u>[Signature]</u>	Date of Grounding and Bonding Certification	_____	_____	_____	_____

C. CERTIFICATION IN LIEU OF OATH

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

Applicant sign/Contractor sign and seal here: [Signature]

Print name here: Stephen P. Schoeffel

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Rework Exist. Kitchen

QTY/SIZE

6
10
6

ITEMS

Lighting Fixture
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. Rang/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

FEE (Office Use Only)

\$ _____

11/30/15 Look out for Dish Washer

↑ @tech



FIRE PROTECTION SUBCODE TECHNICAL SECTION



Date Received
Control #

10-11-12

Date Issued
Permit #

12-2906

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

Block 211.01 Lot 8- Qualification Code _____

Work Site Location 21 Rochester Dr

Brick N.J. 08723

Owner in Fee: LINDA CHRIS

Tel. _____ e-mail _____

Address 21 Rochester Dr- Brick

Contractor: GTN Construction Inc. Tel. 732 9383630

Address 432 LAKEWOOD FARM PL e-mail GTN@TOMCABLE.COM

Howell- N.J. 07731

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. _____

Fire Alarm Contractor No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. _____ FAX: (_____) _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present _____ Proposed _____ Fuel Storage Tank:

Constr. Class: Present _____ Proposed _____ Fuel Type: [] Flammable OR [] Combustible

Heating System: [] New OR [] Modification to Existing Capacity _____

OR [] Conversion OR [] Replacement Fire Alarm System: [] New OR [] Existing

Fuel Type: [] Gas [] Oil [] Electric [] Solar Location of Panel: _____

Other _____ Fire Suppression/Standpipe System:

Location: _____ [] New OR [] Existing

Location of Main Control Valve: _____

Total Cost of Fire Protection Work \$ 4100.

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

[] Partial -Underslab Utilities Approved

Date: 10/10/12 Approved by: [Signature]

[] Fire Protection Plans Approved

Date: _____ Approved by: _____

Joint Plan Review Required:

[] Bldg. [] Elec. [] Plumb. [] Elev.

SUBCODE APPROVAL for PERMIT

Date: 10-10-12

Approved by: [Signature]

SUBCODE APPROVAL for CERTIFICATE

[] CO [] CCO [] CA

Date: 12-31-12

Approved by: [Signature]

INSPECTIONS

Type: Failure Failure Approval Initial

Alarm System _____

Suppression Sys. _____

Standpipe _____

Fire Pump _____

Pre-Eng. System _____

Mechanical _____

Smoke Control _____

TCO _____

Flam/Combust Tanks _____

Fireplace Venting _____

Final _____

Other _____

Dates (Month/Day)

Failure Failure Approval Initial

Alarm System _____

Suppression Sys. _____

Standpipe _____

Fire Pump _____

Pre-Eng. System _____

Mechanical _____

Smoke Control _____

TCO _____

Flam/Combust Tanks _____

Fireplace Venting _____

Final _____

Other _____

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/Contractor
sign here:

Print name here:

Thomas Hungenesser

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source _____

Method of Alarm/Suppression System Supervision _____

Flammable/Combustible Tanks _____

Alarm Systems

[] System

[] 110v Interconnected

[] CO Detectors/110v

Alarm Devices (i.e., smoke, heat, pulls,
water/flow) _____

Supervisory Devices (i.e., tampers, low/high air) _____

Signaling Devices (i.e., horn/strobes, bells) _____

Other Devices _____

TOTAL _____

Suppression Systems

Fire Pump _____ GPM Type _____

Dry Pipe/Alarm Valves _____

Pre-action Valves _____

Sprinkler Heads (Dry and Wet) _____

Standpipes _____

Pre-engineered Systems

Wet Chemical _____

Dry Chemical _____

CO₂ Suppression _____

Foam Suppression _____

FM200 Suppression _____

Other _____

Other Systems

Kitchen Hood Exhaust System _____

Smoke Control System _____

Fuel-Fired Appliances [] Gas [] Oil [] Solid

Fireplace Venting/Metal Chimney _____

Other _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

12-3-12

Rough for fireplace only
Fireplace installed on floor

15 1/2" on all sides

Chimney or to close it.

ⓕ tech ↗

1/30/15 Lock out For Dish washer

↑ (E) tech + A



PLUMBING SUBCODE
TECHNICAL SECTION



Date Received
Control #
Date Issued
Permit #

10-11-12
12-2906

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

Block 211.01 Lot 8 Qualification Code _____

Work Site Location 21 Rochester Dr. -

Brick - N.J. 08723

Owner in Fee: LINDA CHRIS

Tel. _____ Mail _____

Address 21 Rochester Dr. - Brick -

Contractor: ARNOLD'S PLUMBING Tel. (732) 222-6232

Address 8 WALL ST. e-mail _____

WEST LONG BRANCH

Contractor License No. 36B1007661 Exp. Date 6/30/13

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 22-3348820 FAX: (732) 571-2341

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____

Building Sewer Size _____ Public Sewer _____ Private Septic _____

Water Service Size _____ Public Water _____ Private Well _____

Est. Cost of Plumbing Work \$ 1400.-

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: James L Arnold

Print name here: JAMES L ARNOLD

☒ Licensed Plumbing Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

SWAP OUT PLUMBING FIXTURES

QTY.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
_____	Water Closet	\$ _____
_____	Urinal/Bidet	_____
_____	Bath Tub	_____
_____	Lavatory	_____
_____	Shower	_____
_____	Floor Drain	_____
<u>X</u> <u>1</u>	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	_____
_____	Greasetrapp	_____
_____	Sewer Connection	_____
_____	Water Service Connection	_____
_____	Stacks	_____
_____	Other	_____

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required
☐ Partial -Underslab Utilities Approved

Date: _____ Approved by: _____

☐ Plumbing Plans Approved

Date: _____ Approved by: _____

Joint Plan Review Required:

☐ Bldg. ☐ Elec. ☐ Fire. ☐ Elev.

SUBCODE APPROVAL for PERMIT

Date: 10-9-12

Approved by: 2

SUBCODE APPROVAL for CERTIFICATE

☐ CO ☐ CCO ☐ CA

Date: 1-30-15

Approved by: [Signature]

INSPECTIONS

Type:	Failure	Failure	Approval	Initial
Slab	_____	_____	<u>12/20/12</u>	<u>MD</u>
Rough	_____	_____	_____	_____
Water	_____	_____	_____	_____
Sewer	_____	_____	_____	_____
Fixtures	_____	_____	_____	_____
Gas Equipment	_____	_____	_____	_____
Gas Piping	_____	_____	_____	_____
LPGas Tank	_____	_____	_____	_____
Fuel Oil Piping	_____	_____	_____	_____
Solar	_____	_____	_____	_____
TCO	_____	_____	_____	_____
Final	_____	_____	<u>1-30-15</u>	<u>[Signature]</u>

Gas Piping on TB
UPDATE FOR NEW SINK - SEE BACK

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

12/20/12 - mt

Passion Gas pipe only - Permit
update in office + B Emergency Alert

Ⓟ tech ↑



Echelon™ Series Modulating Gas Furnaces

Every Moment Deserves Coleman® Comfort

80% & Up to 98% AFUE Models



Comfort for all the times of your life



At last, home heating reaches a level you'll love

A cozy family gathering, a relaxing evening, a quiet winter's morning—your comfort needs change throughout the day. That's why Coleman® invented the Echelon™ modulating gas furnace to match your comfort level more closely by varying the heating rate continuously and precisely.

Infinite comfort levels



Don't adjust your lifestyle to different temperature levels. Instead, enjoy a comfortable temperature that matches your level of living. That's the idea behind the Coleman® Echelon™ modulating gas furnace. Traditional furnaces run at one or two heating stages. But the firing rate of the Echelon™ furnaces continuously modulate in .50 or .65% increments to save fuel by matching your comfort levels more exactly. See the adjacent page for further details on modulating furnace technology.

Greater care for your indoor air

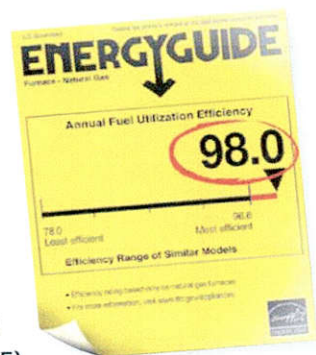


Variable-speed models feature an ECM fan motor option which circulates air for longer periods at a fraction of the cost. Longer run times mean fewer hot and cold spots and longer periods of air filtering, resulting in cleaner and more comfortable air. Plus, fewer starts and stops make variable-speed models 24 times less noisy than conventional furnaces.



Comfort with a conscience

These days, energy costs and environmental issues concern everyone. As the ultimate Coleman® gas furnace design, Echelon™ modulating units can reduce energy costs nearly 40% compared to furnaces that are 20 years old. And, with up to a 98% Annual Fuel Utilization Efficiency (AFUE) rating on our high-efficiency models, they have earned one of the highest ratings in the industry.



You will also enjoy peace of mind knowing that your furnace is ENERGY STAR® qualified as one of the most energy-efficient furnaces you can buy!

EcoTrak™ customizes your comfort level

Now you can enjoy custom comfort regardless of whether you live in a dry, temperate or humid climate. That's because we use EcoTrak™ technology that allows your installer to set an operating cycle that works best in a particular climate.

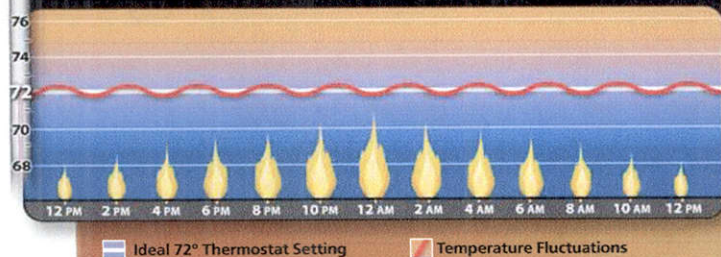


Modulating technology to help you stay in your comfort zone...



The colder it is outside, the more heat your home loses, creating additional demand on your heating system. Depending on the time of day, and the type of furnace you have, your home can experience drastic temperature fluctuations. Understanding the differences between furnace types will help you make the right choice to stay in your comfort zone.

Modulating gas furnaces

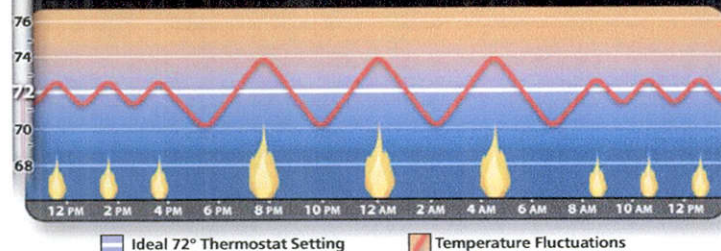


The Coleman® Echelon™ modulating gas furnace has been designed to maintain your ideal temperature by modulating heating level in .50 or .65% increments to match the degree of comfort you need precisely. Comfort is dramatically increased as the furnace adjusts its level of operation up or down to offset the rate at which heat leaves your home.

Packed with great features:

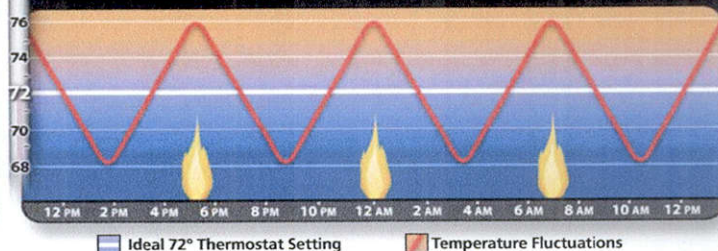
- Precision temperature control
- Better energy efficiency
- Quieter operation

Two-stage gas furnaces



Two-stage gas furnaces offer an intermediate level of performance. Operation varies between first and second stage based on demand. However, indoor temperature levels still fluctuate, relative to your thermostat setting.

Single-stage gas furnaces



Traditional single-stage gas furnaces operate much like a light bulb—either on or off. This can create wide and uncomfortable temperature fluctuations in your home.

Warrantied for years of comfort

Every Coleman® system is backed with the best limited warranties available:

Standard Warranty

10 years on parts,*
10 years on compressor.

* Must be registered online within 90 days of installation—otherwise the parts warranty reverts to a 5-year limited parts warranty.



Premium System Warranty

(with purchase of approved matching air conditioner or heat pump)

10 years on parts, lifetime on heat exchanger and compressor.



How comfortable is your wallet?

By matching your Coleman® system with Coleman® variable-speed air handlers and furnaces, you will maximize energy efficiency and likely qualify for various rebates.

Ask your Coleman® Dealer about rebates offered in your area. And ask about Coleman® fans, filters, IAQ equipment and advanced controls to complete your system. Talking to your dealer will keep you informed, save you money and time, and protect your family's health—all part of Coleman® Comfort.



Financing plans that feel right

Ask your Coleman® HVAC Dealer about special financing options. Applying is easy, and upon approval, you'll enjoy low monthly payments and financing offers.



Visit our website

Learn how Coleman® products can improve your home comfort at www.colemanac.com. Our website is the perfect place to get acquainted with our wide range of products.

Have your Coleman® Dealer specify the system that performs best for your home

Echelon™ 80% AFUE Furnaces*

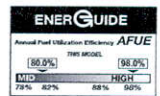
Nominal CFM (x 100)	MBH Input (x 100)	Width (inches)**	Model	AFUE
12	60	14-1/2	CPLC060A12MP11A	80%
12	80	17-1/2	CPLC080B12MP11A	80%
16	80	21	CPLC080C16MP11A	80%
16	100	21	CPLC100C16MP11A	80%
20	100	21	CPLC100C20MP11A	80%
20	120	21	CPLC120C20MP11A	80%

Echelon™ Up to 98% AFUE Furnaces

Nominal CFM (x 100)	MBH Input (x 100)	Width (inches)**	Model	AFUE
12	60	17-1/2	CP9C060B12MP11A	97.5%
12	80	17-1/2	CP9C080B12MP11A	97.5%
16	80	21	CP9C080C16MP11A	97.7%
16	100	21	CP9C100C16MP11A	97.7%
20	100	21	CP9C100C20MP11A	97.7%
20	120	24-1/2	CP9C120D20MP11A	98.0%

* Models available with LoNox.

** All units measure 33" high x 29-1/2" deep.



The Echelon™ 9.C models meet ENERGY STAR® requirements for energy efficiency.



HEATING & AIR CONDITIONING

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HEATING & AIR CONDITIONING

TECHNICAL GUIDE**LX SERIES****SPLIT-SYSTEM AIR CONDITIONERS****14.5 SEER – R-410A – 1 PHASE****1.5 THRU 5 NOMINAL TONS****MODELS: TCJF18 THRU 60**

Due to continuous product improvement, specifications are subject to change without notice.

Visit us on the web at

www.upgnet.com and www.colemanac.com

Additional rating information can be found at

www.ahridirectory.org

WARRANTY SUMMARY*

Extended 10-Years limited parts warranty.

Standard 10-Years limited compressor warranty.

Extended 10-Years limited parts warranty requires online registration within 90 days of purchase for replacement or closing for new home construction.

*Does not apply to R-22 models, 3-Phase models, or internet sales. See Limited Warranty certificate in User's Information Manual for details.

DESCRIPTION

The 14.5 SEER Series unit is the outdoor part of a versatile climate system. It is designed with a matching indoor coil component from Johnson Controls Unitary Products. Available for typical applications this climate system is supported with accessories and documents to serve specific functions.

FEATURES

- **Small Footprint** - Extremely lightweight with a compact footprint, it is a perfect fit for any application.
- **Quality Condenser Coils** - The coil is constructed of aluminum microchannel tubing and enhanced aluminum fins for reduced size and increased efficiency.
- **Coil Protection** - Coils are protected from damage by a slotted, stamped steel coil guard and secondary polymer mesh.
- **Optional Factory E-Coat** - Available ElectroFin® coated coil on select models.
- **Protected Compressor** - Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high pressure switch. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Environmentally Friendly Refrigerant** - The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish** - The cabinet is made of G90-equivalent prepainted steel, with special primer formulas and matte titanium texture to insure less fading when exposed to sunlight. The coated steel wire fan guard and pre-treated, galvanized steel chassis components resist corrosion and rust creep.
- **Lower Installed Cost** - Installation time and costs are reduced by easy power and control wiring connections. The unit is factory charged for a 15-foot lineset. The small base dimension means less space is required on the ground or roof.
- **Top Discharge** - Warm air from the top mounted fan is blown up, away from the structure and any landscaping. This allows compact location on multi-unit applications.
- **Quiet Operation** - The compressor sound blanket and the swept wing fan blade keep sound to a minimum. The upward air flow carries the normal operating noise away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Low Maintenance** - Long life, permanently lubricated motor-bearings need no annual servicing.
- **Easy Service Access** - Fully exposed refrigerant connections and a single panel covering the electrical controls make for easy servicing of the unit.
- **Secured Service Valves** - Secured, re-usable service valves are provided on both the liquid and vapor sweat connections for ease of evacuating and charging.
- **Agency Listed** - Safety certified by CSA to UL 1995 / CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.

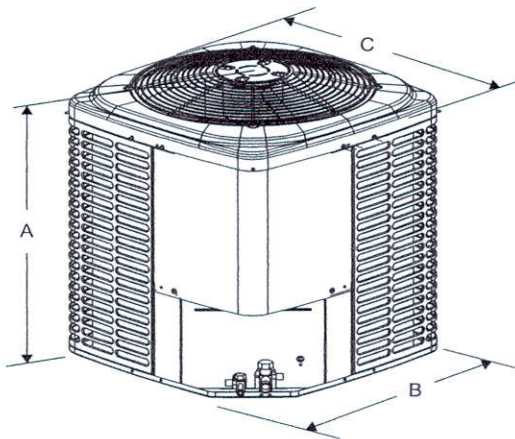
FOR DISTRIBUTION USE ONLY - NOT TO BE USED AT POINT OF RETAIL SALE

Physical and Electrical Data

MODEL		TCJF18 S41S3(E)	TCJF24 S41S3(E)	TCJF30 S41S3(E)	TCJF36 S41S3(E)	TCJF42 S41S3(E)	TCJF48 S41S4(E)	TCJF60 S41S4(E)
Unit Supply Voltage		208-230V, 1 ϕ , 60Hz						
Normal Voltage Range ¹		187 to 252						
Minimum Circuit Ampacity		12.0	16.8	18.4	19.1	23.9	26.3	32.7
Max. Overcurrent Device Amps ²		20	25	30	30	40	45	50
Min. Overcurrent Device Amps ³		15	20	20	20	25	30	35
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor	Rated Load	9.0	12.8	14.1	14.1	17.9	19.9	25.0
Amps	Locked Rotor	46	58	73	77	112	109	134
Crankcase Heater		No	No	No	No	No	No	No
Factory External Discharge Muffler		No	No	No	No	No	No	No
Factory External Check Valve		No	No	No	No	No	No	No
HS Kit Required with TXV ⁴		No	No	No	No	No	No	No
Fan Motor Amps	Rated Load	0.8	0.8	0.8	1.5	1.5	1.5	1.5
Fan Diameter Inches		22	22	22	22	24	24	24
Fan Motor	Rated HP	1/8	1/8	1/8	1/4	1/4	1/4	1/4
	Nominal RPM	1075	1075	1075	850	850	850	850
	Nominal CFM	2750	2750	2800	3200	3600	3700	3750
Coil	Face Area Sq. Ft.	13.1	13.1	17.4	17.4	20.0	21.4	24.0
	Rows Deep	1	1	1	1	1	1	1
	Fins / Inch	23	23	23	23	23	23	23
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)		3/4	3/4	3/4	3/4	7/8	7/8	7/8
Unit Charge (Lbs. - Oz.) ⁵		3 - 10	3 - 2	3 - 7	3 - 10	4 - 4	5 - 1	5 - 4
Charge Per Foot, Oz.		0.62	0.62	0.62	0.62	0.67	0.67	0.67
Operating Weight Lbs.		125	128	130	145	172	208	231

Models with "E" on the end of the model number have an ElectroFin® coating on the outdoor coil.

1. Rated in accordance with AHRI Standard 110-2012, utilization range "A".
2. Dual element fuses or HACR circuit breaker. Maximum allowable overcurrent protection.
3. Dual element fuses or HACR circuit breaker. Minimum recommended overcurrent protection.
4. See Hard Start Kit Accessory Installation Manual for Hard Start Kit part number for each model.
5. The Unit Charge is correct for the outdoor unit, smallest matched indoor unit, and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in length multiplied by the per foot value.



Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
18	28-1/4	29-1/2	29-1/2	3/8	3/4
24	28-1/4	29-1/2	29-1/2		
30	36-1/4	29-1/2	29-1/2		
36	36-1/4	29-1/2	29-1/2		
42	34-1/4	34	34		7/8
48	36-1/4	34	34		
60	40-1/4	34	34		

All dimensions are in inches and are subject to change without notice.
Overall height is from bottom of base pan to top of fan guard.
Overall length and width include screw heads.

Bay 40

HEAT & GLO™



DESIGNED | to inspire

PREMIER
Wood-burning Fireplaces

TRADITIONAL HAS EVOLVED.

Transform your space.

The Premier Series of wood-burning fireplaces takes traditional to the next level. Enjoy masonry-style appearances and robust performance—without the cost of custom-built fireplaces.

Discover classic looks, modern engineering and enhanced performance. Discover the Premier Series.



Cover: Rutherford-50 shown with herringbone refractory and mesh screen. ©Andrew Twort & RedCover.com

Above: Exclaim-36 shown above with standard parting mesh and traditional refractory.

PREMIER WOOD-BURNING FIREPLACES



RUTHERFORD

The Rutherford provides classic looks and robust performance. Savor traditional style, and save on traditional building costs. Whether at a crackle or a blaze, the Rutherford delivers a bold statement in your favorite room.

Rutherford 36 shown with traditional refractory, mesh cabinet-style doors and fireside grand oak gas log set.



EXCLAIM

The Exclaim features a superior design for stunning fires. Large viewing areas and attractive brick interiors bring warmth and ambiance into your favorite room. Three sizes let you choose the perfect fit for your space.

Exclaim 36 shown with standard parting mesh and traditional refractory.



NORTHSTAR

The EPA-certified Northstar exceeds the strictest environmental standards in the nation. So go, and embrace the Northstar's carbon-neutral, 51,000 BTU heating capacity. Enjoy roaring fires—even in areas where conventional wood-burning fireplaces are banned.

Northstar shown with black cabinet-style doors.



ROYAL HEARTH

Enjoy blazing fires and impressive radiant heat with the Royal Hearth. An easy-to-open damper, helpful ash lip and invisible smoke shield make staying comfortable even easier. Take advantage of a large viewing area, less exposed metal and more design options.

RH-36 shown with fairfield mantel with green granite.

PREMIER WOOD-BURNING FIREPLACES



ENERGY MASTER

The Energy Master delivers generous warmth, solid radiant heat and high efficiencies. Whether a soft glow or an intense burn, know your Energy Master is getting the most from your wood.

EM-415 shown with gasketed doors and biltmore cast mantel.



SEE-THROUGH

Enjoy magnificent fires from two rooms. See-Through wood-burning fireplaces let you fill two spaces with authentic warmth and ambiance. Choose attractive finishing options for both sides, and define your spaces with style.

HST-48D shown above with bi-fold doors in stainless steel.



PIER-40

The Pier-40 spreads style and substantial warmth out into multiple spaces. Elegantly divide a room and savor your fire from any angle. Smoothly transition interior décor with a clean-face design.

Pier 40 shown with bi-fold doors in black.



BAY-40

The Bay-40 is a modern twist on tradition. Its stunning design helps showcase roaring fires from multiple angles. Clean-face styling lets you bring finishing materials right up to the doors, and the FireBrick® interior increases warmth and efficiency.

Bay-40 shown with bi-fold doors in stainless steel.

PREMIER WOOD-BURNING FIREPLACES

DOOR OPTIONS

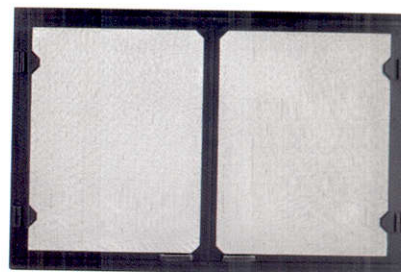
Choose from an array of attractive door and finishing options for your Premier Series fireplace.



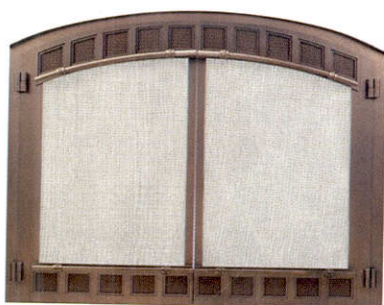
Glass Bi-Fold Doors
Available in black or bronze for Rutherford models only.



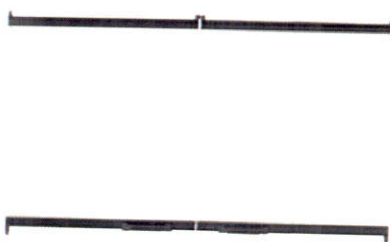
Mesh Cabinet Style Doors
Available in black or bronze for Rutherford models only.



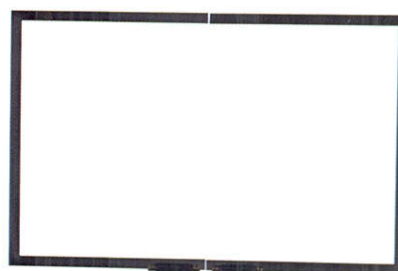
Grand Vista Doors
Available in black or bronze for Exclaim and Energy Master models only.



Contour Doors
Available in black or bronze for Exclaim and Energy Master models only.



DM Bi-Fold Glass Doors
Available with black or stainless steel trim.
Not available for Rutherford models.



Gasketed Glass Doors
Available in black for Energy Master models only.

FINISHES



Black



Bronze



Stainless steel

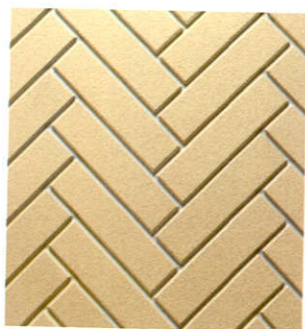
INTERIOR OPTIONS

Rutherford and Exclaim models come with your choice of traditional or herringbone refractories.

Rutherford panels shown below.



Traditional



Herringbone

NORTHSTAR OPTIONAL TRIM

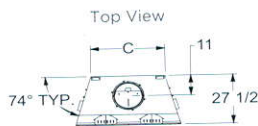
Brushed nickel trim is available as a stylish option for the Northstar.



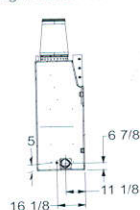
RUTHERFORD SPECIFICATIONS

MODEL	FRONT WIDTH		BACK WIDTH		HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
RUTHERFORD-36	46-7/8	47-7/8	31-1/8	47-7/8	74-1/8	74-1/4	27-1/2	28-1/2	36 x 38
RUTHERFORD-42	52-7/8	53-7/8	37-1/8	53-7/8	74-1/8	74-1/2	27-1/2	28-3/8	42 x 38
RUTHERFORD-50	60-7/8	61-7/8	45-1/8	61-7/8	74-1/8	74-1/2	27-1/2	28-3/8	50 x 38

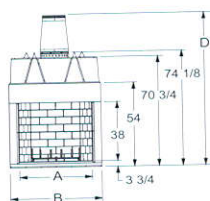
Drawings below represent the Rutherford 36, 42, & 50 combined.



Right Side View



Front View



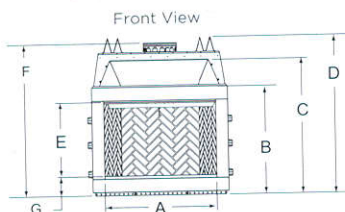
MODEL	A	B	C	D
RUTHERFORD-36	36	46-7/8	31-1/8	N/A
RUTHERFORD-42	42	52-7/8	37-1/8	97-1/2*
RUTHERFORD-50	50	60-7/8	45-1/8	N/A

*Transition piece included on Rutherford 42 only

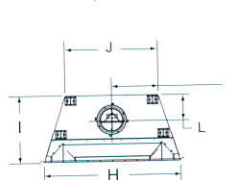
EXCLAIM SPECIFICATIONS

MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
EXCLAIM-36	44-1/2	45-1/2	28-5/8	45-1/2	49-5/8	50	59-1/4	60	27-1/2	28	36 x 28-1/2
EXCLAIM-42	50-1/2	51-1/2	34-1/2	51-1/2	49-5/8	50	59-1/4	60	27-1/2	28	42 x 28-1/2
EXCLAIM-50	60-5/8	61-5/8	41-5/8	61-5/8	60-1/4	61-1/4	70-1/2	71	29-1/2	30-1/2	50 x 33

Drawings below represent the Exclaim 36, 42, & 50 combined.



Top View



MODEL	A	B	C	D	E	F	G	H	I	J	K	L
EXCLAIM 36	36	43-1/8	49-5/8	59-1/4	28-1/2	55-1/2	7-5/8	44-1/2	27-1/2	28-5/8	14-3/8	9-1/2
EXCLAIM 42	42	43-1/8	49-5/8	59-1/4	28-1/2	55-1/2	7-5/8	50-1/2	27-1/2	34-1/2	17-3/8	9-1/2
EXCLAIM 50	50	48-3/8	60-1/4	70-1/2	33	68-1/8	8-3/4	60-5/8	29-1/2	41-5/8	20-3/4	11-5/8

ROYAL HEARTH SPECIFICATIONS

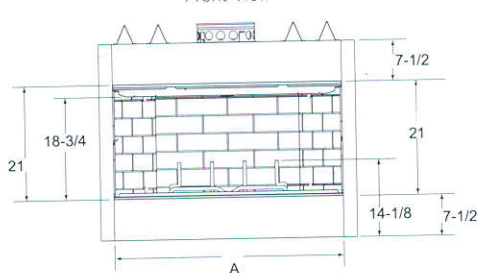
MODEL	FRONT WIDTH		BACK WIDTH		HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
RH-36	41	42	23-3/4	42	39-1/2	39-3/4	21-3/8	21-1/2	36 x 21
RH-42	47	48	29-3/4	48	39-1/2	39-3/4	21-3/8	21-1/2	42 x 21

Drawings below represent the RH-36 and RH-42 combined.

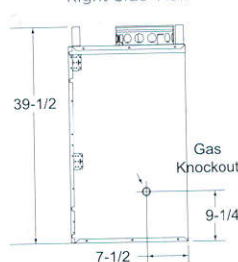
Left Side View



Front View

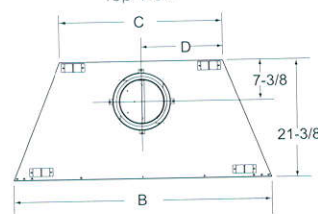


Right Side View



MODEL	A	B	C	D
RH-36	36	41	23-3/4	11-7/8
RH-42	42	47	29-3/4	14-7/8

Top View



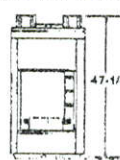
Dimensions above are in inches. Reference dimensions only. We recommend measuring individual units at installation. Assumes the use of 1/2" Sheetrock. NOTE: Non-combustible material is allowed over this dimension. Make sure you do NOT cover the decorative door opening. Refer to installation manual for detailed specifications on installing this product. Heat & Glo reserves the right to update units periodically. Actual product appearance, including flame, may differ from product images.

PIER AND BAY SPECIFICATIONS

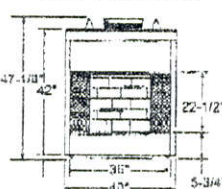
MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
PIER-40	40	40	40	40	47-1/8	47-5/8	47-1/8	47-5/8	24	23	36 X 22-1/2
BAY-40	40	36	40	36	47-1/8	47-5/8	47-1/8	47-5/8	24	23	36 X 22-1/2

Models Bay-40 and Pier-40

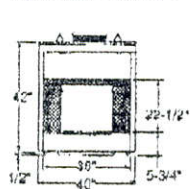
End View - Bay 40



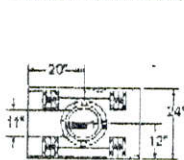
Front View - Bay 40



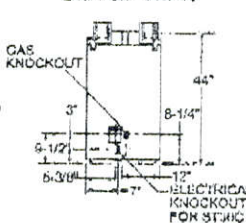
Front View - Pier 40



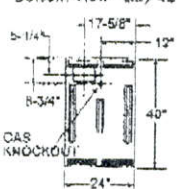
Top View - Both Models



End View - Pier 40



Bottom View - Bay 40

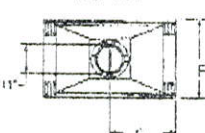


HST SEE-THROUGH SPECIFICATIONS

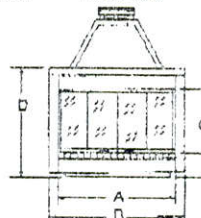
MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
HST-42D	40	41	40	41	41-1/2	41-3/4	41-1/2	41-3/4	24	23	36 X 21
HST-48D	47	48	47	48	39-1/4	39-3/4	39-1/4	39-3/4	28	27	42 X 23

Models HST-42D and HST-48D

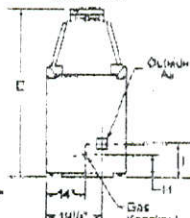
Top View



Front View



Side View



MODEL	DIMENSION								
	A	B	C	D	E	F	G	H	I
HST-42D	36	40	20-7/8	35	47-1/4	24	20	8-1/4	9-5/8
HST-48D	42	47	23	39-1/8	58-7/8	28	23-1/2	8-3/8	11-3/4

Dimensions above are in inches. Reference dimensions only. We recommend measuring individual units at installation. Assumes the use of 1/2" Sheetrock. NOTE: Non-combustible material is allowed over this dimension. Make sure you do NOT cover the negative door opening.

Refer to installation manual for detailed specifications on installing this product. Heat & Glo reserves the right to update units periodically. Actual product appearance, including flame, may differ from product images.

For complete information on this model,
please contact us at:

The Wood Stove & Fireplace Center
1643 Highway 35 North
Oakhurst, NJ 07755
(732) 531-1900
Fax (732) 531-6404
www.woodstoveandfireplace.com

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LIMITED LIFETIME WARRANTY

We warrant for the life of the unit, but not less than 10 years, the firebox and heat exchanger against firebox and heat exchanger.

For full warranty details, go to www.heatandglo.com.

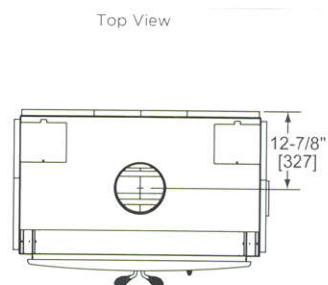
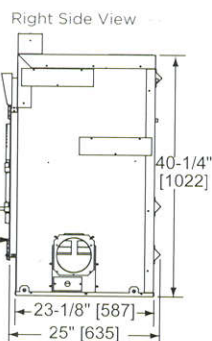
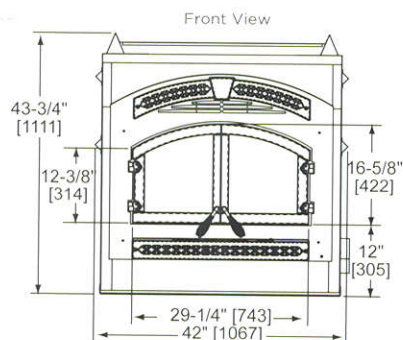
Propane, wood and pellet stoves are not covered by HST and are subject to separate firebox and heat exchanger warranties. Please refer to the separate warranty for these products.



HLN-1029J-1011

NORTHSTAR SPECIFICATIONS

MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	Unit	Framing	Unit	Framing	Unit	Framing	Unit	Framing	Unit	Framing	
Northstar*	40	42	40	42	43-13/16	43-7/8	43-13/16	43-7/8	23-1/8	24	272 sq. in.

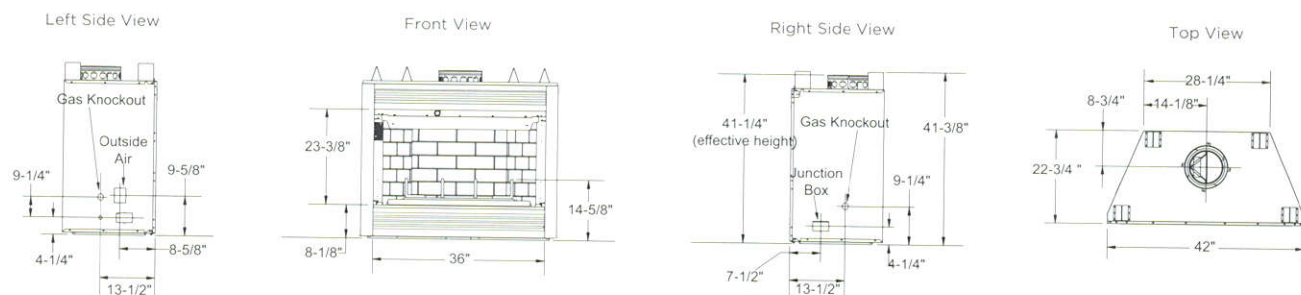


*Tested to EPA Phase II Standards, the Northstar fireplace meets the strictest environmental standards for wood-burning fireplaces and can be used in areas where conventional wood-burning appliances are restricted or banned.

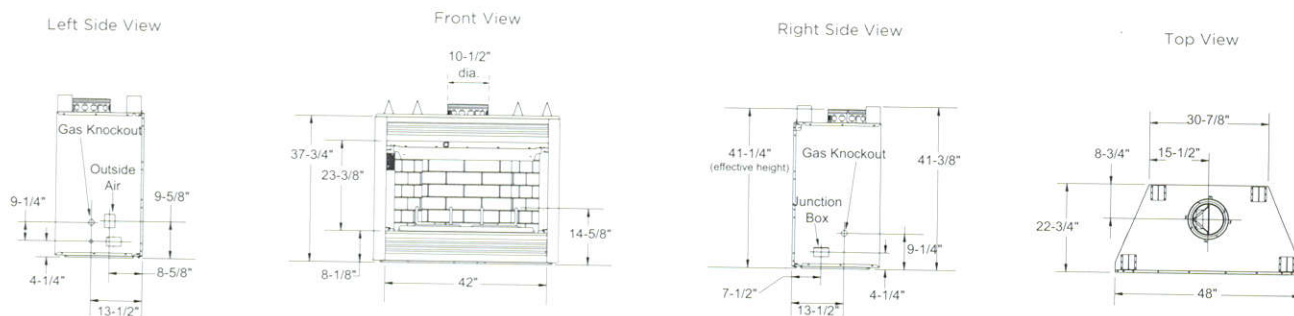
ENERGY MASTER SPECIFICATIONS

MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
EM-415	42	43	28-1/4	43	41-3/8	41-1/2	41-3/8	41-1/2	22-3/4	23	36 x 23-3/8
EM-485T	48	49	30-7/8	49	41-3/8	41-1/2	41-3/8	41-1/2	22-3/4	23	42 x 23-3/8

Energy Master Model EM-415



Energy Master Model EM-485T



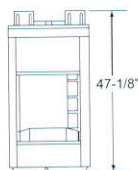
Dimensions above are in inches. Reference dimensions only. We recommend measuring individual units at installation. Assumes the use of 1/2" Sheetrock. NOTE: Non-combustible material is allowed over this dimension. Make sure you do NOT cover the decorative door opening. Refer to installation manual for detailed specifications on installing this product. Heat & Glo reserves the right to update units periodically. Actual product appearance, including flame, may differ from product images..

PIER AND BAY SPECIFICATIONS

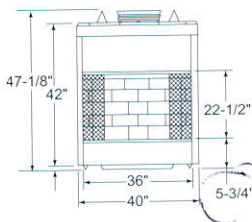
MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
PIER-40	40	40	40	40	47-1/8	47-5/8	47-1/8	47-5/8	24	23	36 X 22-1/2
BAY-40	40	39	40	39	47-1/8	47-5/8	47-1/8	47-5/8	24	23	36 X 22-1/2

Models Bay-40 and Pier-40

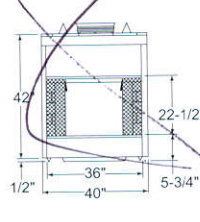
End View - Bay 40



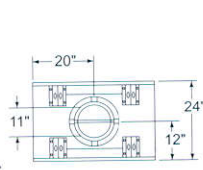
Front View - Bay 40



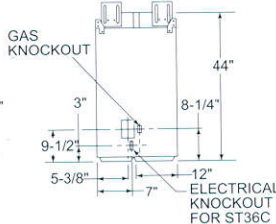
Front View - Pier 40



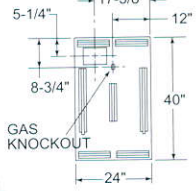
Top View - Both Models



End View - Pier 40



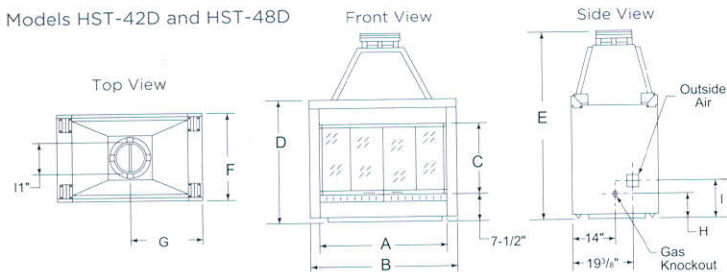
Bottom View - Bay 40



HST SEE-THROUGH SPECIFICATIONS

MODEL	FRONT WIDTH		BACK WIDTH		FRONT HEIGHT		REAR HEIGHT		DEPTH		FIREBOX OPENING
	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	UNIT	FRAMING	
HST-42D	40	41	40	41	41-1/2	41-3/4	41-1/2	41-3/4	24	23	36 X 21
HST-48D	47	48	47	48	39-1/4	39-3/4	39-1/4	39-3/4	28	27	42 X 23

Models HST-42D and HST-48D



MODEL	DIMENSION								
	A	B	C	D	E	F	G	H	I
HST-42D	36	40	20-7/8	35	47-1/4	24	20	8-1/4	9-5/8
HST-48D	42	47	23	39-1/8	58-7/8	28	23-1/2	8-3/8	11-3/4

Dimensions above are in inches. Reference dimensions only. We recommend measuring individual units at installation. Assumes the use of 1/2" Sheetrock. NOTE: Non-combustible material is allowed over this dimension. Make sure you do NOT cover the decorative door opening. Refer to installation manual for detailed specifications on installing this product. Heat & Glo reserves the right to update units periodically. Actual product appearance, including flame, may differ from product images.

For complete information on this model, please contact us at:

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LIMITED LIFETIME WARRANTY*

The strongest in the industry, Heat & Glo provides a limited lifetime warranty on the most important aspects: firebox and heat exchanger.

*For full warranty details, go to www.heatnglo.com.

Fireplace, stove and insert surfaces get extremely HOT and can cause severe burns if touched. Keep a safe distance away. To learn more visit: fireplaces.com/fireplacesafety



HNG-1029U-1011