BLOCK 848 LOT 12 QUALIFICATION CODE _____ ADDRESS (SITE) 1718 Forge Pond Rd PERMIT NO. 11-1206

APR 13 2011

CONSTRUCTION PERMIT APPLICATION

C11-001209

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

I. IDENTIFICATION

1. Proposed Work Site at: 1718 Forge Pond Rd
2. Name of Owner in Fee: Albert Adamczak
   Tel. [redacted] e-mail _____
   Address _____ Brick Twp _____
   street municipality zip code
3. Ownership in Fee: Public _____ Private _____
4. Principal Contractor: _____ Tel. ( ) _____
   Address _____ e-mail _____
   License _____ Exp. Date _____
   Home Improvement _____
   Federal _____
5. Architect _____
   Address _____
   Tel. ( )
6. Responsible _____
   Tel. ( ) _____ FAX: ( ) _____

NJR Home Services
1415 Wyckoff Rd., Wall NJ 07719
Tel. 1.877.466.3657 Fax. 732-938-3010
Contractor License No. 13VH00361500
Federal Employee No. 22-3609806

JOSEPH MARAZZO TEL. 732-919-8090

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	$	40 ✓	
2. Electrical		50 ✓	
3. Plumbing		45 ✓	
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	$		
8. Subtotal	$		
9. State Permit Surcharge Fee		9	
10. Subtotal	$		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	$	144-	

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. 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 ____	

IIa. PROPOSED WORK

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

IIb. SUBCODES

(Check all that apply)

FOR OFFICE USE ONLY (Optional)

	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Resubmission Dates Rejection	Re-viewer
☐ Building									
☐ Electrical					4/9/11	JS			
☐ Plumbing					4/11/11	MA			
☐ Fire Protection					waiver	DD			
☐ Elevator									
TOTAL COST									

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)

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

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 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 _____ 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 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

Addr **NJR Home Services**
1415 Wyckoff Rd., Wall NJ 07719
Tel. 1.877.466.3657 Fax. 732-938-3010
Telep **Contractor License No. 13VH00361500**
Signa **Federal Employee No. 22-3609806**

III. (**JOSEPH MARAZZO TEL. 732-919-8090** ner Affidavit as per N.J.A.C. 5:17.

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 06/15/2011
Control Number C-11-001209
Permit Number 11-1206
Permit Issue Date 04/29/2011
Certificate Number 11-1206

Certificate

Construction Code Division

(Certificate of Approval)

Identification

Work Site Location: 1718 FORGE POND RD. Brick Township, NJ Block: 848 Lot: 12 Qual:

Owner in Fee: ADAMCZAK, WALTER C & ALBERT R

Owner Address: 1718 FORGE POND RD BRICK NJ 08724

Telephone: [redacted]

Contractor NJR PLUMBING SERVICES

Address 1415 WYCKOFF RD WALL NJ 07719

Telephone: (732) 938-1155 Fax: (732) 938-3010

License Number or Builders Registration Number: 36BI00969200 Federal Emp. Number: 22-3609806

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: REPLACEMENT HOT AIR FURNACE

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

Fee: $0.00
Check Number:
Collected By:

Date Printed: 06/15/2011 U.C.C. F260 (rev. 08/05)

CONSTRUCTION PERMIT

Date Issued 04/29/11
Control # C-11-001209
Permit # 11-1206

IDENTIFICATION Block: 848 Lot: 12 Qualifier
Work Site Location: 1718 FORGE POND RD. Brick Township, NJ
Owner in Fee ADAMCZAK, WALTER C & ALBERT R
1718 FORGE POND RD BRICK NJ 08724
Telephone: [redacted]

Contractor NJR PLUMBING SERVICES
Address 1415 WYCKOFF RD WALL NJ 07719
Telephone: (732) 938-1155
Lic. No. or Bldrs. Reg. No. 36BI00969200
Federal Employee. No. 22-3609806

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:
REPLACEMENT HOT AIR FURNACE

PAYMENTS (Office Use Only)

Building	$0
Electrical	$40
Plumbing	$50
Fire Protection	$45
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$9
CO Fee	
Other	$0
Total	$144
Check No.	
Cash	$0
Credit	$0
Collected By	

Note: If constuction 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 $4,728

Construction Official

4-25-11
Date

U.C.C. F170
equiv (rev 8/03)

1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

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.

Please contact NJR Home Services when permits are ready. We will be responsible for payment.
Thank you, Sandy
732-919-8172
EMAIL:SDAVIS@NJRESOURCES.COM

ELECTRICAL SUBCODE
TECHNICAL SECTION

Date Received / Control # 11-1206

Date Issued / Permit # 04/29/11

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted]) e-mail

Address
street municipality zip code

Contractor: NJR HOME SERVICES Tel. (732) 938-7330

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

Contractor License No. 16095 Exp. Date 3/12

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: (732) 938-3010

B. ELECTRICAL CHARACTERISTICS

Use Group Present x Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 1576.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[✓] No Plans Required
[ ] 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: 4-11-11
Approved by: JJ
SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date: 6-2-11
Approved by: JJ

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final			6-1-11	DD
Barrier-Free				
Temp. Cut-in-Card Date Issued				
Final Cut-in-Card Date Issued				
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: Rich George

Print name here: Rich George

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
install gas furnace

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	
1		gas furnace	

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

U.C.C. F120 (rev. 11/09) Internet version

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received / Control # 11-1206

Date Issued / Permit # 04/29/11

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted]) e-mail

Address

Contractor: NJR HOME SERVICES (street / municipality) Tel. 732 919-8090 (zip code)

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

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): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: (732 938-3010

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present X Proposed

Constr. Class: Present Proposed

Heating System: [X] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [X] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location:

Total Cost of Fire Protection Work $ 1576.00

Fuel Storage Tank:
Fuel Type: [ ] Flammable OR [ ] Combustible
Capacity

Fire Alarm System: [ ] New OR [ ] Existing
Location of Panel:

Fire Suppression/Standpipe System:
[ ] New OR [ ] Existing
Location of Main Control Valve:

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:

Print name here:

[ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: install gas furnace
Water Supply Source
Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only) $
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		
CO_2 Suppression		
Foam Suppression		
FM200 Suppression		
Other		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fuel-Fired Appliances [ ] Gas [ ] Oil [ ] Solid		45
Fireplace Venting/Metal Chimney		
Other		
Administrative Surcharge $		
Minimum Fee $		
State Permit Surcharge Fee $		
TOTAL FEE $		

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[ ] Fire Protection Plans Approved
Date: Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4/29/11
Approved by: DB

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 6-1-11
Approved by: KAB

INSPECTIONS Type:	Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical			6-1-11	DB
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			6-1-11	DB
Other				

Dates (Month/Day)

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

PLUMBING SUBCODE
TECHNICAL SECTION

Date Received 11-1206
Control #

Date Issued 04/29/11
Permit #

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted]) e-mail

Address
street municipality zip code

Contractor: NJR PLUMBING SERVICES Tel. 732 938-1155

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

Contractor License No. 9692 Exp. Date 6/11

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: ( ) 732 938-3010

B. PLUMBING CHARACTERISTICS

Use Group Present x Proposed

Building Sewer Size Public Sewer Private Septic

Water Service Size Public Water Private Well

Est. Cost of Plumbing Work $ 1576.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[ ] Plumbing Plans Approved
Date: 4/29/11 Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4-21-11
Approved by: BJ

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date: 6-7-11
Approved by: BJ

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping	05-23-11		05-23-11	PA
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final			06.01.11	

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 Plumbing Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

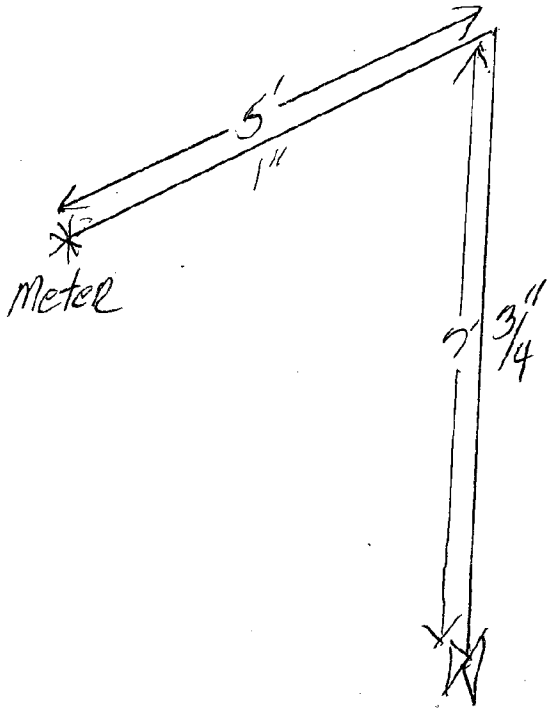
DESCRIPTION OF WORK

install gas furnace & gas piping

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	
12'	Gas Piping	
	LPGas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
1	Other gas furnace 60,000	

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

1718 Forge Pond Rd Brick



Furnace
60,000BTU

Total Lenght 12'
Total Load 60,000

TOWNSHIP OF BRICK

RELEASED FOR PERMIT	INITIAL	DATE
Building Subcode		
Fire Subcode		
Electrical Subcode		
Plan Reviewer		
Plans Released		4/21/11
Construction Official		

PLUMBING SUBCODE
TECHNICAL SECTION

Date Received 11/15/2010
Control #

Date Issued 4/29/11
Permit #

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted] e-mail

Address
street municipality zip code

Contractor: NJR PLUMBING SERVICES Tel. 732 938-1155

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

Contractor License No. 9692 Exp. Date 6/11

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: ( ) 732 938-3010

B. PLUMBING CHARACTERISTICS

Use Group Present x Proposed

Building Sewer Size Public Sewer Private Septic

Water Service Size Public Water Private Well

Est. Cost of Plumbing Work $ 1576.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[ ] Plumbing Plans Approved
Date: 4/29/11 Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4-21-11
Approved by: JW

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final				

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 Plumbing Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

install gas furnace & gas piping

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	
42'	Gas Piping	
	LPGas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
1	Other gas furnace 60,000	

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

PLUMBING SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received 11-1249
Control #
Date Issued
Permit # 04/05/11

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

Block 646 Lot 12 Qualification Code

Work Site Location 1710 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted] e-mail

Address (street, municipality, zip code)

Contractor: NJR PLUMBING SERVICES Tel. 732 938-1155

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

Contractor License No. 9692 Exp. Date 6/11

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: ( ) 732 938-3010

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed

Building Sewer Size X Public Sewer Private Septic

Water Service Size Public Water Private Well

Est. Cost of Plumbing Work $ 1575.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial-Underslab Utilities Approved

Date: 4/11 Approved by: [signature]

[ ] Plumbing Plans Approved

Date: Approved by:

Joint Plan Review Required:

[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT

Date: 4-21-11

Approved by: [signature]

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] CCO [ ] CA

Date:

Approved by:

INSPECTIONS Type:	Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final				

Dates (Month/Day)

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: [signature]

Print name here:

[ ] Licensed Plumbing Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

install gas furnace & gas piping

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	
12' 1	Gas Piping	
	LPGas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
1	Other gas furnace 60,000	

Administrative Surcharge $

Minimum Fee $

State Permit Surcharge Fee $

TOTAL FEE $

U.C.C. F130 (rev. 11/09)
Internet version

ELECTRICAL SUBCODE
TECHNICAL SECTION

Date Received Control # 11-1206

Date Issued Permit # 04/29/11

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

Block 848 Lot 12 Qualification Code 04-30120

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczhk

Tel. ([redacted] e-mail

Address
street municipality zip code

Contractor: NJR HOME SERVICES Tel. (732) 938-7330

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

Contractor License No. 16095 Exp. Date 3/12

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: (732) 938-3010

B. ELECTRICAL CHARACTERISTICS

Use Group Present x Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 1676.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[✓] No Plans Required

[ ] 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: 4-19-11
Approved by: JS

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final				
Barrier-Free				
Temp. Cut-in-Card Date Issued				
Final Cut-in-Card Date Issued				
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: Rich George

Print name here: Rich George

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
install gas furnace

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	
1		KW Transformer/Generator	
		AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	
1		gas furnace	

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

ELECTRICAL SUBCODE
TECHNICAL SECTION

Date Received / Control # 11-1206

Date Issued / Permit # 04/25/11

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczuk

Tel. ([redacted] e-mail

Address
street municipality zip code

Contractor: NJR HOME SERVICES Tel. (732) 938-7330

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

Contractor License No. 16095 Exp. Date 3/12

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: (732) 938-3010

B. ELECTRICAL CHARACTERISTICS

Use Group Present X Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 1676.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[✓] No Plans Required

[ ] 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: 4-1-11
Approved by: JS

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final				
Barrier-Free				

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

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: Rich Bourque

Print name here: Rich Bourque

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
install gas furnace

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	
1		gas furnace	

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

U.C.C. F120 (rev. 11/09) Internet version

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received / Control # 11-1206

Date Issued / Permit # 01/29/11

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd
Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted] e-mail

Address

Contractor: NJR HOME SERVICES (street / municipality) Tel. 732 919-8090 (zip code)

Address 1415 WYCKOFF RD e-mail
WALL NJ 07719

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): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: (732) 938-3010

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present x Proposed

Constr. Class: Present Proposed

Heating System: [x] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [x] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location:

Total Cost of Fire Protection Work $ 1576.00

Fuel Storage Tank:
Fuel Type: [ ] Flammable OR [ ] Combustible
Capacity

Fire Alarm System: [ ] New OR [ ] Existing
Location of Panel:

Fire Suppression/Standpipe System:
[ ] New OR [ ] Existing
Location of Main Control Valve:

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[ ] Fire Protection Plans Approved
Date: Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 1/29/11
Approved by: OB

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	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 sign/Contractor sign and seal here:

Print name here: [ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: install gas furnace
Water Supply Source
Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only) $
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		
CO_2 Suppression		
Foam Suppression		
FM200 Suppression		
Other		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fuel-Fired Appliances [ ] Gas [ ] Oil [ ] Solid		45
Fireplace Venting/Metal Chimney		
Other		
Administrative Surcharge $		
Minimum Fee $		
State Permit Surcharge Fee $		
TOTAL FEE $		

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received / Control # 11-12-06

Date Issued / Permit # 4/25/11

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

Block 848 Lot 12 Qualification Code

Work Site Location 1718 Forge Pond Rd Brick

Owner in Fee: Albert Adamczak

Tel. ([redacted]) e-mail

Address

Contractor: NJR HOME SERVICES (street / municipality) Tel. 732) 919-6090 (zip code)

Address 1415 WYCKOFF RD WALL NJ 07719 e-mail

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): 13VH00361500

Federal Emp. ID No. 22-3609806 FAX: (732 938-3010

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present X Proposed

Constr. Class: Present Proposed

Heating System: [X] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [X] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location:

Total Cost of Fire Protection Work $ 1576.00

Fuel Storage Tank:

Fuel Type: [ ] Flammable OR [ ] Combustible

Capacity

Fire Alarm System: [ ] New OR [ ] Existing

Location of Panel:

Fire Suppression/Standpipe System:

[ ] New OR [ ] Existing

Location of Main Control Valve:

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial -Underslab Utilities Approved

Date: Approved by:

[ ] Fire Protection Plans Approved

Date: Approved by:

Joint Plan Review Required:

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

SUBCODE APPROVAL for PERMIT

Date: 4/25/11

Approved by: OK

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] CCO [ ] CA

Date:

Approved by:

INSPECTIONS	Dates (Month/Day)			
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				

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:

Print name here:

[ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: install gas furnace

Water Supply Source

Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only) $
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		
CO_2 Suppression		
Foam Suppression		
FM200 Suppression		
Other		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fuel-Fired Appliances [ ] Gas [ ] Oil [ ] Solid		45
Fireplace Venting/Metal Chimney		
Other		
Administrative Surcharge $		
Minimum Fee $		
State Permit Surcharge Fee $		
TOTAL FEE $		

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

CHIMNEY CERTIFICATION
FOR REPLACEMENT OF FUEL FIRED EQUIPMENT

BLOCK 848 LOT 12 QUALIFICATION CODE _____ PERMIT # _____

WORK SITE ADDRESS 1718 Forge Road Rd

Applicant Albert Adamczak

Certifying Individual Joseph Marazzo Company NJR Home Services

Address 1415 Wyckoff Rd (Street) Wall (City) NJ (State) 07719 (Zip Code)

Tel. (732) 919-8172

Check the Appropriate Box

Type of Replacement:

- [ ] Oil to Gas Conversion
- [ ] Gas Appliance Replacement
- [ ] Oil to Oil Replacement
- [ ] Other _____

Existing Vent/Chimney:

- [ ] B Label Vent
- [ ] L Label Vent
- [ ] Masonry Chimney – Tile Lined
- [ ] Flexible Liner
- [ ] Power Vent/Exhauster
- [X] Other PVC

PLEASE SIGN ONE OF THE FOLLOWING CERTIFICATION STATEMENTS

CERTIFICATION

For Oil to Gas Conversions:

I herby certify that the chimney/vent is free and clear of obstruction and is substantially clean of residue from its previous use serving an oil appliance. I further certify that the chimney/vent is appropriately lined and sized for the appliance being installed

_____
Signature Date

Oil to Oil or Gas to Gas Replacements:

I hereby certify that the existing chimney/vent is free and clear of obstruction. I further certify that the existing chimney/vent is appropriately lined and sized for the appliance being installed.

_____
Signature Date

Certification Not Submitted:

I choose not to submit a certification. I understand that I will be required to be present for the inspection to remove and reinstall the chimney vent connector.

_____
Signature Date

Direct Vent Appliance:
No certification required.

_____
Signature Date

THIS FORM MUST BE RETURNED TO THE CODE ENFORCEMENT OFFICE PRIOR TO FINAL INSPECTION.

NJR Service Corp

1415 Wyckoff Rd Wall, NJ 07719
Phone: 732-938-1289 Fax: 732-938-3010 E-mail: aluster@njresources.com

Heat Load Summary Report for Albert Adamczak

Room Name	Square Ft.	Heating Loss BTUH	Hydronic Heat Linear Ft.	Latent / Sensible Gain BTUH	Cooling Gain BTUH	Cooling Tons	Cooling CFM
Kitchen/Dinning Room	247	3908	6.51	727 / 6838	7564	0.63	252
Living Room	260	4443	7.41	749 / 3661	4410	0.37	147
Bathroom	45	318	0.53	45 / 576	621	0.05	21
Bedroom	182	2896	4.83	183 / 4067	4251	0.35	142
Bedroom	270	5554	9.26	763 / 5709	6471	0.54	216
TOTALS	**1004**	**17119**	**28.53**	**2467 / 20851**	**23317**	**1.94**	**778**

Disclaimer

These computed results should be treated as estimates only and should be viewed as only one of the many tools required for a professional installation. The installing contractor's experience and expert judgement are also major factors in sizing and installing a complete system. The weather, customer usage, duct installation, and structure design may vary on each estimate and should be taken into account. Correct system sizing is based on the systems ability to meet both latent and sensible heat requirements, not just total BTUs.

NJR Service Corp

1415 Wyckoff Rd Wall, NJ 07719
Phone: 732-938-1289 Fax: 732-938-3010 E-mail: aluster@njresources.com

Heat Load Detail Report for Albert Adamczak

Room 1 of 5

Room Specifications: Kitchen/Dinning Room

Room Length (Ft.) :	13	Sq. Ft windows facing NE & NW:	33	Watts Incandescent Light:	200
Room Width (Ft.) :	19	Sq. Ft windows facing South:	--	Watts Flourescent Light:	--
Room Height (Ft.) :	9	Sq. Ft windows facing SE & SW:	--	Duct Length from A/H to room:	20
Exposed Wall Length (Ft.) :	19	Number of Exterior Doors:	--	Number of Large Electric Motors:	1
Wall against unconditioned room (Ft.) :	--	Sq. Ft. Exterior Doors:	--	Average Electric Motor Horsepower:	1
Sq. Ft windows facing North:	--	Number of People in Room:	2	BTUH Appliance Sensible Heat:	18
Sq. Ft windows facing E & W:	--			BTUH Appliance Latent Heat:	78

Indoor/Outdoor Design Temperatures (degrees Farenheit)

Summer:		Winter:	
Inside (Thermostat setting) :	74	Inside (Thermostat setting) :	72
Outside (Above ground):	97	Outside (Above ground :	20
Outside (Below ground):	65	Outside (Below ground) :	60
Unconditioned Space :	97	Unconditioned Space :	65
Above Ceiling (Attic/Crawl Space) :	130	Above Ceiling (Attic/Crawl Space) :	45
Concrete Slab (Ground temperature) :	80	Concrete Slab (Ground temperature) :	55
Unconditioned Basement :	60	Unconditioned Basement :	55
Below Floor Crawl Space :	85	Below Floor Crawl Space :	50

Applicable Temperatures: Above Ceiling: Attic or Crawl Space Below Floor: Concrete Slab Exposed Walls: Above Ground

Design Conditions

Occupant Sensible Load (BTUH per person) :	250
Occupant Latent Load (BTUH per person) :	200
Duct Insulation Factor :	1
Duct Temperature Difference (Summer) :	20
Duct Temperature Difference (Winter) :	45
Humidity Difference Inside/Outside % (Summer) :	20
Humidity Difference Inside/Outside %(Winter) :	15
Fresh Air Per Person (CFM) :	2
Air Change Factor (Air change per hour) :	.5
Space Shading Factor :	.4
Air Handler Design Cooling (CFM per ton) :	400
Hydronic Heat (BTUH per linear ft :	600

Insulation Values (U-Factors)

Exposed Walls (Above Ground) :	.080
Exposed Walls (Below Ground) :	.5
Partitions :	.075
Roof/Ceiling :	.055
Floor (Above basement) :	.083
Floor (Concrete slab) :	.001
Floor (Between conditioned spaces) :	.287
Doors :	.500
Windows :	.900

Calculated Room Results - Summer Heat Gains

Wall Heat Gain (BTUH) :	315	Appliance/Elec Motor Latent Heat Gain (BTUH) :	478
Ceiling or Roof Heat Gain (BTUH) :	761	Appliance/Elec Motor Sensible Heat Gain (BTUH) :	4593
Floor Heat Gain (BTUH) :	1	Ventilation Latent Heat Gain (BTUH) :	249
Glass Heat Gain (BTUH) :	622	Ventilation Sensible Gain (BTUH) :	461
Exterior Door & North Window Heat Gain (BTUH) :	0	Summer Total Latent Heat Gain:	727
Solar Heat Gain (BTUH) :	0	Summer Total Sensible Heat Gain (BTUH) :	6838
Total Transmission Heat Gain (BTUH) :	1699	**TOTAL SUMMER COOLING LOAD (BTUH) :**	**7564**

Calculated Room Results - Winter Heat Losses

Transmission Heat Losses (BTUH) :	2679	Latent Ventilation Heat Losses (BTUH) :	187
Sensible Ventilation Heat Losses (BTUH) :	1042	Hydronic Heat(Linear Ft.) :	7
		TOTAL WINTER HEATING LOAD (BTUH) :	**3908**

Calculated Totals for Entire Structure

Size of Structure (Sq. Ft.):	1004	Total Sensible Heat Gain (BTUH):	20851
Total Heat Loss (BTUH):	17119	Total Cooling Gain (BTUH):	23317
Total Hydronic Heat (Linear Ft.):	28.53	Total Cooling Requirement (Tons):	1.94
Total Latent Heat Gain (BTUH):	2467	Total Cooling CFM:	778

Prepared 4/11/2011 using O'Brien Quick Loads Pro - Version 1.01 - SN: QP-070101-30074

NJR Service Corp

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Heat Load Detail Report for Albert Adamczak

Room 2 of 5

Room Specifications: Living Room

Room Length (Ft.) :	13	Sq. Ft windows facing NE & NW:	36	Watts Incandescent Light:	200
Room Width (Ft.) :	20	Sq. Ft windows facing South:	--	Watts Flourescent Light:	--
Room Height (Ft.) :	12	Sq. Ft windows facing SE & SW:	--	Duct Length from A/H to room:	20
Exposed Wall Length (Ft.) :	13	Number of Exterior Doors:	--	Number of Large Electric Motors:	--
Wall against unconditioned room (Ft.) :	--	Sq. Ft. Exterior Doors:	--	Average Electric Motor Horsepower:	--
Sq. Ft windows facing North:	--	Number of People in Room:	2	BTUH Appliance Sensible Heat:	--
Sq. Ft windows facing E & W:	--			BTUH Appliance Latent Heat:	--

Indoor/Outdoor Design Temperatures (degrees Farenheit)

Summer:		Winter:	
Inside (Thermostat setting) :	74	Inside (Thermostat setting) :	72
Outside (Above ground):	97	Outside (Above ground :	20
Outside (Below ground):	65	Outside (Below ground) :	60
Unconditioned Space :	97	Unconditioned Space :	65
Above Ceiling (Attic/Crawl Space) :	130	Above Ceiling (Attic/Crawl Space) :	45
Concrete Slab (Ground temperature) :	80	Concrete Slab (Ground temperature) :	55
Unconditioned Basement :	60	Unconditioned Basement :	55
Below Floor Crawl Space :	85	Below Floor Crawl Space :	50

Applicable Temperatures: Above Ceiling: Attic or Crawl Space Below Floor: Concrete Slab Exposed Walls: Above Ground

Design Conditions

Occupant Sensible Load (BTUH per person) :	250
Occupant Latent Load (BTUH per person) :	200
Duct Insulation Factor :	1
Duct Temperature Difference (Summer) :	20
Duct Temperature Difference (Winter) :	45
Humidity Difference Inside/Outside % (Summer) :	20
Humidity Difference Inside/Outside %(Winter) :	15
Fresh Air Per Person (CFM) :	2
Air Change Factor (Air change per hour) :	.5
Space Shading Factor :	.4
Air Handler Design Cooling (CFM per ton) :	400
Hydronic Heat (BTUH per linear ft :	600

Insulation Values (U-Factors)

Exposed Walls (Above Ground) :	.080
Exposed Walls (Below Ground) :	.5
Partitions :	.075
Roof/Ceiling :	.055
Floor (Above basement) :	.083
Floor (Concrete slab) :	.001
Floor (Between conditioned spaces) :	.287
Doors :	.500
Windows :	.900

Calculated Room Results - Summer Heat Gains

Wall Heat Gain (BTUH) :	287	Appliance/Elec Motor Latent Heat Gain (BTUH) :	400
Ceiling or Roof Heat Gain (BTUH) :	801	Appliance/Elec Motor Sensible Heat Gain (BTUH) :	1182
Floor Heat Gain (BTUH) :	2	Ventilation Latent Heat Gain (BTUH) :	349
Glass Heat Gain (BTUH) :	679	Ventilation Sensible Gain (BTUH) :	647
Exterior Door & North Window Heat Gain (BTUH) :	0	Summer Total Latent Heat Gain:	749
Solar Heat Gain (BTUH) :	0	Summer Total Sensible Heat Gain (BTUH) :	3661
Total Transmission Heat Gain (BTUH) :	1768	**TOTAL SUMMER COOLING LOAD (BTUH) :**	**4410**

Calculated Room Results - Winter Heat Losses

Transmission Heat Losses (BTUH) :	2718	Latent Ventilation Heat Losses (BTUH) :	262
Sensible Ventilation Heat Losses (BTUH) :	1463	Hydronic Heat(Linear Ft.) :	7
		TOTAL WINTER HEATING LOAD (BTUH) :	**4443**

Calculated Totals for Entire Structure

Size of Structure (Sq. Ft.):	1004	Total Sensible Heat Gain (BTUH):	20851
Total Heat Loss (BTUH):	17119	Total Cooling Gain (BTUH):	23317
Total Hydronic Heat (Linear Ft.):	28.53	Total Cooling Requirement (Tons):	1.94
Total Latent Heat Gain (BTUH):	2467	Total Cooling CFM:	778

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Heat Load Detail Report for Albert Adamczak

Room 3 of 5

Room Specifications: Bathroom

Room Length (Ft.) :	5	Sq. Ft windows facing NE & NW:	--	Watts Incandescent Light:	100
Room Width (Ft.) :	9	Sq. Ft windows facing South:	--	Watts Flourescent Light:	--
Room Height (Ft.) :	9	Sq. Ft windows facing SE & SW:	--	Duct Length from A/H to room:	10
Exposed Wall Length (Ft.) :	--	Number of Exterior Doors:	--	Number of Large Electric Motors:	--
Wall against unconditioned room (Ft.) :	--	Sq. Ft. Exterior Doors:	--	Average Electric Motor Horsepower:	--
Sq. Ft windows facing North:	--	Number of People in Room:	--	BTUH Appliance Sensible Heat:	--
Sq. Ft windows facing E & W:	--			BTUH Appliance Latent Heat:	--

Indoor/Outdoor Design Temperatures (degrees Farenheit)

Summer:		Winter:	
Inside (Thermostat setting) :	74	Inside (Thermostat setting) :	72
Outside (Above ground):	97	Outside (Above ground :	20
Outside (Below ground):	65	Outside (Below ground) :	60
Unconditioned Space :	97	Unconditioned Space :	65
Above Ceiling (Attic/Crawl Space) :	130	Above Ceiling (Attic/Crawl Space) :	45
Concrete Slab (Ground temperature) :	80	Concrete Slab (Ground temperature) :	55
Unconditioned Basement :	60	Unconditioned Basement :	55
Below Floor Crawl Space :	85	Below Floor Crawl Space :	50

Applicable Temperatures: Above Ceiling: Attic or Crawl Space Below Floor: Concrete Slab Exposed Walls: Above Ground

Design Conditions

Occupant Sensible Load (BTUH per person) :	250
Occupant Latent Load (BTUH per person) :	200
Duct Insulation Factor :	1
Duct Temperature Difference (Summer) :	20
Duct Temperature Difference (Winter) :	45
Humidity Difference Inside/Outside % (Summer) :	20
Humidity Difference Inside/Outside %(Winter) :	15
Fresh Air Per Person (CFM) :	2
Air Change Factor (Air change per hour) :	.5
Space Shading Factor :	.4
Air Handler Design Cooling (CFM per ton) :	400
Hydronic Heat (BTUH per linear ft :	600

Insulation Values (U-Factors)

Exposed Walls (Above Ground) :	.080
Exposed Walls (Below Ground) :	.5
Partitions :	.075
Roof/Ceiling :	.055
Floor (Above basement) :	.083
Floor (Concrete slab) :	.001
Floor (Between conditioned spaces) :	.287
Doors :	.500
Windows :	.900

Calculated Room Results - Summer Heat Gains

Wall Heat Gain (BTUH) :	0	Appliance/Elec Motor Latent Heat Gain (BTUH) :	0
Ceiling or Roof Heat Gain (BTUH) :	139	Appliance/Elec Motor Sensible Heat Gain (BTUH) :	341
Floor Heat Gain (BTUH) :	0	Ventilation Latent Heat Gain (BTUH) :	45
Glass Heat Gain (BTUH) :	0	Ventilation Sensible Gain (BTUH) :	84
Exterior Door & North Window Heat Gain (BTUH) :	0	Summer Total Latent Heat Gain:	45
Solar Heat Gain (BTUH) :	0	Summer Total Sensible Heat Gain (BTUH) :	576
Total Transmission Heat Gain (BTUH) :	139	**TOTAL SUMMER COOLING LOAD (BTUH) :**	**621**

Calculated Room Results - Winter Heat Losses

Transmission Heat Losses (BTUH) :	94	Latent Ventilation Heat Losses (BTUH) :	34
Sensible Ventilation Heat Losses (BTUH) :	190	Hydronic Heat(Linear Ft.) :	1
		TOTAL WINTER HEATING LOAD (BTUH) :	**318**

Calculated Totals for Entire Structure

Size of Structure (Sq. Ft.):	1004	Total Sensible Heat Gain (BTUH):	20851
Total Heat Loss (BTUH):	17119	Total Cooling Gain (BTUH):	23317
Total Hydronic Heat (Linear Ft.):	28.53	Total Cooling Requirement (Tons):	1.94
Total Latent Heat Gain (BTUH):	2467	Total Cooling CFM:	778

Prepared 4/11/2011 using O'Brien Quick Loads Pro - Version 1.01 - SN: QP-070101-30074

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Heat Load Detail Report for Albert Adamczak

Room 4 of 5

Room Specifications: Bedroom

Room Length (Ft.) :	13	Sq. Ft windows facing NE & NW:	--	Watts Incandescent Light:	200
Room Width (Ft.) :	14	Sq. Ft windows facing South:	--	Watts Flourescent Light:	--
Room Height (Ft.) :	9	Sq. Ft windows facing SE & SW:	24	Duct Length from A/H to room:	20
Exposed Wall Length (Ft.) :	13	Number of Exterior Doors:	--	Number of Large Electric Motors:	--
Wall against unconditioned room (Ft.) :	14	Sq. Ft. Exterior Doors:	--	Average Electric Motor Horsepower:	--
Sq. Ft windows facing North:	--	Number of People in Room:	--	BTUH Appliance Sensible Heat:	--
Sq. Ft windows facing E & W:	--			BTUH Appliance Latent Heat:	--

Indoor/Outdoor Design Temperatures (degrees Farenheit)

Summer:		**Winter:**	
Inside (Thermostat setting) :	74	Inside (Thermostat setting) :	72
Outside (Above ground):	97	Outside (Above ground :	20
Outside (Below ground):	65	Outside (Below ground) :	60
Unconditioned Space :	97	Unconditioned Space :	65
Above Ceiling (Attic/Crawl Space) :	130	Above Ceiling (Attic/Crawl Space) :	45
Concrete Slab (Ground temperature) :	80	Concrete Slab (Ground temperature) :	55
Unconditioned Basement :	60	Unconditioned Basement :	55
Below Floor Crawl Space :	85	Below Floor Crawl Space :	50

Applicable Temperatures: Above Ceiling: Attic or Crawl Space Below Floor: Concrete Slab Exposed Walls: Above Ground

Design Conditions

Occupant Sensible Load (BTUH per person) :	250
Occupant Latent Load (BTUH per person) :	200
Duct Insulation Factor :	1
Duct Temperature Difference (Summer) :	20
Duct Temperature Difference (Winter) :	45
Humidity Difference Inside/Outside % (Summer) :	20
Humidity Difference Inside/Outside %(Winter) :	15
Fresh Air Per Person (CFM) :	2
Air Change Factor (Air change per hour) :	.5
Space Shading Factor :	.4
Air Handler Design Cooling (CFM per ton) :	400
Hydronic Heat (BTUH per linear ft :	600

Insulation Values (U-Factors)

Exposed Walls (Above Ground) :	.080
Exposed Walls (Below Ground) :	.5
Partitions :	.075
Roof/Ceiling :	.055
Floor (Above basement) :	.083
Floor (Concrete slab) :	.001
Floor (Between conditioned spaces) :	.287
Doors :	.500
Windows :	.900

Calculated Room Results - Summer Heat Gains

Wall Heat Gain (BTUH) :	433	Appliance/Elec Motor Latent Heat Gain (BTUH) :	0
Ceiling or Roof Heat Gain (BTUH) :	561	Appliance/Elec Motor Sensible Heat Gain (BTUH) :	682
Floor Heat Gain (BTUH) :	1	Ventilation Latent Heat Gain (BTUH) :	183
Glass Heat Gain (BTUH) :	453	Ventilation Sensible Gain (BTUH) :	340
Exterior Door & North Window Heat Gain (BTUH) :	0	Summer Total Latent Heat Gain:	183
Solar Heat Gain (BTUH) :	1536	Summer Total Sensible Heat Gain (BTUH) :	4067
Total Transmission Heat Gain (BTUH) :	2983	**TOTAL SUMMER COOLING LOAD (BTUH) :**	**4251**

Calculated Room Results - Winter Heat Losses

Transmission Heat Losses (BTUH) :	1991	Latent Ventilation Heat Losses (BTUH) :	137
Sensible Ventilation Heat Losses (BTUH) :	768	Hydronic Heat(Linear Ft.) :	5
		TOTAL WINTER HEATING LOAD (BTUH) :	**2896**

Calculated Totals for Entire Structure

Size of Structure (Sq. Ft.):	1004	Total Sensible Heat Gain (BTUH):	20851
Total Heat Loss (BTUH):	17119	Total Cooling Gain (BTUH):	23317
Total Hydronic Heat (Linear Ft.):	28.53	Total Cooling Requirement (Tons):	1.94
Total Latent Heat Gain (BTUH):	2467	Total Cooling CFM:	778

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Heat Load Detail Report for Albert Adamczak

Room 5 of 5

Room Specifications: Bedroom

Room Length (Ft.) :	15	Sq. Ft windows facing NE & NW:	12	Watts Incandescent Light:	200
Room Width (Ft.) :	18	Sq. Ft windows facing South:	--	Watts Flourescent Light:	--
Room Height (Ft.) :	12	Sq. Ft windows facing SE & SW:	24	Duct Length from A/H to room:	20
Exposed Wall Length (Ft.) :	33	Number of Exterior Doors:	--	Number of Large Electric Motors:	--
Wall against unconditioned room (Ft.) :	--	Sq. Ft. Exterior Doors:	--	Average Electric Motor Horsepower:	--
Sq. Ft windows facing North:	--	Number of People in Room:	2	BTUH Appliance Sensible Heat:	--
Sq. Ft windows facing E & W:	--			BTUH Appliance Latent Heat:	--

Indoor/Outdoor Design Temperatures (degrees Farenheit)

Summer:		Winter:	
Inside (Thermostat setting) :	74	Inside (Thermostat setting) :	72
Outside (Above ground):	97	Outside (Above ground :	20
Outside (Below ground):	65	Outside (Below ground) :	60
Unconditioned Space :	97	Unconditioned Space :	65
Above Ceiling (Attic/Crawl Space) :	130	Above Ceiling (Attic/Crawl Space) :	45
Concrete Slab (Ground temperature) :	80	Concrete Slab (Ground temperature) :	55
Unconditioned Basement :	60	Unconditioned Basement :	55
Below Floor Crawl Space :	85	Below Floor Crawl Space :	50

Applicable Temperatures: Above Ceiling: Attic or Crawl Space Below Floor: Concrete Slab Exposed Walls: Above Ground

Design Conditions

Occupant Sensible Load (BTUH per person) :	250
Occupant Latent Load (BTUH per person) :	200
Duct Insulation Factor :	1
Duct Temperature Difference (Summer) :	20
Duct Temperature Difference (Winter) :	45
Humidity Difference Inside/Outside % (Summer) :	20
Humidity Difference Inside/Outside %(Winter) :	15
Fresh Air Per Person (CFM) :	2
Air Change Factor (Air change per hour) :	.5
Space Shading Factor :	.4
Air Handler Design Cooling (CFM per ton) :	400
Hydronic Heat (BTUH per linear ft :	600

Insulation Values (U-Factors)

Exposed Walls (Above Ground) :	.080
Exposed Walls (Below Ground) :	.5
Partitions :	.075
Roof/Ceiling :	.055
Floor (Above basement) :	.083
Floor (Concrete slab) :	.001
Floor (Between conditioned spaces) :	.287
Doors :	.500
Windows :	.900

Calculated Room Results - Summer Heat Gains

Wall Heat Gain (BTUH) :	729	Appliance/Elec Motor Latent Heat Gain (BTUH) :	400
Ceiling or Roof Heat Gain (BTUH) :	832	Appliance/Elec Motor Sensible Heat Gain (BTUH) :	1182
Floor Heat Gain (BTUH) :	2	Ventilation Latent Heat Gain (BTUH) :	363
Glass Heat Gain (BTUH) :	679	Ventilation Sensible Gain (BTUH) :	672
Exterior Door & North Window Heat Gain (BTUH) :	0	Summer Total Latent Heat Gain:	763
Solar Heat Gain (BTUH) :	1536	Summer Total Sensible Heat Gain (BTUH) :	5709
Total Transmission Heat Gain (BTUH) :	3777	**TOTAL SUMMER COOLING LOAD (BTUH) :**	**6471**

Calculated Room Results - Winter Heat Losses

Transmission Heat Losses (BTUH) :	3763	Latent Ventilation Heat Losses (BTUH) :	272
Sensible Ventilation Heat Losses (BTUH) :	1519	Hydronic Heat(Linear Ft.) :	9
		TOTAL WINTER HEATING LOAD (BTUH) :	**5554**

Calculated Totals for Entire Structure

Size of Structure (Sq. Ft.):	1004	Total Sensible Heat Gain (BTUH):	20851
Total Heat Loss (BTUH):	17119	Total Cooling Gain (BTUH):	23317
Total Hydronic Heat (Linear Ft.):	28.53	Total Cooling Requirement (Tons):	1.94
Total Latent Heat Gain (BTUH):	2467	Total Cooling CFM:	778

TRANE®

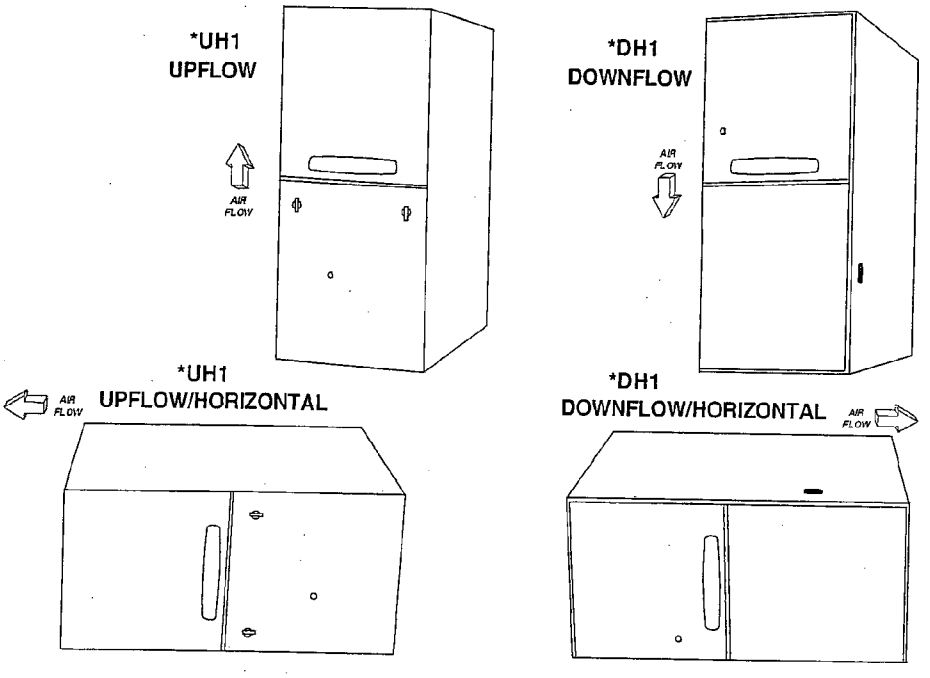
Upflow/ Horizontal
Downflow/Horizontal
Condensing, Direct Vent
Gas-Fired Furnace

XR 95

TUH1B040A9241A, TUH1B060A9361A,
TUH1B080A9421A, TUH1C080A9601A,
TUH1C100A9481A, TUH1D100A9601A,
TUH1D120A9601A, TDH1B040A9241A,
TDH1B065A9421A, TDH1C085A9481A,
TDH1D110A9601A

ENERGY STAR

Single-Stage Fan Assisted Combustion System



PUB. NO. 22-1836-05

TRANE

Contents

TRANE

General Data

Product Specifications ①

MODEL	TUH1B040A9241A	TUH1B060A9361A	TUH1B080A9421A
TYPE	Upflow / Horizontal	Upflow / Horizontal	Upflow / Horizontal
RATINGS ②			
Input BTUH	40,000	60,000	80,000
Capacity BTUH (ICS) ③	38,000	57,000	76,000
AFUE (ICS)	95.0	95.0	95.0
Temp. rise (Min.-Max.) °F.	30 - 60	30 - 60	35 - 65
BLOWER DRIVE	DIRECT	DIRECT	DIRECT
Diameter - Width (In.)	9 x 7	10 x 7	11 x 8
No. Used	1	1	1
Speeds (No.)	4	4	4
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
Motor HP	1/5	1/3	1/2
R.P.M.	1075	1075	1075
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60
COMBUSTION FAN - Type	Centrifugal	Centrifugal	Centrifugal
Drive - No. Speeds	Direct - 1	Direct - 1	Direct - 1
Motor HP - RPM	1/55 - 3000	1/55 - 3450	1/24 - 3450
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60
FLA	1.0	1.75	0.71
FILTER — Furnished?	No	No	No
Type Recommended	High Velocity	High Velocity	High Velocity
Hi Vel. (No.-Size-Thk.)	1 - 17x25 - 1in.	1 - 17x25 - 1in.	1 - 17x25 - 1in.
VENT PIPE DIAMETER — Min (In.) ⑤⑥	2 Round	2 Round	2 Round
HEAT EXCHANGER			
Type-Fired	Aluminized Steel - Type I	Aluminized Steel - Type I	Aluminized Steel - Type I
-Unfired			
Gauge (Fired)	20	20	20
ORIFICES — Main			
Nat. Gas. Qty. — Drill Size	2 — 45	3 — 45	4 — 45
L.P. Gas Qty. — Drill Size	2 — 56	3 — 56	4 — 56
GAS VALVE	Redundant - Single Stage	Redundant - Single Stage	Redundant - Single Stage
PILOT SAFETY DEVICE			
Type	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition
BURNERS — Type	Multiport Inshot	Multiport Inshot	Multiport Inshot
Number	2	3	4
POWER CONN. — V / Ph / Hz ④	115/1/60	115/1/60	115/1/60
Ampacity (In Amps)	5.2	9.2	10.2
Max. Overcurrent Protection (Amps)	15	15	15
PIPE CONN. SIZE (IN.)	1/2	1/2	1/2
DIMENSIONS	H x W x D	H x W x D	H x W x D
Crated (In.)	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 19-1/2 x 30-1/2
WEIGHT			
Shipping (Lbs.) / Net (Lbs)	139 / 129	150 / 140	158 / 148

Notes

① Central Furnace heating designs are certified to ANSI Z21.47 / CSA 2.3

② For U.S. applications, above input ratings (BTUH) are up to 2,000 feet, derate 4% per 1,000 feet for elevations above 2,000 feet above sea level. For Canadian applications, above input ratings (BTUH) are up to 4,500 feet, derate 4% per 1,000 feet for elevations above 4,500 feet above sea level.

③ Based on U.S. government standard tests.

④ The above wiring specifications are in accordance with National Electrical Code; however, installations must comply with local codes.

⑤ Refer to the Vent Length Table in the Installer's Guide or the Allowable Vent Length label located on the furnace.

⑥ All *UH1 and *DH1 furnace models have a vent outlet diameter that equals 2".

General Data

Product Specifications ①

MODEL	TDH1B040A9241A	TDH1B065A9421A	TDH1C085A9481A	TDH1D110A9601A
TYPE	Downflow / Horizontal	Downflow / Horizontal	Downflow / Horizontal	Downflow / Horizontal
RATINGS ②				
Input BTUH	40,000	60,000	80,000	110,000
Capacity BTUH (ICS) ③	38,000	57,000	76,000	104,500
AFUE (ICS)	95.0	95.0	95.0	95.0
Temp. rise (Min.-Max.) °F.	30 - 60	25 - 55	30 - 60	35 - 65
BLOWER DRIVE	DIRECT	DIRECT	DIRECT	DIRECT
Diameter - Width (In.)	10 x 7	11 x 8	11 x 10	11 x 10
No. Used	1	1	1	1
Speeds (No.)	4	4	4	4
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
Motor HP	1/5	1/2	1/2	3/4
R.P.M.	1080	1075	1075	1100
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60	115/1/60
COMBUSTION FAN - Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Drive - No. Speeds	Direct - 1	Direct - 1	Direct - 1	Direct - 1
Motor HP - RPM	1/55 - 3000	1/25 - 3200	1/20 - 3450	1/20 - 3450
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60	115/1/60
FLA	1.14	1.35	0.71	0.71
FILTER — Furnished?	No	No	No	No
Type Recommended	High Velocity	High Velocity	High Velocity	High Velocity
Hi Vel. (No.-Size-Thk.)	2 - 14x20 - 1in.	2 - 14x20 - 1in.	2 - 16x20 - 1in.	2 - 16x20 - 1in.
VENT PIPE DIAMETER — Min (In.) ⑤⑥	2 Round	2 Round	2.5 Round	2.5 Round
HEAT EXCHANGER				
Type-Fired -Unfired	Aluminized Steel - Type I	Aluminized Steel - Type I	Aluminized Steel - Type I	Aluminized Steel - Type I
Gauge (Fired)	20	20	20	20
ORIFICES — Main				
Nat. Gas. Qty. — Drill Size	2 — 45	4 — 48	5 — 48	6 — 48
LP. Gas Qty. — Drill Size	2 — 56	4 — 56	5 — 56	6 — 56
GAS VALVE	Redundant - Single Stage	Redundant - Single Stage	Redundant - Single Stage	Redundant - Single Stage
PILOT SAFETY DEVICE				
Type	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition
BURNERS — Type	Multiport Inshot	Multiport Inshot	Multiport Inshot	Multiport Inshot
Number	2	4	5	6
POWER CONN. — V / Ph / Hz ④	115/1/60	115/1/60	115/1/60	115/1/60
Ampacity (In Amps)	4.8	11.4	12.5	12.9
Max. Overcurrent Protection (Amps)	15	15	20	20
PIPE CONN. SIZE (IN.)	1/2	1/2	1/2	1/2
DIMENSIONS	H x W x D	H x W x D	H x W x D	H x W x D
Crated (In.)	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 23 x 30-1/2	41-3/4 x 26-1/2 x 30-1/2
WEIGHT				
Shipping (Lbs.) / Net (Lbs)	145 / 135	158 / 148	171 / 160	205 / 193

Notes

① Central Furnace heating designs are certified to ANSI Z21.47 / CSA 2.3

② For U.S. applications, above input ratings (BTUH) are up to 2,000 feet, derate 4% per 1,000 feet for elevations above 2,000 feet above sea level. For Canadian applications, above input ratings (BTUH) are up to 4,500 feet, derate 4% per 1,000 feet for elevations above 4,500 feet above sea level.

③ Based on U.S. government standard tests.

④ The above wiring specifications are in accordance with National Electrical Code; however, installations must comply with local codes.

⑤ Refer to the Vent Length Table in the Installer's Guide or the Allowable Vent Length label located on the furnace.

⑥ All *UH1 and *DH1 furnace models have a vent outlet diameter that equals 2".

Performance Data

FURNACE AIRFLOW (CFM) VS. EXTERNAL STATIC PRESSURE (in. w.c.)										
MODEL	SPEED TAP	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
*DH1B040A9241A	4 - HIGH - Black	998	965	922	870	807	735	653	561	459
	3 - MED.-HIGH - Blue	856	832	797	751	695	628	550	462	363
	2 - MED.-LOW - Yellow	753	728	694	650	596	533	460	378	286
	1 - LOW - Red	647	617	581	538	490	435	375	308	235
*DH1B065A9421A	4 - HIGH - Black	1501	1453	1402	1344	1283	1216	1145	1068	986
	3 - MED.-HIGH - Blue	1442	1393	1341	1285	1227	1166	1103	1037	968
	2 - MED.-LOW - Yellow	1346	1308	1263	1212	1155	1092	1024	950	869
	1 - LOW - Red	1225	1197	1160	1116	1062	1001	931	853	766
*DH1C085A9481A	4 - HIGH - Black	1835	1772	1709	1637	1566	1485	1405	1313	1222
	3 - MED.-HIGH - Blue	1726	1674	1622	1557	1492	1416	1340	1252	1164
	2 - MED.-LOW - Yellow	1581	1539	1498	1440	1383	1321	1258	1172	1085
	1 - LOW - Red	1401	1374	1346	1308	1269	1209	1148	1075	1001
*DH1D110A9601A	4 - HIGH - Black	2147	2074	2000	1941	1881	1807	1732	1655	1576
	3 - MED.-HIGH - Blue	1995	1940	1885	1827	1767	1699	1631	1547	1462
	2 - MED.-LOW - Yellow	1712	1681	1649	1602	1555	1505	1455	1381	1307
	1 - LOW - Red	1424	1408	1392	1367	1341	1296	1251	1188	1124
*= First letter may be "A" or "T"										

CFM VS. TEMPERATURE RISE																			
MODEL	Cubic Feet Per Minute (CFM)																		
	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
*DH1B040A9241A	59	50	44	39	35														
*DH1B065A9421A		75	66	59	53	48	44	41	38	35									
*DH1C085A9481A					70	64	59	54	50	47	44	41	39	37					
*DH1D110A9601A						88	81	74	69	65	60	57	54	51	48	46			
*= First letter may be "A" or "T"																			

Electrical Data

TUH1 Schematic

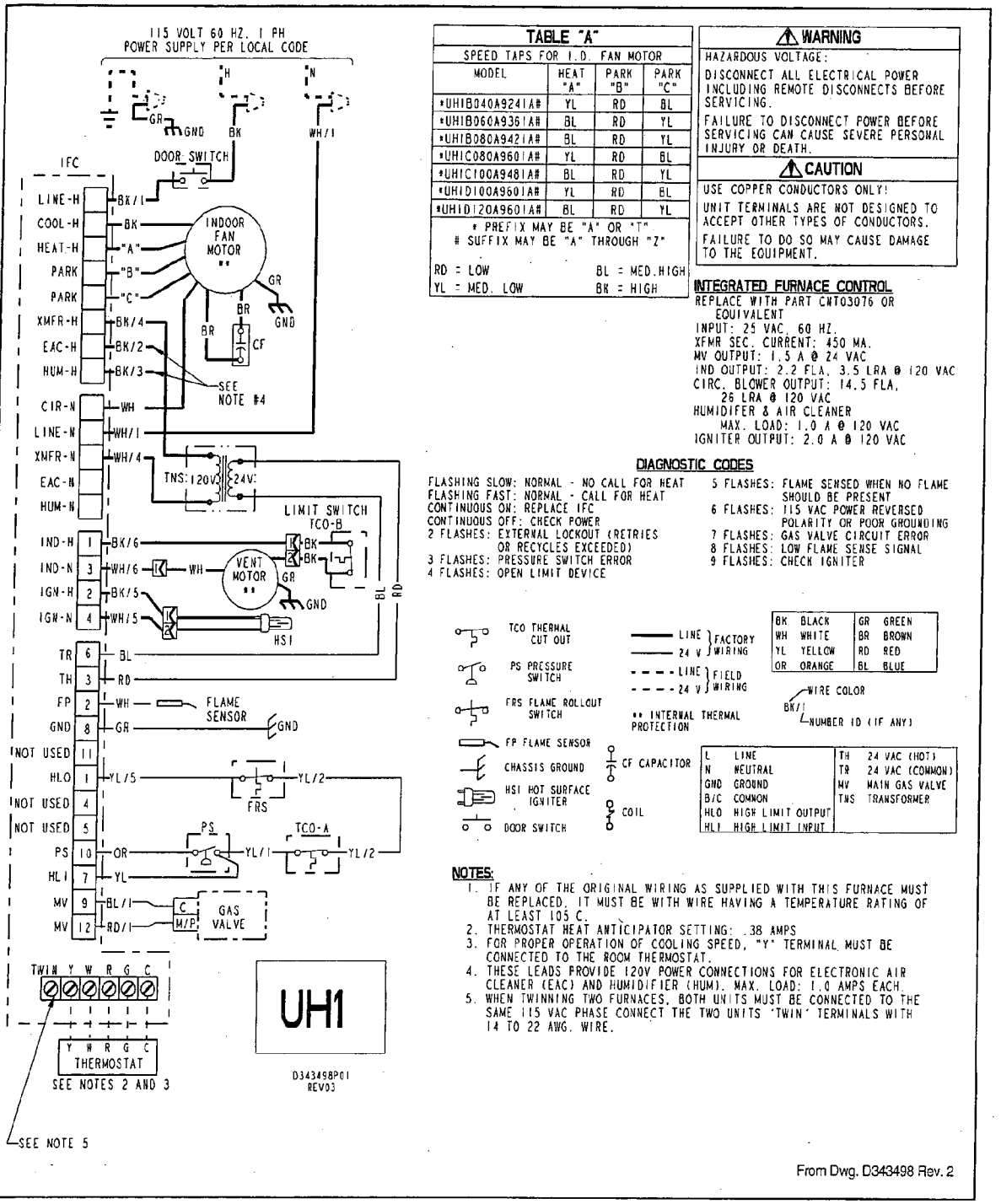


TABLE "A"			
SPEED TAPS FOR I.D. FAN MOTOR			
MODEL	HEAT "A"	PARK "B"	PARK "C"
*UH1B040A9241A#	YL	RD	BL
*UH1B060A9361A#	BL	RD	YL
*UH1B080A9421A#	BL	RD	YL
*UH1C080A9601A#	YL	RD	BL
*UH1C100A9481A#	BL	RD	YL
*UH1D100A9601A#	YL	RD	BL
*UH1D120A9601A#	BL	RD	YL

* PREFIX MAY BE "A" OR "T"
# SUFFIX MAY BE "A" THROUGH "Z"

RD = LOW BL = MED.HIGH
YL = MED. LOW BK = HIGH

⚠ WARNING

HAZARDOUS VOLTAGE:
DISCONNECT ALL ELECTRICAL POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

⚠ CAUTION

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

INTEGRATED FURNACE CONTROL

REPLACE WITH PART CNT03076 OR EQUIVALENT
INPUT: 25 VAC, 60 HZ.
XFMR SEC. CURRENT: 450 MA.
MV OUTPUT: 1.5 A @ 24 VAC
IND OUTPUT: 2.2 FLA, 3.5 LRA @ 120 VAC
CIRC. BLOWER OUTPUT: 14.5 FLA, 26 LRA @ 120 VAC
HUMIDIFER & AIR CLEANER MAX. LOAD: 1.0 A @ 120 VAC
IGNITER OUTPUT: 2.0 A @ 120 VAC

DIAGNOSTIC CODES

FLASHING SLOW: NORMAL - NO CALL FOR HEAT
FLASHING FAST: NORMAL - CALL FOR HEAT
CONTINUOUS ON: REPLACE IFC
CONTINUOUS OFF: CHECK POWER
2 FLASHES: EXTERNAL LOCKOUT (RETRIES OR RECYCLES EXCEEDED)
3 FLASHES: PRESSURE SWITCH ERROR
4 FLASHES: OPEN LIMIT DEVICE
5 FLASHES: FLAME SENSED WHEN NO FLAME SHOULD BE PRESENT
6 FLASHES: 115 VAC POWER REVERSED POLARITY OR POOR GROUNDING
7 FLASHES: GAS VALVE CIRCUIT ERROR
8 FLASHES: LOW FLAME SENSE SIGNAL
9 FLASHES: CHECK IGNITER

TCO THERMAL CUT OUT
PS PRESSURE SWITCH
FRS FLAME ROLLOUT SWITCH
FP FLAME SENSOR
CHASSIS GROUND
HSI HOT SURFACE IGNITER
DOOR SWITCH
CF CAPACITOR
COIL
LINE / 24 V } FACTORY WIRING
LINE / 24 V } FIELD WIRING
** INTERNAL THERMAL PROTECTION

BK	BLACK	GR	GREEN
WH	WHITE	BR	BROWN
YL	YELLOW	RD	RED
OR	ORANGE	BL	BLUE

BK/1 — WIRE COLOR, NUMBER ID (IF ANY)

L	LINE	TH	24 VAC (HOT)
N	NEUTRAL	TR	24 VAC (COMMON)
GND	GROUND	MV	MAIN GAS VALVE
B/C	COMMON	TNS	TRANSFORMER
HLO	HIGH LIMIT OUTPUT		
HLI	HIGH LIMIT INPUT		

NOTES:

1. IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THIS FURNACE MUST BE REPLACED, IT MUST BE WITH WIRE HAVING A TEMPERATURE RATING OF AT LEAST 105 C.
2. THERMOSTAT HEAT ANTICIPATOR SETTING: .38 AMPS
3. FOR PROPER OPERATION OF COOLING SPEED, "Y" TERMINAL MUST BE CONNECTED TO THE ROOM THERMOSTAT.
4. THESE LEADS PROVIDE 120V POWER CONNECTIONS FOR ELECTRONIC AIR CLEANER (EAC) AND HUMIDIFIER (HUM). MAX. LOAD: 1.0 AMPS EACH.
5. WHEN TWINNING TWO FURNACES, BOTH UNITS MUST BE CONNECTED TO THE SAME 115 VAC PHASE CONNECT THE TWO UNITS 'TWIN' TERMINALS WITH 14 TO 22 AWG. WIRE.

From Dwg. D343498 Rev. 2

Electrical Data

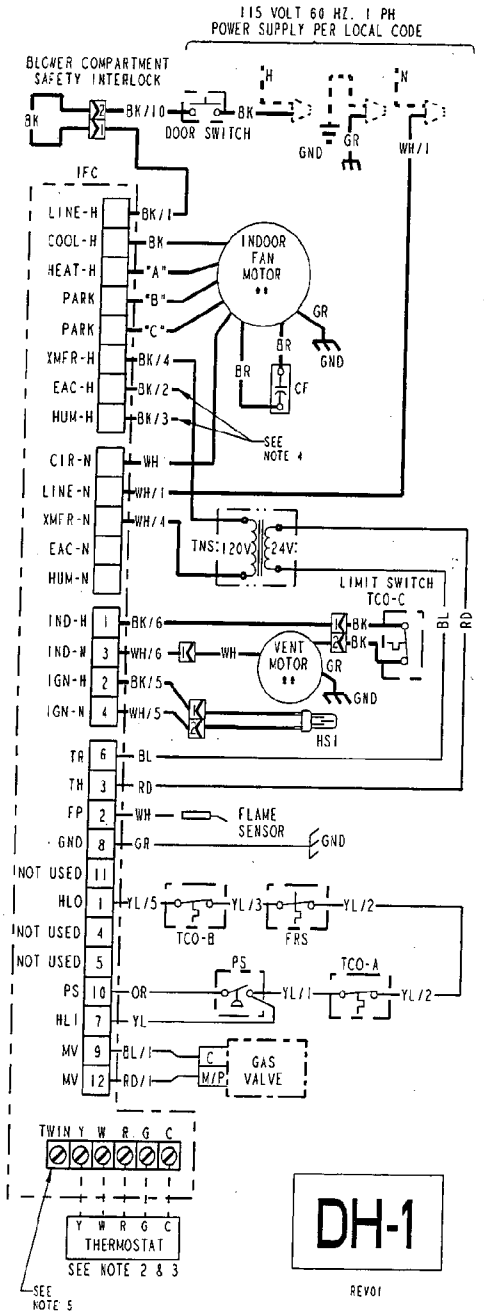


TABLE "A"			
SPEED TAPS FOR I.D. FAN MOTOR			
MODEL	HEAT "A"	PARK "B"	PARK "C"
*DH1B040A924 1A#	YL	RD	BL
*DH1B065A942 1A#	BL	RD	YL
*DH1C085A948 1A#	BL	RD	YL
*DH1D110A960 1A#	BL	RD	YL

RD = LOW. BL = MED.HIGH
YL = MED. LOW BK = HIGH

* - MAY BE PREFIX "A" OR "T"
# - MAY BE SUFFIX "A" THROUGH "Z"

⚠ WARNING

HAZARDOUS VOLTAGE:

DISCONNECT ALL ELECTRICAL POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.

FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

⚠ CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

INTEGRATED FURNACE CONTROL

REPLACE WITH PART CNT05995 OR EQUIVALENT
INPUT: 25 VAC, 60 HZ.
XFMR SEC. CURRENT: 450 MA.
MV OUTPUT: 1.5 A @ 24 VAC
IND OUTPUT: 2.2 FLA, 3.5 LRA @ 120 VAC
CIRC. BLOWER OUTPUT: 14.5 FLA, 26.0 LRA @ 120 VAC
HUMIDIFIER & AIR CLEANER MAX. LOAD: 1.0 A @ 120 VAC
IGNITER OUTPUT: 6.0 A @ 120 VAC

DIAGNOSTIC CODES

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FLASHING FAST: NORMAL - CALL FOR HEAT
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7 FLASHES: GAS VALVE CIRCUIT ERROR
8 FLASHES: LOW FLAME SENSE SIGNAL
9 FLASHES: CHECK IGNITER

TCO THERMAL CUT OUT
PS PRESSURE SWITCH
FRS FLAME ROLLOUT SWITCH
FP FLAME SENSOR
CHASSIS GROUND
HSI HOT SURFACE IGNITER
DOOR SWITCH
CF CAPACITOR
COIL

LINE, 24 V } FACTORY WIRING
LINE, 24 V } FIELD WIRING

** INTERNAL THERMAL PROTECTION

BK	BLACK	GR	GREEN
WH	WHITE	BR	BROWN
YL	YELLOW	RD	RED
OR	ORANGE	BL	BLUE

WIRE COLOR
BK/1
NUMBER ID (IF ANY)

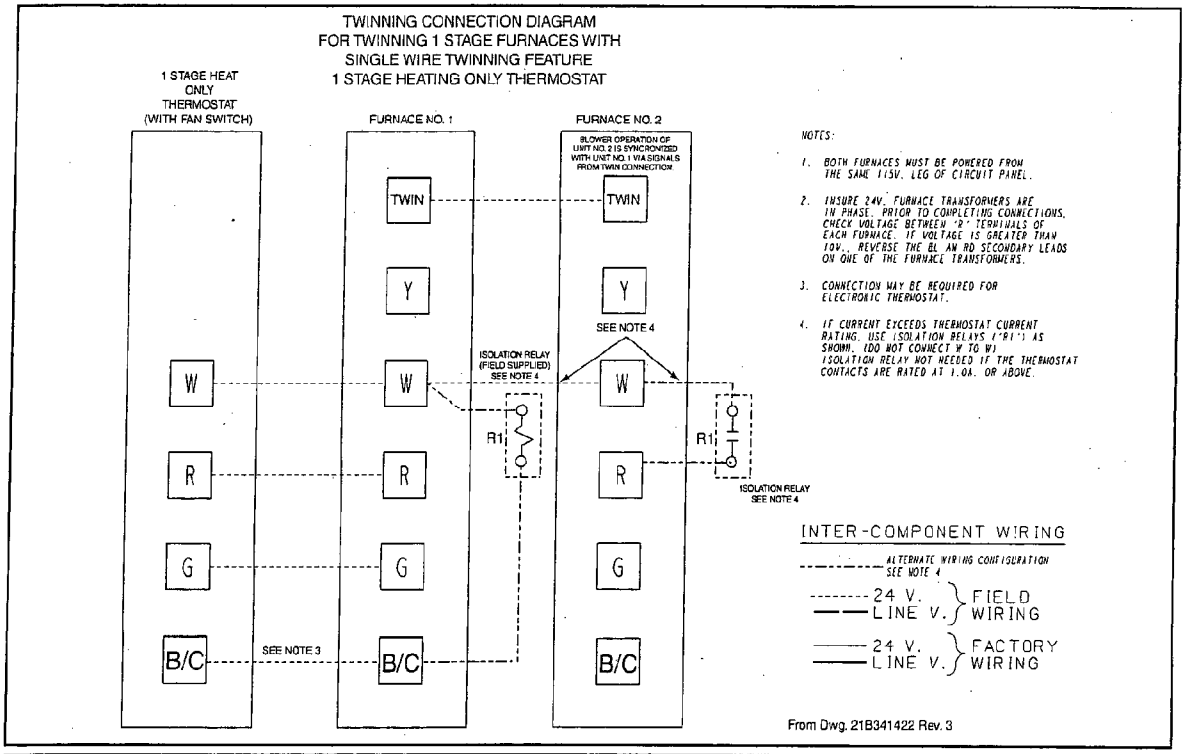
L	LINE	TH	24 VAC (HOT)
N	NEUTRAL	TR	24 VAC (COMMON)
GND	GROUND	MV	MAIN GAS VALVE
B/C	COMMON	TNS	TRANSFORMER
HLO	HIGH LIMIT OUTPUT		
HLI	HIGH LIMIT INPUT		

NOTES:

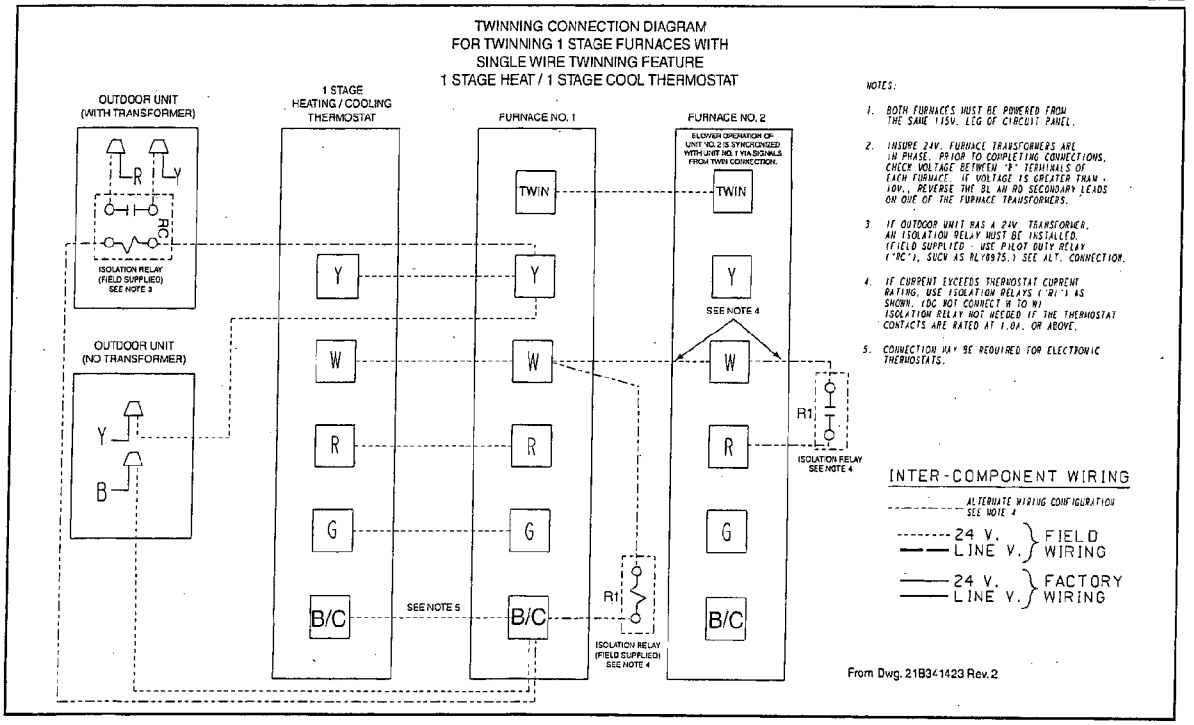
1. IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THIS FURNACE MUST BE REPLACED, IT MUST BE WITH WIRE HAVING A TEMPERATURE RATING OF AT LEAST 105 C.
2. THERMOSTAT HEAT ANTICIPATOR SETTING: .38 AMPS
3. FOR PROPER OPERATION OF COOLING SPEED, "Y" TERMINAL MUST BE CONNECTED TO THE ROOM THERMOSTAT.
4. THESE LEADS PROVIDE 120V POWER CONNECTIONS FOR ELECTRONIC AIR CLEANER (EAC) AND HUMIDIFIER (HUM). MAX. LOAD: 1.0 AMPS EACH.
5. WHEN TWINNING TWO FURNACES, BOTH UNITS MUST BE CONNECTED TO THE SAME 115 VAC PHASE CONNECT THE TWO UNITS 'TWIN' TERMINALS WITH 14 TO 22 AWG. WIRE.

From Dwg. D343814P01 Rev.0

Twinning Field Wiring



From Dwg. 21B341422 Rev. 3

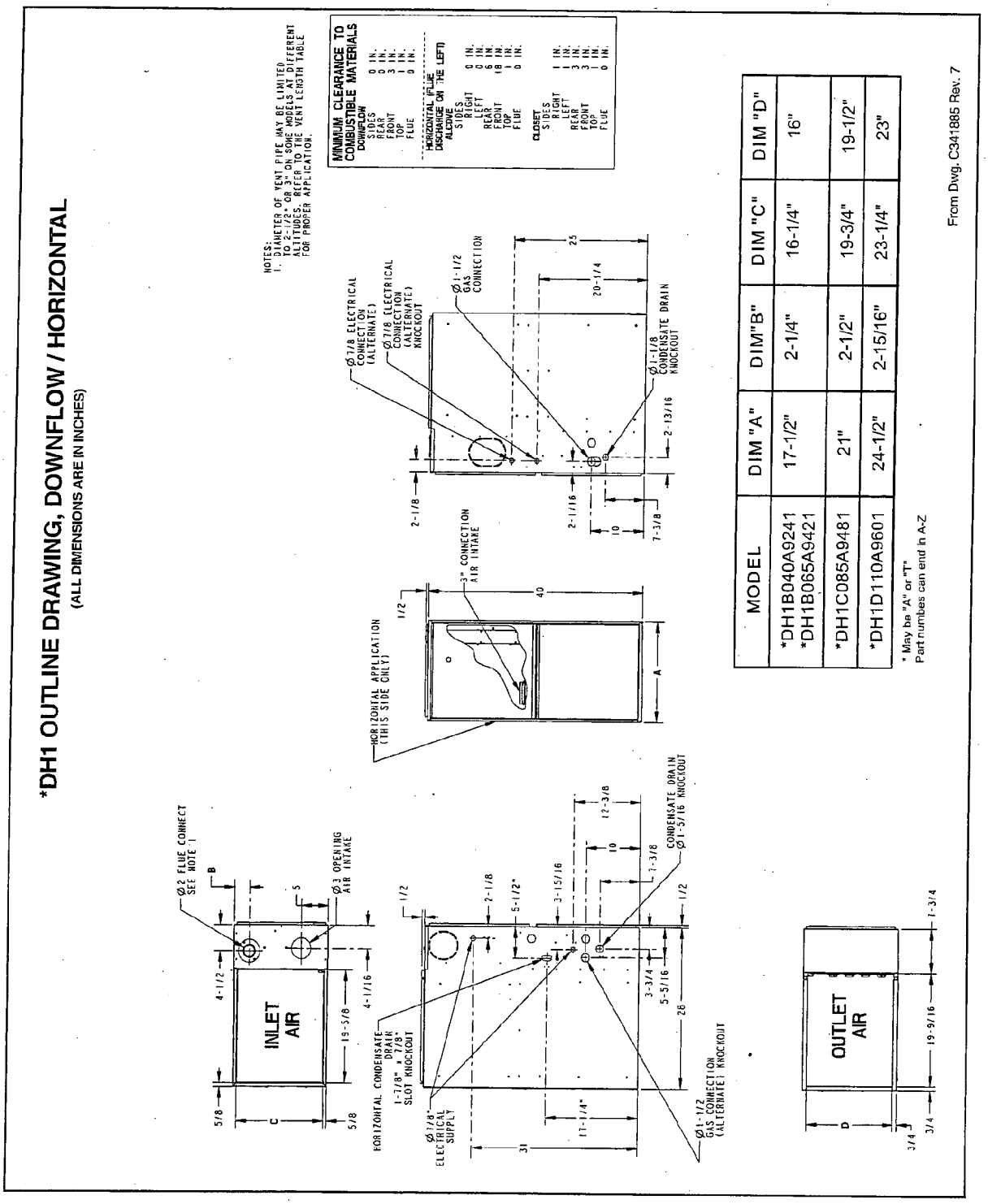


From Dwg. 21B341423 Rev. 2

Dimensions

*DH1 OUTLINE DRAWING, DOWNFLOW / HORIZONTAL

(ALL DIMENSIONS ARE IN INCHES)



MODEL	DIM "A"	DIM"B"	DIM "C"	DIM "D"
*DH1B040A9241 *DH1B065A9421	17-1/2"	2-1/4"	16-1/4"	16"
*DH1C085A9481	21"	2-1/2"	19-3/4"	19-1/2"
*DH1D110A9601	24-1/2"	2-15/16"	23-1/4"	23"

* May be "A" or "T"
Part numbers can end in A-Z

From Dwg. C341885 Rev. 7

NOT AN
ELECTRICIAN'S
OR PLUMBER'S
LICENSE

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

THIS IS TO CERTIFY THAT THE
Division of Consumer Affairs

HAS REGISTERED

NJR Home Services
Glenn Lockwood
1415 Wyckoff Road
Wall NJ 07719

FOR PRACTICE IN NEW JERSEY AS A(N): Home Improvement Contractor

10/25/2010 TO 12/31/2011
VALID

13VH00361500
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

ACTING DIRECTOR