

UCC
NEW JERSEY
UNIFORM CONSTRUCTION
CODE

U.C.C. F100-1 (rev. 3/96)

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 _____ 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. 5:32-2.15(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 EXTREME AIR HTG & CLG LLC

Address 215 AIDWHEAD PARK DR
BRICK NJ 08724

Telephone (732) 803-6081

Signature [Signature]

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



PERMIT UPDATE

Date Update Issued 03/06/2007
Control # C-07-000795
Permit # 03-4706+A

IDENTIFICATION Block: 827 Lot: 27 Qualifier
Work Site Location: 1629 ROUTE 88 EAST ELECTRIC TO GAS, NJ Contractor EXTREME AIR HTG & CLG LLC
Address 1121 E INDUSTRIAL PARKWAY BRICK NJ
Owner in Fee SCHMIDT, ERICH
Address SAME BRICK NJ 08724- Telephone: 732/803-6087
Telephone: [REDACTED] Lic. No. or Bldrs. Reg. No.
Federal Employee No. 14-8723201

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:

REINSTATE EXPIRED PERMIT

Note: If construction does not commence within one (1) year of date of issuance, or it construction ceases for a period of six (6) months, this permit is void.
Estimated Cost of Work \$0

Construction Official

Date

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

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$40
Plumbing	\$40
Fire Protection	\$45
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$0
CO Fee	
Other	\$0
Total	\$125
Check No.	
Cash	\$125
Credit	\$0
Collected By	Stephanie Capozzi

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.

TOWNSHIP OF BRICK
401' CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/13/03
Control # C29-77
Permit # 03-4706

2/13/07 Violation

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

D. TECHNICAL SITE DATA (List all fixtures.)

Block 827 Lot 27 Qual
Work Site Location 1629 ROUTE 88 EAST
ELECTRIC TO GAS

NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Owner in Fee SCHMIDT, ERICH
Address SAME
BRICK, NJ 08724-

Tele. [REDACTED]
Contractor [REDACTED] AIR HTG & COOLING LLC
Address 133 SAMMILL RD
BRICK, NJ 08724-

Tele. (332)803-5992
Lic. No. of Bldgs. Reg. No.
Federal Emp. No. 55-0796374

Use Group Present
Building Sewer Size
Water Sewer Size
Estimated Cost of Plumbing Work \$ 325

B. PLUMBING CHARACTERISTICS
Proposed R-5
[] Public Sewer [] Private Septic
[] Public Water [] Private Well

JOB SUMMARY (Office Use Only)
PLAN REVIEW

[] No Plans Required
Joint Plan Review Required:

[] Bldg [] Elect
[] Fire [] Elevator
[] Plumb. Plans Approved

Date: 10-9-03

Approved By: [Signature]
SUBCODE APPROVAL

[] CO [] CCO [] [Signature]
Approved By: [Signature]
Date: 12-15-03

INSPECTIONS
Type Failure Failure Approval Initial

Slab
Rough
Water
Sewer

Fixtures
Gas Equip.
Gas Piping

Solar
TGO
9/16

12/15/03
12/15/03

Paid [] Check #
Collected by:

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

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.

Signature/Contractor Seal
[] Licensed Plumbing Contractor [] Exempt Applicant

DIVISION OF INVESTIGATION
101 CHAMBERS BRIDGE RD
TOWNSHIP OF ELICK

TECHNICAL SECTION
SERIAL #
BLIND NO
NO NEW JERSEY

10/22/07

BLIND #
CONTROL # CSO-24
DATE ISSUED 10/22/07
DATE RECEIVED 08/22/2007

0 - No Test on CSO



ELECTRICAL SUBCODE TECHNICAL SECTION



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

Block 82 Lot 2.7 Qualification Code 1/29 87 82 82 82

Work Site Location 1/29 87 82 82 82

Owner in Fee 1/29 87 82 82 82

Address 1/29 87 82 82 82

Tel 1/29 87 82 82 82

Contractor 1/29 87 82 82 82

Address 1/29 87 82 82 82

Tel 1/29 87 82 82 82

Contractor License No. 1/29 87 82 82 82

Federal Emp. No. 1/29 87 82 82 82

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

☐ Pole/Pad # 1/29 87 82 82 82

Building Occupied as 1/29 87 82 82 82

Est. Cost of Elec. Work \$ 1/29 87 82 82 82

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)
☐ No Plans Required			Type:	Failure
☐ Joint Plan Review Required:			Rough	Approval
☐ Building ☐ Plumbing			Barrier-Free	Initial
☐ Fire ☐ Elevator			Trench	
☐ Elec. Plans Approved			Temp. Serv.	
			Constr. Serv.	
Date:			TCO	
Approved by:			Other	
			Service	
			Final	
			Barrier-Free	
SUBCODE APPROVAL			Temp. Cut-in-Card Date Issued	
☐ CO ☐ CCO ☐ CA			Final Cut-in-Card Date Issued	
Date:			Annual Pool Inspection	
Approved by:			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's Signature/Contractor's Seal and Signature

☐ Licensed Elec. Contractor ☐ Certif'd Landscape Irrigation Contr' ☐ Exempt Applicant

D. TECHNICAL SITE DATA

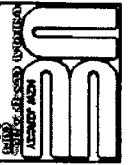
QTY	SIZE	ITEMS
		Lighting Fixtures
		Receptacles
		Switches
		Detectors
		Light Poles
		Motors—Fract. HP
		Emergency & Exit Lights
		Communications Points
		Alarm Devices/F.A.C. Panel

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	

FEE (Office Use Only)

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



ELECTRICAL SUBCODE TECHNICAL SECTION



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

Block Lot Qualification Code

Work Site Location

Owner in Fee
Address

Tel () FAX ()
Contractor
Address

Tel () FAX ()
Contractor License No.
Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed
☐ Pole/Pad # ☐ Temporary ☐ Other
Building Occupied as Utility Co.
Est. Cost of Elec. Work \$

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)	Initial
☐ No Plans Required			Type:	Failure	Approval
Joint Plan Review Required:			Rough		
☐ Building ☐ Plumbing			Barrier-Free		
☐ Fire ☐ Elevator			Trench		
☐ Elec. Plans Approved			Temp. Serv.		
Date: <u> </u>			Constr. Serv.		
Approved by: <u> </u>			TCO		
			Other		
			Service		
			Final		
			Barrier-Free		
SUBCODE APPROVAL			Temp. Cut-in-Card Date Issued		
☐ CO ☐ CCO ☐ CA			Final Cut-in-Card Date Issued		
Date: <u> </u>			Annual Pool Inspection		
Approved by: <u> </u>			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's Signature/Contractor's Seal and Signature
☐ Licensed Elec. Contractor ☐ Certifd Landscape Irrigation Contr ☐ Exempt Applicant

D. TECHNICAL SITE DATA

QTY.	SIZE	ITEMS
		Lighting Fixtures
		Receptacles
		Switches
		Detectors
		Light Poles
		Motors—Fract. HP
		Emergency & Exit Lights
		Communications Points
		Alarm Devices/F.A.C. Panel

TOTAL NUMBERS

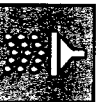
Pool Permit/with UW Lights	
Storable Pool/Spa/Hot Tub	
KW Elec. Range/Receptacle	
KW Oven/Surface Unit	
KW Elec. Water Heater	
KW Elec. Dryer/Receptacle	
KW Dishwasher	
HP Garbage Disposal	
KW Central A/C Unit	
HP/KW Space Heater/Air Handler	
KW Baseboard Heat	
HP Motors 1/4 HP	
KW Transformer/Generator	
AMP Service	
AMP Subpanels	
AMP Motor Control Center	
KW Elec. Sign/Outline Light	

FEE (Office Use Only)

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



PLUMBING SUBCODE TECHNICAL SECTION



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

Block 887 Lot 27 Qualification Code _____
Work Site Location 1629 ST. ROBERT

Owner in Fee LEIGH STEINBOIT
Address 5400 N. 10TH ST.

Tel (714) 211-0823 FAX (714) 276-2710
Contractor EXTREME PLUMBING, INC.
Address 11016 400th ST. N. #111

Contractor License No. 13VH03017400
Federal Emp. No. 25-0796374

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 \$ _____

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's Signature/Contractor's Seal and Signature
[] Licensed Plumbing Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA (List of all fixtures.)

NO. _____
FUTURE/EQUIPMENT
Water Closet _____
Urinal/Bidet _____
Bath Tub _____
Lavatory _____
Shower _____
Floor Drain _____
Sink _____
Dishwasher _____
Drinking Fountain _____
Washing Machine _____
Hose Bibb _____
Water Heater _____
Fuel Oil Piping _____
Gas Piping _____
LP Gas Tank _____
Steam Boiler _____
Hot Water Boiler _____
Sewer Pump _____
Interceptor/Separator _____
Backflow Preventer _____
Grease Trap _____
Sewer Connection _____
Water Service Connection _____
Stacks _____
Other RESTRICTION

Date Received _____
Control # 21617
Date Issued 12-47-14
Permit # _____

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



PLUMBING SUBCODE TECHNICAL SECTION



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

Block 837 Lot 27 Qualification Code _____

Work Site Location 1609 E. R. HART

Owner in Fee L.T. SRHARDT

Address 5400

Tel [REDACTED]

Contractor EXTREMELY DIRT HILL, LLC

Address 1131 E. 100th STREET, 11311

Tel (732) 241-0444 FAX (732) 378-3718

Contractor License No. 13VH02612400

Federal Emp. No. 25-0296374

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 \$ _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW ☐ No Plans Required ☐ INSPECTIONS

Joint Plan Review Required: _____ Type: _____ Failure _____ Dates (Month/Day) _____ Approval _____ Initial _____

☐ Building ☐ Electric _____ Slab _____ Rough _____

☐ Fire ☐ Elevator _____ Water _____ Sewer _____

☐ Plumbing Plans Approved _____ Fixtures _____

Date: _____ Gas Equipment _____

Approved by: _____ Gas Piping _____

SUBCODE APPROVAL _____ LP Gas Tank _____

☐ CO ☐ CCO ☐ CA _____ Fuel Oil Piping _____

Date: _____ Solar _____

Approved by: _____ TCO _____

D. TECHNICAL SITE DATA (List of all fixtures.)

NO. _____

FIXTURE/EQUIPMENT

Water Closet _____

Urinal/Bidet _____

Bath Tub _____

Lavatory _____

Shower _____

Floor Drain _____

Sink _____

Dishwasher _____

Drinking Fountain _____

Washing Machine _____

Hose Bibb _____

Water Heater _____

Fuel Oil Piping _____

Gas Piping _____

LP Gas Tank _____

Steam Boiler _____

Hot Water Boiler _____

Sewer Pump _____

Interceptor/Separator _____

Backflow Preventer _____

Grease Trap _____

Sewer Connection _____

Water Service Connection _____

Stacks _____

Other EXTREMELY DIRT _____

Other _____

Date Received _____
Control # 216167
Date Issued 12-4-14
Permit # 13-47614

FEE (Office Use Only)
\$ _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

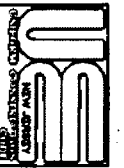
TOTAL FEE \$ _____

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's Signature/Contractor's Seal and Signature _____

☐ Licensed Plumbing Contractor ☐ Exempt Applicant



FIRE PROTECTION SUBCODE TECHNICAL SECTION

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

Block 827 Lot 27 Qualification Code RT-85 EHS2
Work Site Location 1629 RT-85 EHS2

Owner in Fee ELICH SCHNEIDER
Address 5441C

Tel (201) 719-2424 FAX (201) 276-2718
Contractor ELICH SCHNEIDER ATC & CEC, LLC
Address 1131 E. TOWNSHIP RD. 111 PISCATAWAY

Fire Protection Equipment, NJ Div of Fire Safety Permit No.
Fire Protection Equipment, NJ Div of Fire Safety Installer No.
Fire Alarm Contractor No. 55-0796374
Federal Emp. No.

B. FIRE PROTECTION CHARACTERISTICS
Use Group: Present Proposed Fire Alarm System: ☐ New or ☐ Existing
Constr. Class: Present Proposed Location of Panel:
Heating System: ☒ New or ☐ Existing ☐ HVAC Fire Suppression/Standpipe System:
Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar ☐ New or ☐ Existing
☐ Other Location of Main Control Valve:
Location: 1131C

Fuel Storage Tank:
Fuel Type: ☐ Flammable or ☐ Combustible Capacity
Total Cost of Fire Protection Work \$

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW	Type:	Failure	Approval	Initial	
☐ No Plans Required	Alarm System				
☐ Joint Plan Review Required:	Suppression Sys.				
☐ Building ☐ Plumbing	Standpipe				
☐ Electric ☐ Elevator	Fire Pump				
☐ Fire Plans Approved	Pre-Eng. System				
Date: <u> </u>	Mechanical				
Approved by: <u> </u>	Smoke Control				
SUBCODE APPROVAL	TCO				
☐ CO ☐ CCO ☐ CA	Flam/Combust Tanks				
Date: <u> </u>	Fireplace Venting				
Approved by: <u> </u>	Final				
	Other				



C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner/agent and am authorized to make this application.
Applicant's Signature/Contractor's Signature
☒ Certified Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Reinstall existing permit
Water Supply Source
Method of Alarm/Suppression System Supervision

Flammable/Combustible Tanks	NUMBER	FEE (Office Use Only)
Alarm Systems		
☐ System		
☐ 110v Interconnected		
☐ CO Detectors/110v		
Alarm Devices (i.e., smoke, heat, pulls, water/flow)		
Supervisory Devices (i.e., tamper, low/high air)		
Signaling Devices (i.e., horn/strobes, bells)		
Other Devices		
TOTAL		
Suppression Systems		
Fire Pump <u> </u> GPM Type <u> </u>		
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 <u> </u>		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fired Appliances ☐ Gas or ☐ Oil		
Fireplace Venting/Metal Chimney		
Other <u> </u>		

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



FIRE PROTECTION SUBCODE TECHNICAL SECTION

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

Block 827 Lot 827 Qualification Code 1629 RT-27 EHS2

Work Site Location 1629 RT-27 EHS2

Owner in Fee 1629 RT-27 EHS2
Address 1629 RT-27 EHS2
Tel (908) 344-3000 FAX (908) 344-3000
Contractor 1629 RT-27 EHS2
Address 1629 RT-27 EHS2

Fire Protection Equipment, NJ Div of Fire Safety Permit No. 1629 RT-27 EHS2
Fire Protection Equipment, NJ Div of Fire Safety Installer No. 1629 RT-27 EHS2
Fire Alarm Contractor No. 1629 RT-27 EHS2
Federal Emp. No. 1629 RT-27 EHS2

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present 1629 RT-27 EHS2 Proposed 1629 RT-27 EHS2 Fire Alarm System: ☐ New or ☐ Existing
Constr. Class: Present 1629 RT-27 EHS2 Proposed 1629 RT-27 EHS2 Location of Panel: 1629 RT-27 EHS2
Heating System: ☒ New or ☐ Existing ☐ HVAC Fire Suppression/Standpipe System:
Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar ☐ Other 1629 RT-27 EHS2 Location of Main Control Valve: 1629 RT-27 EHS2
Location: 1629 RT-27 EHS2

Fuel Storage Tank: 1629 RT-27 EHS2
Fuel Type: ☐ Flammable or ☐ Combustible Capacity 1629 RT-27 EHS2
Total Cost of Fire Protection Work \$ 1629 RT-27 EHS2

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Failure	Approval
☐ No Plans Required		Alarm System			Initial
Joint Plan Review Required:		Suppression Sys.			
☐ Building ☐ Plumbing		Standpipe			
☐ Electric ☐ Elevator		Fire Pump			
☐ Fire Plans Approved		Pre-Eng. System			
Date: <u>1629 RT-27 EHS2</u>		Mechanical			
Approved by: <u>1629 RT-27 EHS2</u>		Smoke Control			
SUBCODE APPROVAL		TCO			
☐ CO ☐ CCO ☐ CA		Flam/Combust Tanks			
Date: <u>1629 RT-27 EHS2</u>		Fireplace Venting			
Approved by: <u>1629 RT-27 EHS2</u>		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. 1629 RT-27 EHS2

Applicant's Signature/Contractor's Signature 1629 RT-27 EHS2
☐ Certified Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: 1629 RT-27 EHS2

Water Supply Source 1629 RT-27 EHS2

Method of Alarm/Suppression System Supervision 1629 RT-27 EHS2

	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 <u>1629 RT-27 EHS2</u> GPM Type <u>1629 RT-27 EHS2</u>		
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 <u>1629 RT-27 EHS2</u>		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fired Appliances ☐ Gas or ☐ Oil		
Fireplace Venting/Metal Chimney		
Other <u>1629 RT-27 EHS2</u>		
Administrative Surcharge \$		
Minimum Fee \$		
State Permit Surcharge Fee \$		
TOTAL FEE \$		

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
CONSTRUCTION
PERMITE

Date Issued 10/22/2003
Control #
Permit # 03-4706

IDENTIFICATION Block 027 Lot 27

Work Site Location 1629 ROUTE 88 EAST

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

BRICK, NJ 08724-

Telephone

Contractor CRAWFORD ELE
Address 449 HARMONY RD
JACKSON, NJ 08527-

Telephone (732) 928-4300

Lic. No. or Bldg. Reg. No. 11225

Federal Emp. No. 14-4626916

Is hereby granted permission to perform the following work:

☐ BUILDING

☒ PLUMBING

☐ LEAD HAZARD ABATEMENT

☒ ELECTRICAL

☒ FIRE PROTECTION

☐ DEMOLITION

☐ ELEVATOR DEVICES

☐ ASBESTOS ABATEMENT

☐ OTHER

(Subchapter 8 only)

DESCRIPTION OF WORK:

ELECTRIC TO GAS

CHANGE OF CONTRACTOR 10-15-03

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

Estimated Cost of Work \$ 1,025

Construction Official

10/22/2003

Date

U.C.C. F170 (rev. 3/96) NJ UCCARS 5.24E

PAYMENTS (Office Use Only)

Building	0
Electrical	53
Plumbing	60
Fire Protection	81
Elevator Devices	0
Other	0
DCA State Permit Fee	1
Cert. of Occupancy	0
Other	0
Total	195
Check No.	5602
Cash	
Collected By	JR

10/22/03 11:57AM 000000H4630

XXD6 SERV.006

#034706	\$53.00
ELECTRIC	\$60.00
PLUMBING	\$81.00
FIRE	\$1.00
DCA	
CHECK	\$195.00

NJ UCCARS 5.24E
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/22/03
Control # C29-77
Permit # 03-9706 JAT
FEE (Office Use Only)

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

Block 827 Lot 27 Qual

Work Site Location 1629 ROUTE 88 EAST - *Carport area North facade*

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

BRICK, NJ 08724-

Contractor EXTREME AIR HTG & COOLING LLC

Address 133 SAWMILL RD

BRICK, NJ 08724-

Tele. (732)803-5992

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 55-0796374

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed R-5

Constr Class Present Proposed

Heating Systems () New (X) Existing () HVAC

Type: (X) Gas () Oil () Elect () Solar

() Other

Location: 1ST FLOOR STAIRWELL CLOSE

Total Est Cost of Fire Prot Work \$ 500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required

Joint Plan Review Required:

() Bldg () Elect

() Plumb () Elevator

() Fire Plans Approved

Date: 10-17-03

Approved By: *EC*

SUBCODE APPROVAL

() CO () CCO () CA

Date:

Approved By:

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.

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: () Flammable Liquid () Combust Liquid

() LPG () LNG Capacity 0 Fuel

Alarm Systems () 110v Interconnected NUMBER

() System

Alarm Devices (smoke, heat, pulls, water/flow) 1

Supervisory Devices (tamper, low/high air) 0

Signalling Devices (horn/strobes, bells) 0

Other Devices 0

TOTAL 1

Suppression Systems

Fire Pump 0 GPM Type 0

Dry Pipe/Alarm Valves 0

Pre-action Valves 0

Sprinkler Heads (Dry and Wet) 0

Standpipes 0

Pre-Engineered Systems 0

Wet Chemical 0

Dry Chemical 0

CO2 Suppression 0

Foam Suppression 0

Halon Suppression 0

Other 0

Kitchen Hood Exhaust System 0

Smoke Control System 0

Gas () or Oil () Fired Appliances 0

Other FURNACE 46

Other 0

Administrative Surcharge \$ 0

Paid () Check # Minimum Fee \$ 81

Collected by: TOTAL FEE \$ 81

DCA State Permit Fee \$ 1

NJ UCCARS 5.24E
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/22/03
Control # C29-74
Permit # 03-1706 JLT
C. P. P. 12/10/03

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

Block 827 Lot 27 Qual

Work Site Location 1629 ROUTE 88 EAST - *Carroll's Auto Wash*

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

RD/OW NJ 08724-

Tele. ()

Contractor HAINES AIR HD & COOLING LLC

Address 133 SAWMILL RD

BRICK, NJ 08724-

Tele. (732) 803-5992

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 55-0796374

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed R-5

Constr Class Present Proposed

Heating Systems () New (X) Existing () HVAC

Type: (X) Gas () Oil () Elect () Solar

() Other

Location: 1ST FLOOR STAIRWELL CLOSE

Total Est Cost of Fire Prot Work \$ 500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

() No Plans Required

() Joint Plan Review Required:

() Bldg () Elect

() Plumb () Elevator

() Fire Plans Approved

Date: 10-23-03

Approved By: *[Signature]*

SUBCODE APPROVAL

() CO () CCO () CA

Date:

Approved By:

INSPECTIONS

Type

Alarm Sys

Suppr Test

Standpipe

Fire Pump

PreEng Sys

Mechanical

Smoke Ctl

TCO

Final

Other

Dates (Month/Day)

Failure Failure Approval Initial

Fire Alarm System

New () Existing ()

Location of Panel:

Fire Suppression/Standpipe Sys

New () Existing ()

Location of Main Control Valve

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: () Flammable Liquid () Combust Liquid

() LPG () LNG Capacity 0 Fuel

Alarm Systems () Interconnected NUMBER

() System

Alarm Devices (smoke, heat, pulls, water/flow) 1

Supervisory Devices (tamper, low/high air) 0

Signalling Devices (horn/strobes, bells) 0

Other Devices 0

TOTAL 1

Suppression Systems

Fire Pump 0 GPM Type

Dry Pipe/Alarm Valves 0

Pre-action Valves 0

Sprinkler Heads (Dry and Wet) 0

Standpipes 0

Pre-Engineered Systems

Wet Chemical 0

Dry Chemical 0

CO2 Suppression 0

Foam Suppression 0

Halon Suppression 0

Other 0

Kitchen Hood Exhaust System 0

Smoke Control System 0

Gas () or Oil () Fired Appliances 0

other FURNACE 46

other 0

FEE (Office Use Only)

Paid () Check # Administrative Surcharge \$ 0
Minimum Fee \$ 0
Collected by: TOTAL FEE \$ 81
DCA State Permit Fee \$ 1

Signature

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/22/03
Control # C29-77
Permit # 03-4706

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

Block 827 Lot 27

Work Site Location 1629 ROUTE 88 EAST

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

Tele. [REDACTED]

Contractor EXTREME AIR HTG & COOLING LLC

Address 133 SAWMILL RD

BRICK, NJ 08724-

Tele. (732)803-5992

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 55-0796374

D. TECHNICAL SITE DATA
NO. SIZE

FEE (Office Use Only)

ITEM	NO.	SIZE
Lighting Fixtures	0	
Receptacles	0	
Switches	1	
Detectors	0	
Light Poles	0	
Motors-Fract HP	0	
Emergency & Exit Lights	0	
Communications Points	0	
Alarm Devices/F.A.C. Panel	0	
TOTAL NUMBERS	1	
Pool Permit/with HW Lights	0	
Storable Pool/Spa/Hot Tub	0	
KW Elect Range/Receptacle	0	
KW Oven/Surface Unit	0	
KW Elect Water Heater	0	
KW Elect Dryer/Receptacle	0	
KW Dishwasher	0	
HP Garbage Disposal	0	
KW Central A/C Unit	0	
HP/KW Space Heater/Air Handler	1	7
Baseboard Heat	1	3
HP Motors 1/+ HP	0	0
KW Transformer/Generator	0	0
AMP Service	0	0
AMP Subpanels	0	0
AMP Motor Control Center	0	0
KW Elect Sign/Outline Light	0	0
Other	0	0
Other	0	0

B. ELECTRICAL CHARACTERISTICS
Use Group - Present Proposed R-5
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 200

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required
[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date:

Approved By:

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date:

Approved By:

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's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check #
Collected by: TOTAL FEE \$ 53
DCA State Permit Fee \$

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/22/03
Control # C29-77
Permit # 03-4706

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

Block 827 Lot 27

Work Site Location 1629 ROUTE 88 EAST

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

BRICK, NJ 08724-

Tele. [REDACTED]

Contractor EXTREME AIR HTG & COOLING LLC

Address 133 SAWMILL RD

BRICK, NJ 08724-

Tele. 732-803-5992

Lic. No. or Bldrs. Reg. No.

Federal Emp. No. 55-0796374

B. ELECTRICAL CHARACTERISTICS
Use Group - Present Proposed R-5
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 200

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bidg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: _____
Approved By: _____
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: _____
Approved By: _____

D. TECHNICAL SITE DATA
NO. SIZE

ITEM	NO.	SIZE
Lighting Fixtures	0	
Receptacles	0	
Switches	1	
Detectors	0	
Light Poles	0	
Motors-Pract HP	0	
Emergency & Exit Lights	0	
Communications Points	0	
Alarm Devices/T.A.C. Panel	0	
TOTAL NUMBERS	1	
Pool Permit/with UW Lights	0	
Storable Pool/Spa/Hot Tub	0	
KW Elect Range/Receptacle	0	
KW Oven/Surface Unit	0	
KW Elect Water Heater	0	
KW Elect Dryer/Receptacle	0	
KW Dishwasher	0	
HP Garbage Disposal	0	
KW Central A/C Unit	0	
HP/KW Space Heater/Air Handler	1	7
Baseboard Heat	1	3
HP Motors 1/+ HP	0	
KW Transformer/Generator	0	
AMP Service	0	
AMP Subpanels	0	
AMP Motor Control Center	0	
KW Elect Sign/Outline Light	0	
Other	0	
Other	0	

FEE (Office Use Only)

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's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check \$ _____
Collected by: _____
Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 53
DCA State Permit Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONSUCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTIONDate Received 09/25/2003
Date Issued 10/10/03
Control # C29-77
Permit # 03-4726

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

Block 827 Lot 27
Work Site Location 1629 ROUTE 88 EAST
ELECTRIC TO GAS
Owner in Fee SCHMIDT, ERICH
Address SAME
BRICK, NJ 08724-
Tele. [REDACTED]
Contractor EXTREME AIR HTG & COOLING LLC
Address 133 SAWMILL RD
BRICK, NJ 08724-
Tele. (732)803-5992
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 55-0796374

D. TECHNICAL SITE DATA (List all fixtures.)

NO.

FIGURE/EQUIPMENT

FEE (Office Use Only)

Water Closet

0

Urinal / Bidet

0

Bath Tub

0

Shower

0

Floor Drain

0

Sink

0

Dishwasher

0

Drinking Fountain

0

Washing Machine

0

Hose Bib

0

Water Heater

0

Fuel Oil Piping

0

Gas Piping

25

Steam Boiler

0

Hot Water Boiler

0

Sewer Pump

0

Interceptor / Separator

0

Backflow Preventer

0

Greasetrap

0

Sewer Connection

0

Water Service Connection

0

Stacks

0

Other A/C

35

Other

0

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed R-5
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 325

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required

Joint Plan Review Required:

☐ Bldg ☐ Elect☐ Fire ☐ Elevator☒ Plumb. Plans Approved

Date: 10-10-03

Approved By: [Signature]

SUBCODE APPROVAL

☐ CO ☐ CCO ☐ CA

Approved By: TCO

Date:

INSPECTIONS

Type

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCO

Dates (Month/Day)

Failure Failure Approval Initial

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

Paid by Check #
Collected by:

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA State Permit Fee \$

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.Signature/Contractor Seal
☐ Licensed Plumbing Contractor ☐ Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/10/03
Control # C29-77
Permit # 03-47706

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

D. TECHNICAL SITE DATA (List all fixtures.)

Block 827 Lot 27

Work Site Location 1629 ROUTE 88 EAST

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

UNIFORM NR 00371-

Tele. (7)

Contractor EXTREME AIR HTG & COOLING LLC

Address 133 SAWHILL RD

BRICK, NJ 08724-

Tele. (732) 803-5992

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 55-0796374

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed R-5
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 325

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required
Joint Plan Review Required:

INSPECTIONS

Dates (Month/Day)
Type Failure Failure Approval Initial

[] Bldg [] Elect
[] Fire [] Elevator
[] Plumb. Plans Approved

Slab
Rough
Water
Sewer
Fixtures

Date: 10/10/03

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By:

Date:

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.

Signature/Contractor Seal

[] Licensed Plumbing Contractor [] Exempt Applicant

NO.

FIXTURE/EQUIPMENT

PER (Office Use Only)

Water Closet

501

0

Urinal / Bidet

0

0

Bath Tub

0

0

Shower

0

0

Floor Drain

0

0

Sink

0

0

Dishwasher

0

0

Drinking Fountain

0

0

Washing Machine

0

0

Hose Bib

0

0

Water Heater

0

0

Fuel Oil Piping

0

0

Gas Piping

25

0

Steam Boiler

0

0

Hot Water Boiler

0

0

Sewer Pump

0

0

Interceptor / Separator

0

0

Backflow Preventer

0

0

Greasetrapp

0

0

Sewer Connection

0

0

Water Service Connection

0

0

Stacks

0

0

Other A/C

35

0

Other

0

0

Paid by Check #

Collected by:

Administrative Surcharge

Minimum Fee

TOTAL FEE

DCA State Permit Fee

\$ 0
\$ 0
\$ 60
\$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/22/03
Control # C29-77
Permit # 03-4766

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1090

Block 827 Lot 27

Work Site Location 1629 ROUTE 88 EAST

ELECTRIC TO GAS

Owner in Fee SCHMIDT, ERICH

Address SAME

Tele [REDACTED]

Contractor UNAFORD ELE

Address 449 HARMONY RD

JACKSON, NJ 08527-

Tele (732)928-4300

Lic. No. or Bldrs. Reg. No. 11325

Federal Emp. No. 14-4626916

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed R-5

[] Pole/Pad [] Temporary [] Other

Building Occupied as Utility Co.

Estimated Cost of Electrical Work \$ 200

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[X] No Plans Required

Joint Plan Review Required:

[] Bidg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date: 10/15/03

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date: _____

Approved By: _____

D. TECHNICAL SITE DATA

NO. SIZE

ITEM

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 UV Lights

Storable Pool/Spa/Hot Tub

KW Elect Range/Receptacle

KW Oven/Surface Unit

KW Elect Water Heater

KW Elect Dryer/Receptacle

KW Dishwasher

HP Garbage Disposal

KW Central A/C Unit

HP/KW Space Heater/Air Handler

Baseboard Heat

HP Motors 1/+ HP

KW Transformer/Generator

AMP Service

AMP Subpanels

AMP Motor Control Center

KW Elect Sign/Outline Light

other

other

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA State Permit Fee \$

Paid [] Check #

Collected by: _____

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/25/2003
Date Issued 10/21/03
Control # C29-77
Permit # 03-4766

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING

CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000
Block 827 Lot 27 Qual
Work Site Location 1629 ROUTE 88 EAST
ELECTRIC TO GAS
Owner in Fee SCHMIDT, ERICH
Address SAME
Tel. 24-
Contractor CRANFORD ELE
Address 449 HARMONY RD
JACKSON, NJ 08527-
Tele. (732)928-4300
Lic. No. or Bldgs. Reg. No. 11325
Federal Emp. No. 14-4626916

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed R-5
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 200

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[] No Plans Required
[] Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 10/15/03
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: _____
Approved By: _____

D. TECHNICAL SITE DATA

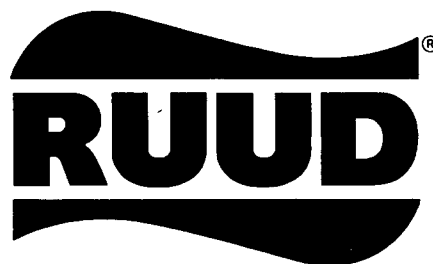
NO.	SIZE	ITEM	FEE (Office Use Only)
0		Lighting Fixtures	
0		Receptacles	
1		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Fract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
1		TOTAL NUMBERS	35
0		Pool Permit/with UV Lights	
0		Storable Pool/Spa/Hot Tub	
0		KW Elect Range/Receptacle	
0		KW Oven/Surface Unit	
0		KW Elect Water Heater	
0		KW Elect Dryer/Receptacle	
0		KW Dishwasher	
0		HP Garbage Disposal	
0		KW Central A/C Unit	
1		HP/KW Space Heater/Air Handler	
1		Baseboard Heat	
0		HP Motors 1/+ HP	
0		KW Transformer/Generator	
0		ANP Service	
0		ANP Subpanels	
0		ANP Motor Control Center	
0		KW Elect Sign/Outline Light	
0		Other	
0		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 and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check \$
Collected by: _____
Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 52
DCA State Permit Fee \$

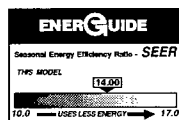
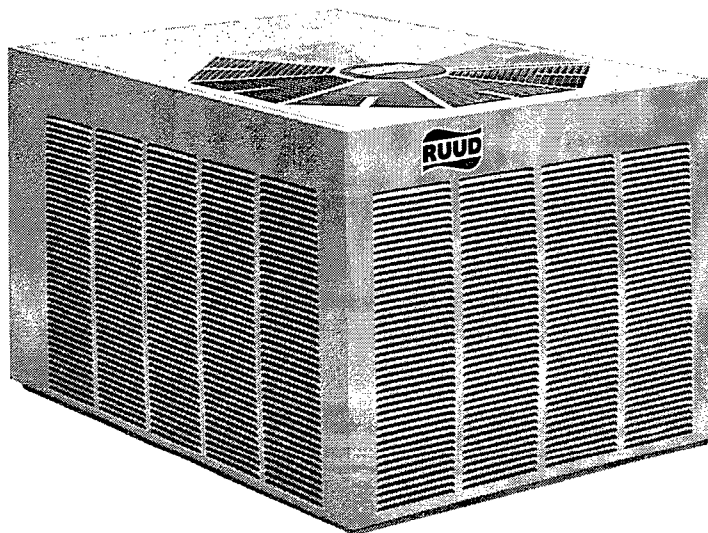
CONDENSING UNITS



ACHIEVER 14[®] SUPER HIGH EFFICIENCY CONDENSING UNITS

UAPA- SERIES

Nominal Sizes 2 to 5 Tons
[7.03 kW] to [17.58 kW]



Six Models

Cooling Capacities
24,000 to 60,000 BTU/HR
[7.03 kW] to [17.58 kW]

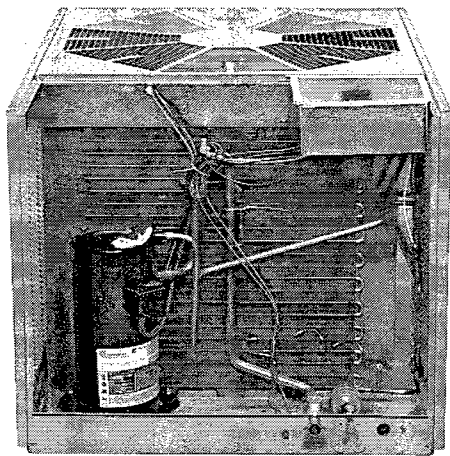
The Ruud[®] Achiever 14 Super High Efficiency UAPA-Condensing Unit was designed with performance in mind. These units offer comfort, energy conservation and dependability for single, multi-family and light commercial applications.

The Ruud Achiever 14 UAPA- Condensing Units are the result of an ongoing development program for improved efficiencies. With SEER's ranging to 14.0, these units continue a tradition of high efficiency.

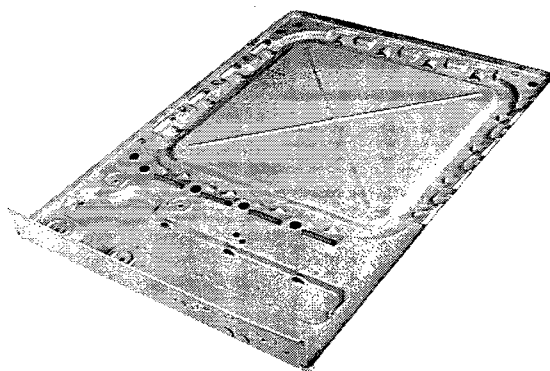
- Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.
- Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille provides minimum air restriction, resulting in quiet fan operation.
- Exclusive Combination Grille/Motor Mount secures the motor to the underside of the discharge grille. The grille protects the motor windings and bearings from rain and snow.
- All controls are accessible by removing one service panel. Removable top grille provides access to the condenser fan motor and condenser coil.
- Single speed motor designed for low speed, quiet, energy-saving operation.



"CERTIFIED UNDER THE
A.R.I. CERTIFICATION
PROGRAM—A.R.I.
STANDARD 210"



All controls and compressor are accessible for servicing by removal of the service panel.



Drawn Painted Base Pan.

Engineering Features

UAPA- Series Condensing Units

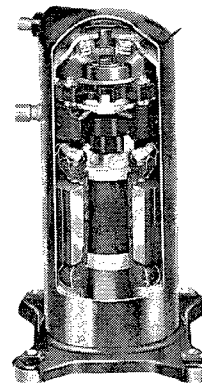
1. Scroll compressor is hermetically sealed and incorporates internal high temperature motor overload protection, and durable insulation on the motor windings. It is externally mounted on rubber grommets to reduce vibration and noise.
2. Compressors have an internal pressure relief assembly to protect against excessive pressure differential.
3. All refrigerant connections are on the exterior of the unit, located close to the ground for neat appearing installations.
4. Cabinet is constructed of powder painted galvanized steel. The full wraparound louvered grille protects the coil from damage.
5. Copper Tube—Aluminum Fin coils are used on all models.
6. The control box is located in the top corner of the cabinet providing for easy access through a service panel.
7. Service valves are standard on all models.
8. Power and control wiring are kept separate.
9. Every unit is factory charged and tested.
10. Separate compressor compartment for easy service access.
11. Drawn, painted base pan for extra corrosion resistance and sound reduction.
12. **UAPA—JAZ Series** has a **10 year compressor limited warranty** and a liquid line filter drier. The JAZ Series also has factory installed low pressure control, high pressure control, time delay control and sound enclosure.

Field Installed Accessories

- **Compressor Time Delay Control**—Compressor will remain off for five minutes after power or thermostat interruption, allowing system pressures to equalize. (Model No. RXMD-B01)
- **Low Ambient Switch**—Cycles outdoor fan to maintain adequate condensing pressures assuring liquid refrigerant flow to the coil. Allows indoor cooling with outdoor temperatures down to 0°F [-17.8°C]. (Model No. RXAD-A04)
It is recommended that this control be installed in units to be operated at outdoor ambient temperatures under 70°F [21°C].
- **Hard Start Kits**—Standard on 024/030/036/042/049/061 models.

COPELAND® SCROLL® COMPRESSOR

The Copeland scroll compressor is the key to efficiency for this Ruud model. It's the latest in high-efficiency compressor technology. The advanced scroll compressor offers low noise and vibration characteristics and features tolerance to liquid refrigerant and system contamination. The Copeland Scroll also has low start torque, eliminating start problems in the field. And its unique design enables the UAPA- condensing unit to perform efficiently, quietly and reliably.



Model Number Identification

<u>U</u>	<u>A</u>	<u>P</u>	<u>A</u>	<u>—</u>	<u>024</u>	<u>J</u>	<u>A</u>	<u>Z</u>
RUUD	CONDENSING UNIT	TYPE-P SUPER HI-EFFICIENCY	DESIGN SERIES		NOMINAL COOLING CAPACITY	ELECTRICAL DESIGNATION J = 208-230-1-60	VARIATIONS A = DELUXE MODEL	COMPRESSOR TYPE Z = COPELAND ZR SCROLL COMPRESSOR
					024 = 24,000 BTU/HR [7.03 kW] 030 = 30,000 BTU/HR [8.79 kW] 036 = 36,000 BTU/HR [10.55 kW] 042 = 42,000 BTU/HR [12.31 kW] 049 = 48,000 BTU/HR [14.07 kW] 061 = 60,000 BTU/HR [17.58 kW]			

Performance Data @ ARI Standard Conditions—Cooling

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating	Indoor CFM [L/s]
Outdoor Unit UAPA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
024JA	RCGA-24A2	22,200 [6.51]	16,400 [4.81]	5,800 [1.70]	10.50	12.00	7.4	800 [380]
	RCGA-24A2 (UGFD-06?MCK?)	22,400 [6.56]	16,600 [4.86]	5,800 [1.70]	10.85	12.45	7.4	800 [380]
	RCGA-24A2 (UGFD-07?MCK?)	22,400 [6.56]	16,600 [4.86]	5,800 [1.70]	11.05	12.70	7.4	800 [380]
	RCGA-24A2 (UGLL-05?BMK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.70]	11.70	13.40	7.4	800 [380]
	RCGA-24A2 (UGPL-05?BMK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.70]	11.70	13.40	7.4	800 [380]
	RCGA-24A2 + RXMD-C02	22,200 [6.51]	16,400 [4.81]	5,800 [1.70]	10.50	12.10	7.4	800 [380]
	RCGJ-24A2	23,400 [6.86]	17,100 [5.01]	6,300 [1.85]	10.95	12.50	7.4	800 [380]
	RCGJ-24A2 (UBHK-17) ①	24,000 [7.03]	17,500 [5.13]	6,500 [1.90]	12.35	14.25	7.4	800 [380]
	RCGJ-24A2 (UGFD-06?MCK?)	23,600 [6.92]	17,300 [5.07]	6,300 [1.85]	11.35	13.00	7.4	800 [380]
	RCGJ-24A2 (UGFD-07?MCK?)	23,600 [6.92]	17,300 [5.07]	6,300 [1.85]	11.45	13.15	7.4	800 [380]
	RCGJ-24A2 (UGLL-05?BMK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.84]	12.25	14.00	7.4	800 [380]
	RCGJ-24A2 (UGLL-07?BRK?)	24,000 [7.03]	17,700 [5.19]	6,300 [1.84]	12.40	14.20	7.4	800 [380]
	RCGJ-24A2 (UGPL-05?BMK?)	24,000 [7.03]	17,700 [5.19]	6,300 [1.84]	12.25	14.00	7.4	800 [380]
	RCGJ-24A2 (UGPL-07?BRK?)	24,000 [7.03]	17,700 [5.19]	6,300 [1.84]	12.40	14.20	7.4	800 [380]
030JA	RCGJ-24A2 + RXMD-C02	23,400 [6.86]	17,100 [5.01]	6,300 [1.85]	10.95	12.60	7.4	800 [380]
	RCQC-2417	25,000 [7.33]	18,900 [5.54]	6,100 [1.79]	11.25	13.10	7.4	800 [380]
	RCGA-37A1	28,400 [8.32]	20,400 [5.98]	8,000 [2.34]	10.65	12.00	7.4	1,000 [470]
	RCGA-37A1 (UGFD-06?MCK?)	28,600 [8.38]	20,600 [6.04]	8,000 [2.34]	10.95	12.45	7.4	1,000 [470]
	RCGA-37A1 (UGFD-07?MCK?)	28,400 [8.32]	20,400 [5.98]	8,000 [2.34]	10.65	12.05	7.4	1,000 [470]
	RCGA-37A1 (UGLL-05?BMK?)	29,000 [8.50]	21,000 [6.15]	8,000 [2.35]	11.60	13.40	7.4	1,000 [470]
	RCGA-37A1 (UGLL-07?BRK?)	29,000 [8.50]	21,000 [6.15]	8,000 [2.35]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (UGLL-07?BRQ?)	29,000 [8.50]	21,000 [6.15]	8,000 [2.35]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (UGPL-05?BMK?)	29,000 [8.50]	21,000 [6.15]	8,000 [2.35]	11.60	13.40	7.4	1,000 [470]
	RCGA-37A1 (UGPL-07?BRK?)	29,000 [8.50]	21,000 [6.15]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (UGPL-07?BRQ?)	29,000 [8.50]	21,000 [6.15]	8,000 [2.35]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 + RXMD-C02	28,400 [8.32]	20,400 [6.00]	8,000 [2.34]	10.65	12.10	7.4	1,000 [470]
	RCGJ-36A1	29,200 [8.56]	21,100 [6.18]	8,100 [2.38]	10.90	12.50	7.4	1,000 [470]
	RCGJ-36A1 (UBHK-21) ①	30,200 [8.85]	22,100 [6.48]	8,100 [2.37]	12.05	14.00	7.4	1,000 [470]
	RCGJ-36A1 (UGFD-06?MCK?)	29,400 [8.62]	21,200 [6.21]	8,200 [2.41]	11.25	13.00	7.4	1,000 [470]
	RCGJ-36A1 (UGFD-07?MCK?)	29,200 [8.56]	21,000 [6.15]	8,200 [2.41]	10.85	12.50	7.4	1,000 [470]
	RCGJ-36A1 (UGLL-05?BMK?)	29,800 [8.73]	21,700 [6.36]	8,100 [2.37]	11.90	13.80	7.4	1,000 [470]
	RCGJ-36A1 (UGLL-07?BRK?)	30,000 [8.79]	21,900 [6.42]	8,100 [2.37]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (UGLL-07?BRQ?)	30,000 [8.79]	21,900 [6.42]	8,100 [2.37]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (UGPL-05?BMK?)	29,800 [8.73]	21,700 [6.36]	8,100 [2.37]	11.90	13.80	7.4	1,000 [470]
	RCGJ-36A1 (UGPL-07?BRK?)	30,000 [8.79]	21,900 [6.42]	8,100 [2.37]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (UGPL-07?BRQ?)	30,000 [8.79]	21,900 [6.42]	8,100 [2.37]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 + RXMD-C02	29,200 [8.56]	21,100 [6.18]	8,100 [2.38]	10.90	12.60	7.4	1,000 [470]
	RCQC-3617	30,800 [9.03]	23,200 [6.80]	7,600 [2.23]	11.20	13.05	7.4	1,000 [470]
	RCQC-3621	30,800 [9.03]	23,200 [6.80]	7,600 [2.23]	11.20	13.05	7.4	1,000 [470]
036JA	RCGA-36A2	32,800 [9.61]	24,200 [7.09]	8,600 [2.52]	10.55	12.00	7.6	1,200 [565]
	RCGA-36A2 (UGFD-07?MCK?)	32,800 [9.61]	24,200 [7.09]	8,600 [2.52]	10.50	12.00	7.6	1,200 [565]
	RCGA-36A2 (UGFD-09?ZCM?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.30	13.00	7.6	1,200 [565]
	RCGA-36A2 (UGFD-10?ZCM?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.20	12.85	7.6	1,200 [565]
	RCGA-36A2 (UGLL-05?BMK?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.35	13.20	7.6	1,200 [565]
	RCGA-36A2 (UGLL-07?BRK?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (UGLL-07?BRQ?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (UGLL-10?BRM?)	33,200 [9.73]	24,600 [7.21]	8,600 [2.52]	11.05	12.70	7.6	1,200 [565]
	RCGA-36A2 (UGPL-05?BMK?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.35	13.20	7.6	1,200 [565]
	RCGA-36A2 (UGPL-07?BRK?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (UGPL-07?BRQ?)	33,400 [9.79]	24,800 [7.27]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (UGPL-10?BRM?)	33,200 [9.73]	24,600 [7.21]	8,600 [2.52]	11.05	12.70	7.6	1,200 [565]
	RCGA-36A2 + RXMD-C02	32,800 [9.61]	24,200 [7.09]	8,600 [2.52]	10.55	12.10	7.6	1,200 [565]
	RCGJ-36A2	34,200 [10.02]	24,500 [7.18]	9,700 [2.84]	10.95	12.50	7.6	1,200 [565]
	RCGJ-36A2 (UBHK-21) ①	35,200 [10.32]	25,700 [7.53]	9,500 [2.79]	12.45	14.00	7.6	1,200 [565]
	RCGJ-36A2 (UGFD-07?MCK?)	34,200 [10.02]	24,400 [7.15]	9,800 [2.87]	10.90	12.50	7.6	1,200 [565]
	RCGJ-36A2 (UGFD-09?ZCM?)	34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.70	13.40	7.6	1,200 [565]
	RCGJ-36A2 (UGFD-10?ZCM?)	34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.65	13.30	7.6	1,200 [565]
	RCGJ-36A2 (UGFD-12?RCM?)	34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.65	13.30	7.6	1,200 [565]
	RCGJ-36A2 (UGLL-05?BMK?)	34,800 [10.20]	25,100 [7.36]	9,700 [2.84]	11.80	13.80	7.6	1,200 [565]
	RCGJ-36A2 (UGLL-07?BRK?)	35,000 [10.26]	25,300 [7.41]	9,700 [2.85]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (UGLL-07?BRQ?)	35,000 [10.26]	25,300 [7.41]	9,700 [2.85]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (UGLL-10?BRM?)	34,600 [10.14]	24,900 [7.30]	9,700 [2.84]	11.60	13.50	7.6	1,200 [565]
	RCGJ-36A2 (UGLL-12?ARM?)	34,800 [10.20]	25,100 [7.36]	9,700 [2.84]	11.90	13.80	7.6	1,200 [565]

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (cont.)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating	Indoor CFM [L/s]
Outdoor Unit UAPA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
036JA	RCGJ-36A2 (UGPL-05?BMK?)	34,800 [10.20]	25,100 [7.36]	9,700 [2.84]	11.80	13.80	7.6	1,200 [565]
	RCGJ-36A2 (UGPL-07?BRK?)	35,000 [10.26]	25,300 [7.41]	9,700 [2.85]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (UGPL-07?BRQ?)	35,000 [10.26]	25,300 [7.41]	9,700 [2.85]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (UGPL-10?BRM?)	34,600 [10.14]	24,900 [7.30]	9,700 [2.84]	11.60	13.50	7.6	1,200 [565]
	RCGJ-36A2 (UGPL-12?ARM?)	34,800 [10.20]	25,100 [7.36]	9,700 [2.84]	11.90	13.80	7.6	1,200 [565]
	RCGJ-36A2 + RXMD-C02	34,200 [10.02]	24,500 [7.18]	9,700 [2.84]	10.95	12.60	7.6	1,200 [565]
	RCQC-3617	36,200 [10.61]	27,300 [8.00]	8,900 [2.61]	11.55	13.20	7.6	1,200 [565]
042JA	RCQC-3621	36,400 [10.67]	27,300 [8.00]	9,100 [2.67]	11.50	13.05	7.6	1,200 [565]
	RCGA-48A1	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	10.65	12.00	7.6	1,400 [660]
	RCGA-48A1 (UGFD-09?ZCM?)	39,500 [11.58]	29,000 [8.50]	10,500 [3.08]	11.15	12.60	7.6	1,400 [660]
	RCGA-48A1 (UGFD-10?ZCM?)	39,000 [11.43]	28,400 [8.32]	10,600 [3.11]	10.90	12.40	7.6	1,400 [660]
	RCGA-48A1 (UGFD-12?RCM?)	39,000 [11.43]	28,400 [8.32]	10,600 [3.11]	10.90	12.40	7.6	1,400 [660]
	RCGA-48A1 (UGLL-07?BRQ?)	39,000 [11.43]	28,500 [8.35]	10,500 [3.08]	11.40	13.30	7.6	1,320 [625]
	RCGA-48A1 (UGLL-10?BRM?)	39,500 [11.58]	29,000 [8.50]	10,500 [3.08]	11.20	13.00	7.6	1,400 [660]
	RCGA-48A1 (UGLL-12?ARM?)	39,500 [11.58]	29,000 [8.50]	10,500 [3.08]	11.35	13.20	7.6	1,400 [660]
	RCGA-48A1 (UGPL-07?BRQ?)	39,000 [11.43]	28,500 [8.35]	10,500 [3.08]	11.40	13.30	7.6	1,320 [625]
	RCGA-48A1 (UGPL-10?BRM?)	39,500 [11.58]	29,000 [8.50]	10,500 [3.08]	11.20	13.00	7.6	1,400 [660]
	RCGA-48A1 (UGPL-12?ARM?)	39,500 [11.58]	29,000 [8.50]	10,500 [3.08]	11.35	13.20	7.6	1,400 [660]
	RCGA-48A1 + RXMD-C02	39,000 [11.43]	28,500 [8.35]	10,500 [3.08]	10.65	12.10	7.6	1,400 [660]
	RCGJ-48A1	40,000 [11.72]	28,900 [8.47]	11,100 [3.25]	10.90	12.50	7.6	1,400 [660]
	RCGJ-48A1 (UBHK-24) ①	41,500 [12.16]	30,200 [8.85]	11,300 [3.31]	12.15	14.05	7.6	1,400 [660]
	RCGJ-48A1 (UGFD-09?ZCM?)	40,500 [11.87]	29,400 [8.62]	11,100 [3.25]	11.40	13.15	7.6	1,400 [660]
	RCGJ-48A1 (UGFD-10?ZCM?)	40,000 [11.72]	28,900 [8.47]	11,100 [3.25]	11.15	12.85	7.6	1,400 [660]
	RCGJ-48A1 (UGFD-12?RCM?)	40,000 [11.72]	28,900 [8.47]	11,100 [3.25]	11.15	12.90	7.6	1,400 [660]
	RCGJ-48A1 (UGLL-07?BRQ?)	41,000 [12.02]	29,900 [8.76]	11,100 [3.26]	11.90	13.80	7.6	1,400 [660]
	RCGJ-48A1 (UGLL-10?BRM?)	40,500 [11.87]	29,400 [8.62]	11,100 [3.25]	11.45	13.30	7.6	1,400 [660]
	RCGJ-48A1 (UGLL-12?ARM?)	40,500 [11.87]	29,400 [8.62]	11,100 [3.25]	11.65	13.60	7.6	1,400 [660]
	RCGJ-48A1 (UGPL-07?BRQ?)	41,000 [12.02]	29,900 [8.76]	11,100 [3.26]	11.90	13.80	7.6	1,400 [660]
	RCGJ-48A1 (UGPL-10?BRM?)	40,500 [11.87]	29,400 [8.62]	11,100 [3.25]	11.45	13.30	7.6	1,400 [660]
	RCGJ-48A1 (UGPL-12?ARM?)	40,500 [11.87]	29,400 [8.62]	11,100 [3.25]	11.65	13.60	7.6	1,400 [660]
	RCGJ-48A1 + RXMD-C02	40,000 [11.72]	28,900 [8.47]	11,100 [3.25]	10.90	12.60	7.6	1,400 [660]
	RCQC-4821	43,000 [12.60]	32,200 [9.44]	10,800 [3.16]	11.25	13.25	7.6	1,400 [660]
	RCQC-4824	43,000 [12.60]	32,200 [9.44]	10,800 [3.16]	11.25	13.25	7.6	1,400 [660]
049JA	RCGA-48A1	42,000 [12.31]	31,000 [9.09]	11,000 [3.22]	10.90	12.00	7.6	1,575 [745]
	RCGA-48A1 (UGFD-09?ZCM?)	42,000 [12.31]	31,000 [9.09]	11,000 [3.22]	11.00	12.20	7.6	1,575 [745]
	RCGA-48A1 (UGFD-10?ZCM?)	42,000 [12.31]	31,000 [9.09]	11,000 [3.22]	10.95	12.10	7.6	1,575 [745]
	RCGA-48A1 (UGFD-12?RCM?)	42,000 [12.31]	31,000 [9.09]	11,000 [3.22]	10.95	12.15	7.6	1,575 [745]
	RCGA-48A1 (UGLL-07?BRQ?)	43,000 [12.60]	32,000 [9.38]	11,000 [3.22]	11.80	13.30	7.6	1,575 [745]
	RCGA-48A1 (UGLL-10?BRM?)	42,500 [12.46]	31,500 [9.23]	11,000 [3.23]	11.35	13.00	7.6	1,575 [745]
	RCGA-48A1 (UGLL-12?ARM?)	42,500 [12.46]	30,500 [8.94]	12,000 [3.52]	11.40	13.10	7.6	1,575 [745]
	RCGA-48A1 (UGPL-07?BRQ?)	43,000 [12.60]	32,000 [9.38]	11,000 [3.22]	11.80	13.30	7.6	1,575 [745]
	RCGA-48A1 (UGPL-10?BRM?)	42,500 [12.46]	31,500 [9.23]	11,000 [3.23]	11.35	13.00	7.6	1,575 [745]
	RCGA-48A1 (UGPL-12?ARM?)	42,500 [12.46]	30,500 [8.94]	12,000 [3.52]	11.40	13.10	7.6	1,575 [745]
	RCGA-48A1 + RXMD-C02	42,000 [12.31]	31,000 [9.09]	11,000 [3.22]	10.90	12.10	7.6	1,575 [745]
	RCGJ-48A1 (UBHK-24)	44,500 [13.04]	32,800 [9.61]	11,700 [3.43]	12.40	14.10	7.6	1,600 [755]
	RCGJ-60A1	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.35	12.50	7.6	1,600 [755]
	RCGJ-60A1 (UBHK-24) ①	44,500 [13.04]	32,800 [9.61]	11,700 [3.43]	12.40	14.10	7.6	1,600 [755]
	RCGJ-60A1 (UGFD-09?ZCM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.50	12.70	7.6	1,600 [755]
	RCGJ-60A1 (UGFD-10?ZCM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.40	12.60	7.6	1,600 [755]
	RCGJ-60A1 (UGFD-12?RCM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.45	12.60	7.6	1,600 [755]
	RCGJ-60A1 (UGLL-07?BRQ?)	45,000 [13.19]	33,000 [9.67]	12,000 [3.52]	12.30	13.90	7.6	1,600 [755]
	RCGJ-60A1 (UGLL-10?BRM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.65	13.40	7.6	1,600 [755]
	RCGJ-60A1 (UGLL-12?ARM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.90	13.70	7.6	1,600 [755]
	RCGJ-60A1 (UGPL-07?BRQ?)	45,000 [13.19]	33,000 [9.67]	12,000 [3.52]	12.30	13.90	7.6	1,600 [755]
	RCGJ-60A1 (UGPL-10?BRM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.65	13.40	7.6	1,600 [755]
	RCGJ-60A1 (UGPL-12?ARM?)	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.90	13.70	7.6	1,600 [755]
	RCGJ-60A1 + RXMD-C02	44,000 [12.90]	32,000 [9.38]	12,000 [3.52]	11.35	12.60	7.6	1,600 [755]
	RCQC-4821	46,000 [13.48]	35,100 [10.29]	10,900 [3.19]	11.80	13.70	7.6	1,600 [755]
	RCQC-4824	47,000 [13.77]	35,800 [10.49]	11,200 [3.28]	11.95	13.65	7.6	1,600 [755]
061JA	RCGJ-60A1	51,000 [14.95]	36,200 [10.61]	14,800 [4.34]	11.00	12.40	7.8	1,800 [850]
	RCGJ-60A1 (UBHK-25)	52,000 [15.24]	37,200 [10.90]	14,800 [4.34]	11.85	13.50	7.8	1,800 [850]
	RCGJ-60A1 + RXMD-C02	51,000 [14.95]	36,200 [10.61]	14,800 [4.34]	11.00	12.45	7.8	1,800 [850]
	RCGJ-61A1 (UBHK-25) ①	55,000 [16.12]	40,500 [11.87]	14,500 [4.25]	12.25	14.00	7.8	1,800 [850]
	RCQC-6024	53,000 [15.53]	40,300 [11.81]	12,700 [3.72]	11.35	13.10	7.8	1,800 [850]

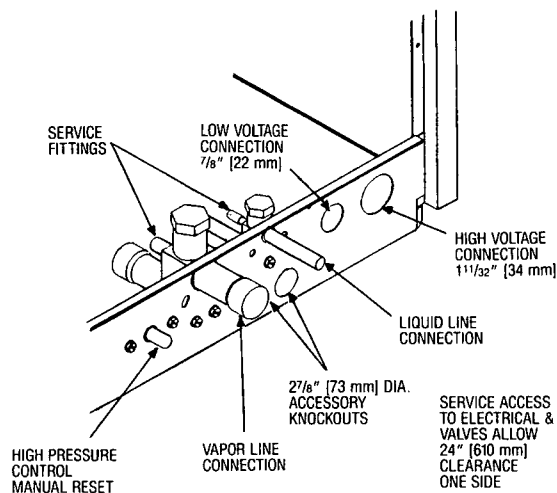
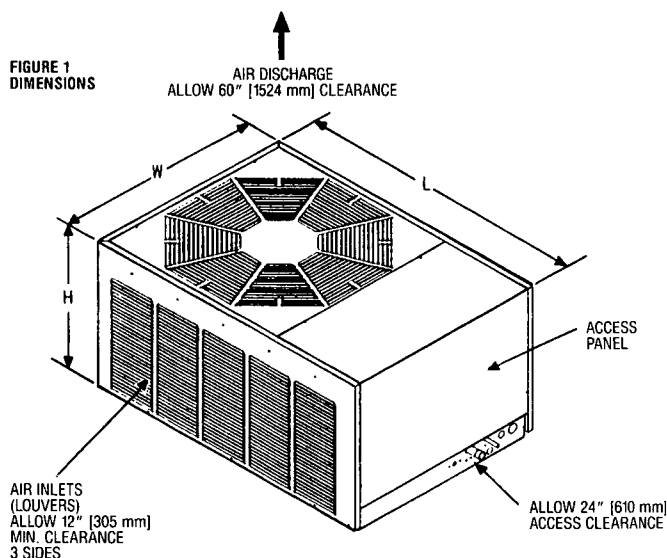
① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Electrical and Physical Data

Model Number UAPA-	ELECTRICAL						PHYSICAL						
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Fan Motor Full Load Amperes (FLA)	Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			R22 Oz. [g]	Weight	
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Minimum Amperes	Maximum Amperes	Face Area Sq. Ft. [m ²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]
024JA	1-60-208-230	10.3/10.3	56	.8	14/14	20/20	20/20	11.0 [1.022]	1	2110 [996]	72 [2041]	175 [79.4]	185 [83.9]
030JA	1-60-208-230	13.5/13.5	72.5	.8	18/18	25/25	30/30	15.8 [1.468]	1	2355 [1111]	104 [2948]	220 [99.8]	230 [104.3]
036JA	1-60-208-230	16.0/16.0	88	1.2	21/21	30/30	35/35	15.4 [1.431]	2	3190 [1506]	183 [5188]	255 [115.7]	265 [120.2]
042JA	1-60-208-230	17.9/17.9	104	1.2	24/24	30/30	40/40	15.4 [1.431]	2	3190 [1506]	157 [4451]	255 [115.7]	265 [120.2]
049JA	1-60-208-230	18.3/18.3	109	2.0	25/25	30/30	40/40	22.2 [2.062]	2	3500 [1652]	240 [6804]	300 [136.1]	323 [146.5]
061JA	1-60-208-230	23.7/23.7	129	2.0	32/32	40/40	50/50	22.2 [2.062]	2	3500 [1652]	262 [7428]	320 [145.1]	343 [155.6]

Unit Dimensions



Model Number UAPA-	Height "H" (Inches) [mm]	Length "L" (Inches) [mm]	Width "W" (Inches) [mm]
024	20 ³ / ₄ [527]	38 ¹¹ / ₁₆ [903]	27 ¹ / ₈ [689]
030/036/042	26 ³ / ₄ [539]	42 ⁹ / ₁₆ [1082]	31 [787]
049/061	34 ³ / ₄ [883]	43 [1092]	31 [787]

[] Designates Metric Conversions

GENERAL TERMS OF LIMITED WARRANTY

Ruud will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.

Condenser Coil leaks caused by
factory defects.....Five (5) Years
CompressorTen (10) Years
*Any Other PartFive (5) Years

*This five year limited warranty is applicable only to single-phase products installed in residential applications on or after January 1, 2001.

BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.

Condensing Unit Refrigerant Line Size Information

System Capacity Tons [kW]	Line Size (Inch O.D.) [mm]	Liquid Line Size Outdoor Unit Above Indoor Coil						Liquid Line Size Outdoor Unit Below Indoor Coil					
		Total Length—Feet [m]						Total Length—Feet [m]					
		25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]	25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]
		Vertical Separation—Feet [m]						Vertical Separation—Feet [m]					
2 [7.03]	1/4" [6.35]	25 [7.62]	50 [15.24]					25 [7.62]	23 [7.01]				
	5/16 [7.94]		24 [7.32]	34 [10.36]	44 [13.41]	54 [16.46]	64 [19.51]		48 [14.63]	38 [11.58]	28 [8.53]	18 [5.49]	8 [2.44]
2.5 [8.79]	1/4" [6.35]	25 [7.62]	50 [15.24]					25 [7.62]	23 [7.01]				
	5/16 [7.94]		19 [5.79]	33 [10.06]	47 [14.33]	61 [18.59]			50 [15.24]	39 [11.89]	25 [7.62]	11 [3.35]	
	3/8 [9.53]					11 [3.35]	15 [4.57]						57 [17.37]
3 [10.55]	5/16" [7.94]	25 [7.62]	50 [15.24]	70 [21.34]				25 [7.62]	23 [7.01]	9 [2.74]			
	3/8 [9.53]			34 [10.36]	40 [12.19]	46 [14.02]	52 [15.85]			38 [11.58]	32 [9.75]	26 [7.92]	20 [6.10]
3.5 [12.30]	5/16" [7.94]	25 [7.62]	50 [15.24]	75 [22.86]				25 [7.62]	23 [7.01]	9 [2.74]			
	3/8 [9.53]			32 [9.75]	39 [11.89]	46 [14.02]	53 [16.15]			40 [12.19]	33 [10.06]	26 [7.92]	19 [5.79]
4 [14.06]	3/8" [9.53]	25 [7.62]	44 [13.41]	53 [16.15]	61 [18.59]	70 [21.34]		25 [7.62]	28 [8.53]	19 [5.79]	11 [3.35]	3 [0.91]	
	1/2 [12.7]					37 [11.28]	39 [11.89]					35 [10.67]	33 [10.06]
5 [17.58]	3/8" [9.53]	25 [7.62]	48 [14.63]	61 [18.59]	72 [21.95]			25 [7.62]	23 [7.01]	11 [3.35]	3 [0.91]		
	1/2 [12.7]				35 [10.67]	38 [11.58]	41 [12.50]				37 [11.28]	34 [10.36]	31 [9.45]

*Standard line size

NOTES:

- This chart is applicable for condensing units.
- If the separation height exceeds the table values, **reduce** the indoor coil flow-check piston two sizes plus one size for each additional 10 feet [3.05 m].
Example 1: A 5 ton [17.58 kW] *condensing unit* with a total line length of 125 feet [38.10 m] with a vertical separation of 101 feet [30.78 m] utilizing a 1/2" [12.7 mm] liquid line. Table = 38 feet [11.58 m] maximum vertical separation for 125 feet [38.10 m] run. Separation exceeds table by (101-38) = 63 feet [19.20 m]. Therefore, reduce the indoor coil flow-check piston 2 + 6 = 8 sizes (For example, a #89 piston would reduce to a #81 piston)
- Do not exceed 120 feet [36.58 m] maximum vertical separation.
- No changes are required for expansion valve coils.
- Do not exceed table values for capillary tube coils.
- Always use the smallest liquid line possible to minimize system charge.
- Chart may be used to size horizontal runs.

NOTES:

- This chart is applicable for condensing units.
Example 1: A 2.5 ton [8.79 kW] *condensing unit* with a total line length of 75 feet [22.86 m] with a vertical separation of 30 feet [9.14 m] requires a liquid line size of 5/16" [7.94 mm].
- This chart may also be used to size horizontal runs.
Example 2: A 5 ton [17.58 kW] *condensing unit* may have a total horizontal run of 100 feet [30.48 m] if using the 3/8" [9.53 mm] liquid line. The total horizontal run if using 1/2" [12.7 mm] liquid line size will be 150 feet [45.72 m]
- Do not exceed vertical separation as indicated on the chart.
- Always use the smallest liquid line possible to minimize system charge.
- No changes required for flow-check pistons or expansion valve coils.

Suction Line Length/Size versus Capacity Multiplier							
UAPA-		024	030	036	042	049	061
Unit Suction Line Connection Size		3/4" [19.05 mm] I.D. Sweat			7/8" [22.23 mm] I.D. Sweat	1 1/8" [28.58 mm] I.D. Sweat*	
Suction Line Run—Feet [m]		5/8" [15.88 mm] O.D. Optional 3/4" [19.05 mm] O.D. Standard 7/8" [22.23 mm] O.D. Optional			3/4" [19.05 mm] O.D. Optional 7/8" [22.23 mm] O.D. Standard 1 1/8" [28.58 mm] O.D. Optional	7/8" [22.23 mm] O.D. Optional 1 1/8" [28.58 mm] O.D. Standard 1 3/8" [34.93 mm] O.D. Optional	
25' [7.62]	Optional	.98	—	—	—	.99	.99
	Standard	1.00	1.00	1.00	1.00	1.00	1.00
	Optional	1.01	1.01	1.01	1.01	1.01	1.01
50' [15.24]	Optional	.96	—	—	—	.97	.97
	Standard	.99	.99	.98	.99	1.00	.99
	Optional	1.00	1.00	1.00	1.01	1.01	1.01
100' [30.48]	Optional	.93	—	—	—	.96	.95
	Standard	.98	.97	.96	.98	.99	.99
	Optional	.99	.99	.99	1.00	1.00	1.00
150' [45.72]	Optional	—	—	—	—	.93	.93
	Standard	.97	.95	.93	.96	.99	.98
	Optional	.98	.97	.97	.99	1.00	.99

NOTES: Capacity Multiplier x Rated Capacity = Actual Capacity.
 Additional compressor oil is not required for runs up to 150 feet [45.72 m].
 Oil traps in vertical runs are not required for any height up to 125 feet [38.10 m]. See Liquid Line chart for Vertical Separation Requirements and Limitations.
 *Adapter to 1 1/8" [28.58 mm] factory supplied.

[] Designates Metric Conversions

NOTES

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

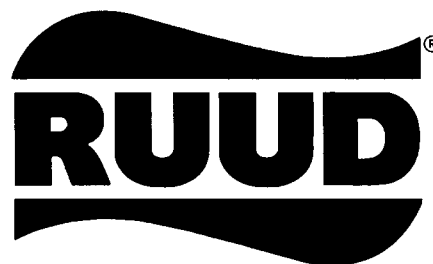
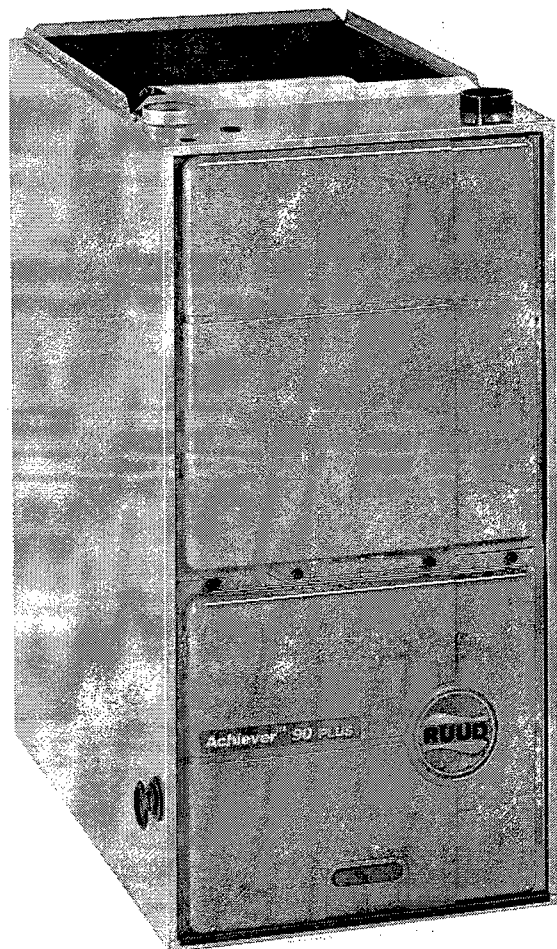
**RUUD
AIR CONDITIONING
DIVISION**

5600 Old Greenwood Road, Fort Smith, Arkansas 72908



"In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice."

GAS FURNACES



ACHIEVER® 90 PLUS® HIGH EFFICIENCY DOWNFLOW/ HORIZONTAL GAS FURNACES

The Ruud® Achiever® 90 Plus® High Efficiency line of downflow/horizontal gas furnaces are designed for utility rooms, closets, alcoves, attics or crawl spaces. The UGTA is shipped in the downflow configuration and is easily converted for horizontal **left-hand** airflow applications.

The design is certified by CSA.

Features

- Heat exchanger is constructed of all stainless steel for maximum corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" design is lighter and easier to handle and leaves room for optional accessories.
- Top electrical connections, left or right gas and condensate drainage connections on downflow models.
- Condensate drain for horizontal application provided standard.
- Integrated control board manages all operational functions and provides hookups for humidifier and electronic air cleaner.
- An insulated blower compartment, a slow-opening gas valve and a specially designed inducer system make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Molded permanent filters.
- Optional indoor or outdoor combustion air.
- Transformer and control fuse protection.
- Control board diagnostics.

A variety of cooling coils and plenums designed to use with the Achiever 90 Plus gas furnaces are available as optional accessories for air conditioning models.

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

UGTA- SERIES

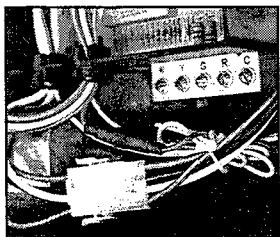
Models with Input Rates
from 45,000 to 120,000 BTU/HR
[13.19 to 35.17 kW]

(All Models 90% A.F.U.E.† or Above)

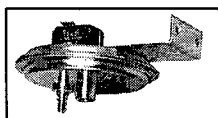




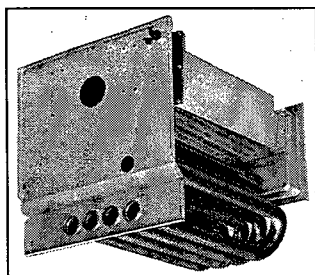
ACHIEVER 90 PLUS HIGH EFFICIENCY DOWNFLOW/HORIZONTAL GAS FURNACE



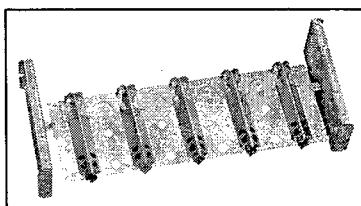
FUSE PROTECTION



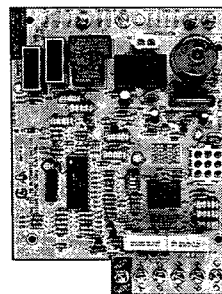
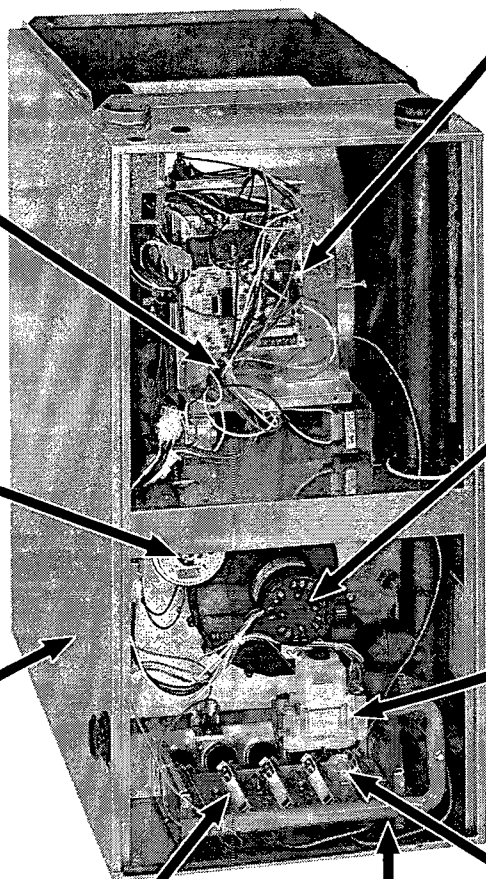
PRESSURE SWITCH



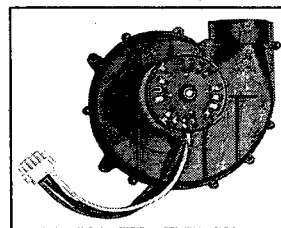
PRIMARY AND SECONDARY
HEAT EXCHANGER



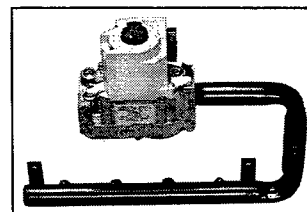
IN-SHOT BURNERS



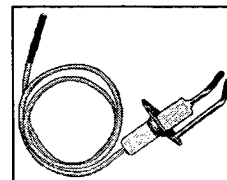
INTEGRATED
FURNACE
CONTROL



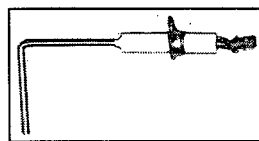
DRAFT INDUCER



GAS VALVE AND
MANIFOLD



DIRECT SPARK IGNITION



REMOTE SENSOR

STANDARD EQUIPMENT

Completely assembled and wired; heat exchanger; primary: 409 and aluminized 409 stainless steel, secondary: 29-4C stainless steel; induced draft; pressure switch; redundant main gas control; blower compartment door safety switch; solid state time on/off blower control; limit controls; manual shut-off valve; 100% safety lock out; cool fan off delay; field selectable heat fan off delay; one hour automatic retry; power and self-test diagnostics; flame sense current diagnostics; electronic air cleaner connections; twinning (built-in) features; humidifier connections; humidifier on/off delay; low speed continuous fan option; single speed option for heating and cooling applications; transformer; direct drive, multi-speed blower motor. (Please note: a thermostat is not included as standard equipment.)

OPTIONAL EQUIPMENT

NOTE: Furnace is not listed for use with fuels other than natural or L.P. (propane) gas.

All models can be converted by a qualified distributor or local service dealer to use L.P. (propane) gas without changing burners. Factory approved kits must be used to convert from natural to L.P. (propane) gas and may be ordered as optional accessories from a parts distributor.

For L.P. (propane) operation, refer to Conversion Kit Index Form.

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

PHYSICAL DATA AND SPECIFICATIONS

DOWNFLOW/HORIZONTAL MODELS U.S. and Canadian Models

MODEL NUMBERS	UTGA-04EMAES	UTGA-06EMAES	UTGA-07EMAES	UTGA-07EYBGS	UTGA-09EZAJS	UTGA-10EZAJS	UTGA-12ERAJS
INPUT-BTU/HR [kW] ①	45,000 [13.19]	60,000 [17.58]	75,000 [21.98]	75,000 [21.98]	90,000 [26.38]	105,000 [30.77]	120,000 [35.17]
HEATING CAPACITY BTU/HR [kW]	41,000 [12.02]	56,000 [16.41]	69,000 [20.22]	69,000 [20.22]	84,000 [24.62]	97,000 [28.43]	112,000 [32.82]
HIGH ALTITUDE INPUT [kW] ②	40,500 [11.87]	54,000 [15.83]	67,500 [19.78]	67,500 [19.78]	81,000 [23.74]	94,500 [27.70]	108,000 [31.65]
HIGH ALTITUDE OUTPUT CAPACITY [kW] ②	37,000 [10.84]	50,400 [14.77]	63,000 [18.46]	63,000 [18.46]	75,000 [21.98]	87,500 [25.64]	100,500 [29.45]
BLOWER (D x W) [mm]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	12 x 7 [305 x 178]	12 x 11 [305 x 279]	12 x 11 [305 x 279]	11 x 10 [279 x 254]
MOTOR H.P. [W] SPEEDS-TYPE	1/2 [373]-4-PSC	1/2 [373]-4-PSC	1/2 [373]-4-PSC	3/4 [559]-4-PSC	3/4 [559]-4-PSC	3/4 [559]-4-PSC	3/4 [559]-4-PSC
MOTOR FULL LOAD AMPS	6.8	6.8	6.8	9.5	9.5	9.5	9.5
HEATING SPEED	MED-LO	MED-LO	MED-HI	MED-LO	MED-LO	MED-LO	MED-LO
COOLING SPEED	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
HEAT EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.10 [.025]	.12 [.029]	.12 [.029]	.12 [.029]	.15 [.037]	.20 [.049]	.20 [.049]
RATED EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.50 [.124]	.50 [.124]	.50 [.124]	.50 [.124]	.50 [.124]	.50 [.124]	.50 [.124]
HEATING CFM @ .2" W.C. E.S.P. [L/s]	890 [420]	885 [418]	1060 [500]	1375 [649]	1400 [661]	1425 [673]	1565 [739]
COOLING CFM @ .5" W.C. E.S.P. [L/s]	1220 [576]	1180 [557]	1150 [543]	1625 [767]	1850 [873]	1820 [859]	2040 [963]
TEMPERATURE RISE RANGE °F [°C]	30-60 [16.7-33.3]	40-70 [22.2-38.9]	45-75 [25-41.7]	35-65 [19.4-36.1]	45-75 [25-41.7]	50-80 [27.8-44.4]	50-80 [27.8-44.4]
STANDARD FILTER [mm]	(2) 12" x 20" [305 x 508]	(2) 12" x 20" [305 x 508]	(2) 12" x 20" [305 x 508]	(2) 12" x 20" [305 x 508]	(2) 12" x 20" [305 x 508]	(2) 12" x 20" [305 x 508]	(2) 14" x 20" [356 x 508]
APPROX. SHIPPING WEIGHT (LBS.) [kg]	111	117	123	123	148	152	160
AFUE ③	92.0%	92.4%	92.0%	92.3%	92.4%	92.0%	92.1%
CALIFORNIA SEASONAL EFFICIENCY ③	84.9%	86.8%	86.4%	85.7%	86.7%	87.0%	87.4%

NOTES: All models are 115V, 60HZ, 1Ø. Gas connection size for all models is 1/2" [13 mm] N.P.T.

① See Conversion Kit Index Form for high altitude derate.

② Canadian installations only.

③ In accordance with D.O.E. test procedures.

MODEL IDENTIFICATION

U	G	T	A	—	07E	M	A	E	S
Ruud	Gas Furnace	Downflow/ Horizontal Condensing Gas Furnace	Design Series		Heating Input Designation	Blower Size	Variations	Heat/Cool Designation	Fuel Code
					Electric Ignition	M = 11 x 7 [279 x 178 mm] R = 11 x 10 [279 x 254 mm] Z = 12 x 11 [305 x 279 mm] Y = 12 x 7 [305 x 178 mm]	A = Std. B = Wide Cabinet	E = 1100-1300 CFM [519-613.5 L/s] G = 1500-1700 CFM [707.9-802.3 L/s] J = 1900-2100 CFM [896.7-991.1 L/s]	S = U.S. and Canadian Natural Gas
					Input BTU/HR				
					04E 45,000 [13 kW] 06E 60,000 [17.6 kW] 07E 75,000 [20.5 kW] 09E 90,000 [26.4 kW] 10E 105,000 [30.7 kW] 12E 120,000 [35.2 kW]				

[] Designates Metric Conversions

GENERAL TERMS OF LIMITED WARRANTY

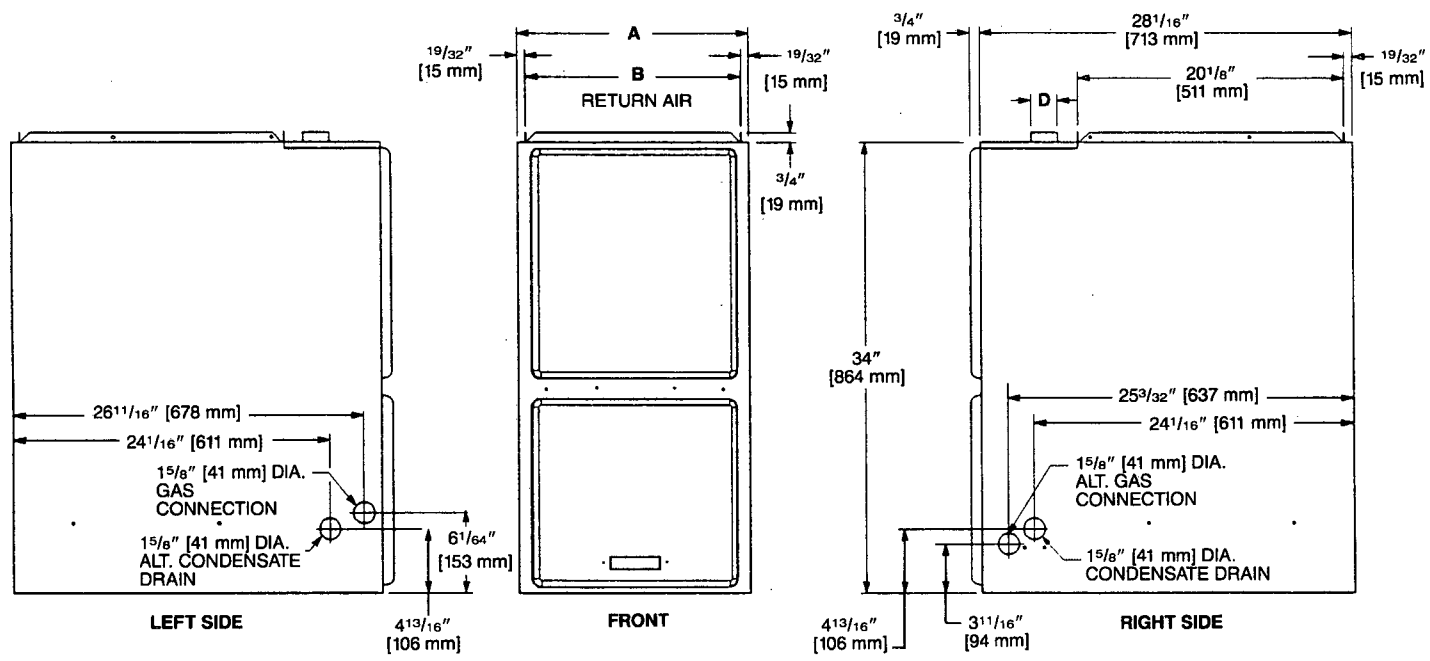
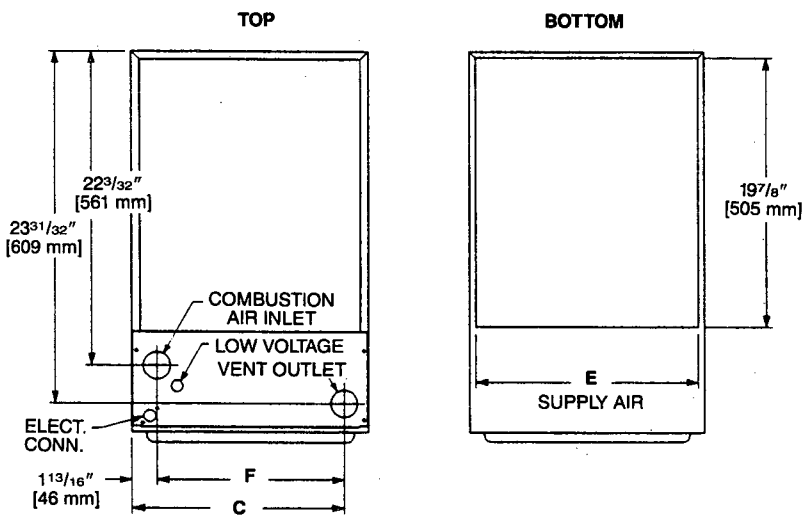
Ruud will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.

Primary and Secondary Heat Exchanger.....Limited Lifetime
*Any Other Part.....Five (5) Years

*This five year limited warranty is applicable only to single-phase products installed in residential applications on or after January 1, 2001.

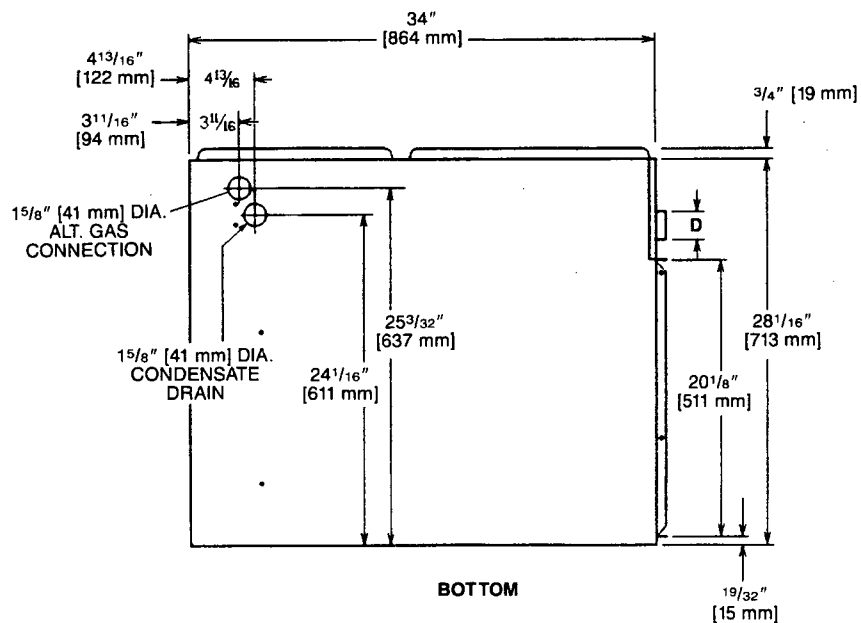
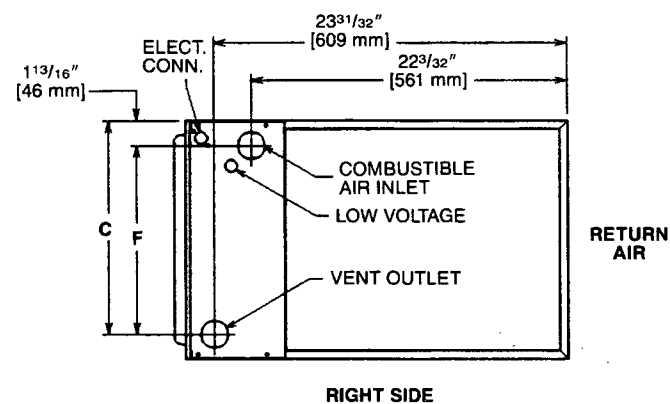
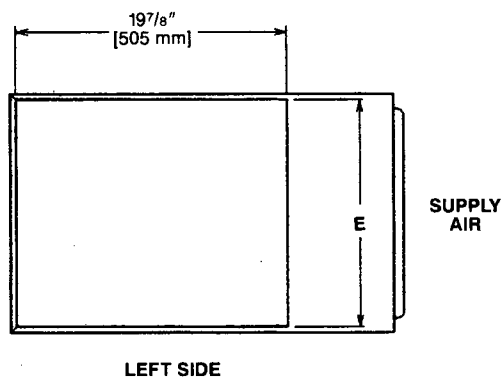
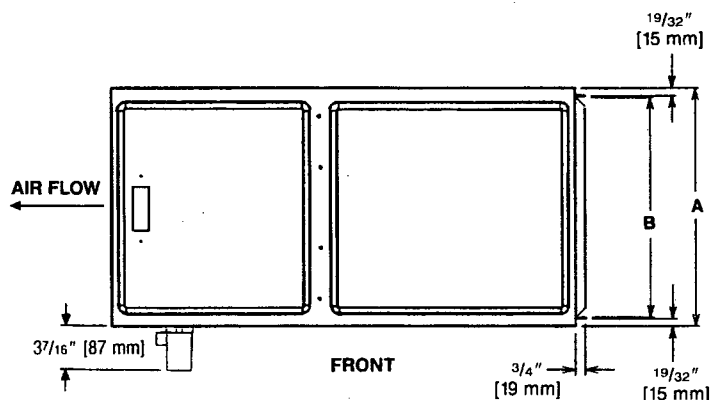
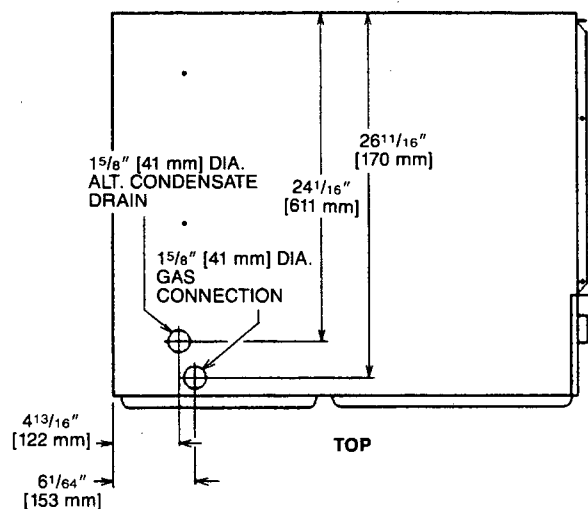
DOWNFLOW MODELS



MODEL UGTA-	A	B	C	D	E	F	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS. [kg]
								RIGHT SIDE	BACK	TOP	FRONT	VENT	
04	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	2 [51]	16 5/8 [422]	13 7/8 [352]	0	0	0	1 [25]	2 [51]	0	111 [50]
06	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	2 [51]	16 5/8 [422]	13 7/8 [352]	0	0	0	1 [25]	2 [51]	0	117 [53]
07EM	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	2 [51]	16 5/8 [422]	13 7/8 [352]	0	0	0	1 [25]	2 [51]	0	123 [56]
07EY	21 [533]	19 27/32 [504]	19 3/16 [486]	2 [51]	20 1/8 [511]	17 3/8 [441]	0	0	0	1 [25]	2 [51]	0	123 [56]
09	21 [533]	19 27/32 [504]	19 3/16 [486]	2 [51]	20 1/8 [511]	17 3/8 [441]	0	0	0	1 [25]	2 [51]	0	148 [67]
10	21 [533]	19 27/32 [504]	19 3/16 [486]	2 [51]	20 1/8 [511]	17 3/8 [441]	0	0	0	1 [25]	2 [51]	0	152 [69]
12	24 1/2 [622]	23 11/32 [593]	22 5/8 [575]	2 [51]	23 5/8 [600]	20 7/8 [530]	0	0	0	1 [25]	2 [51]	0	160 [73]

IMPORTANT NOTE: Horizontal furnace may be installed for horizontal left hand air supply **ONLY**. The condensate trap provided for horizontal application must be installed in the field beneath the unit as directed in the furnace Installation & Operating Instructions.

HORIZONTAL MODELS



IMPORTANT NOTE: Horizontal furnace may be installed for horizontal left hand air supply **ONLY**. The condensate trap provided for horizontal application must be installed in the field beneath the unit as directed in the furnace Installation & Operating Instructions.

BLOWER PERFORMANCE DATA—UGTA MODELS

MODEL UGTA-	BLOWER SIZE IN. [mm]	MOTOR H.P. [W]	BLOWER SPEED	CFM [L/s] AIR DELIVERY EXTERNAL STATIC PRESSURE INCHES WATER COLUMN [kPa]						
				0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]
04	11 x 7 [279 x 178]	1/2 [373]	LOW	820 [387]	790 [373]	760 [359]	725 [342]	690 [326]	650 [306]	610 [288]
			MED-LO	930 [439]	890 [420]	850 [401]	815 [384]	785 [370]	750 [354]	720 [340]
			MED-HI	1150 [543]	1120 [528]	1090 [514]	1045 [493]	1002 [473]	950 [448]	900 [425]
			HIGH	1414 [667]	1365 [644]	1320 [622]	1270 [599]	1220 [576]	1165 [550]	1115 [526]
06	11 x 7 [279 x 178]	1/2 [373]	LOW	795 [375]	760 [359]	730 [344]	695 [328]	660 [311]	615 [290]	570 [269]
			MED-LO	910 [429]	885 [418]	860 [406]	815 [384]	770 [363]	725 [342]	680 [321]
			MED-HI	1115 [526]	1080 [510]	1045 [493]	1005 [474]	965 [455]	920 [434]	875 [413]
			HIGH	1365 [644]	1315 [620]	1270 [600]	1225 [578]	1180 [557]	1125 [531]	1070 [505]
07EM	11 x 7 [279 x 178]	1/2 [373]	LOW	780 [368]	750 [354]	720 [339]	675 [318]	635 [300]	595 [281]	555 [262]
			MED-LO	890 [420]	860 [406]	835 [394]	790 [373]	750 [354]	705 [332]	660 [311]
			MED-HI	1100 [519]	1060 [500]	1025 [484]	980 [462]	940 [443]	890 [420]	845 [399]
			HIGH	1340 [632]	1295 [611]	1250 [590]	1200 [566]	1150 [543]	1090 [514]	1025 [484]
07EY	12 x 7 [305 x 178]	3/4 [559]	LOW	1105 [522]	1095 [517]	1080 [510]	1050 [496]	1030 [486]	1010 [477]	990 [467]
			MED-LO	1290 [609]	1275 [602]	1260 [595]	1220 [576]	1195 [564]	1170 [552]	1140 [538]
			MED-HI	1480 [698]	1435 [677]	1415 [668]	1390 [656]	1370 [647]	1300 [614]	1255 [592]
			HIGH	1705 [805]	1665 [786]	1615 [762]	1570 [741]	1540 [727]	1475 [696]	1400 [661]
09	12 x 11 [305 x 279]	3/4 [559]	LOW	1155 [545]	1125 [531]	1100 [519]	1080 [510]	1060 [500]	1000 [472]	940 [443]
			MED-LO	1420 [670]	1400 [661]	1380 [651]	1365 [644]	1350 [637]	1260 [594]	1175 [554]
			MED-HI	1605 [757]	1575 [743]	1550 [732]	1560 [736]	1570 [740]	1480 [698]	1390 [656]
			HIGH	2005 [946]	1965 [927]	1930 [910]	1890 [892]	1850 [873]	1765 [833]	1680 [793]
10	12 x 11 [305 x 279]	3/4 [559]	LOW	1180 [557]	1150 [543]	1120 [528]	1100 [519]	1080 [510]	1025 [484]	970 [458]
			MED-LO	1460 [689]	1425 [672]	1390 [656]	1375 [649]	1360 [642]	1280 [604]	1200 [566]
			MED-HI	1680 [793]	1645 [776]	1615 [762]	1585 [748]	1560 [736]	1490 [703]	1420 [670]
			HIGH	2055 [970]	2000 [944]	1940 [915]	1880 [887]	1820 [859]	1745 [823]	1675 [790]
12	11 x 10 [279 x 254]	3/4 [559]	LOW	1285 [606]	1250 [590]	1215 [573]	1235 [582]	1260 [595]	1230 [580]	1200 [566]
			MED-LO	1590 [750]	1565 [738]	1540 [727]	1505 [710]	1475 [696]	1425 [672]	1375 [649]
			MED-HI	1840 [868]	1820 [860]	1800 [850]	1750 [826]	1700 [802]	1645 [776]	1590 [750]
			HIGH	2315 [1093]	2250 [1062]	2185 [1031]	2110 [996]	2040 [963]	1965 [927]	1890 [892]

ACCESSORIES—DOWNFLOW

VENT TERMINATION KITS

CONCENTRIC: Vertical/Horizontal = RXGY-E03
Horizontal = RXGY-C01

HORIZONTAL TWO PIPE: RXGY-D02, RXGY-D03, RXGY-D04

CONDENSATE PUMP KIT: RXGY-B01

NEUTRALIZER KIT: RXGY-A01

PLENUM DATA FOR "A" COILS

Plenum adapters are required in some instances for use on downflow applications when plenum and furnace size do not match.

FURNACE WIDTH IN. [mm]	PLENUM WIDTH IN. [mm]	PLENUM ADAPTER DOWNFLOW	COIL PLENUM
17 1/2 [445]	16 1/4 [413]	RXAA-C186	RXAL-B16BU
17 1/2 [445]	20 1/4 [514]	RXAA-C173	RXAL-B20BU
17 1/2 [445]	21 5/8 [549]	RXAA-C187	RXAL-B21BU
17 1/2 [445]	25 1/4 [641]	RXAA-C174	RXAL-B25BU
21 [533]	25 1/4 [641]	RXAA-C175	RXAL-B25BU
21 [533]	22 1/4 [565]	RXAA-C176	RXAL-B22BU
21 [533]	21 5/8 [549]	RXAA-C188	RXAL-B21BU
24 1/2 [622]	25 1/4 [641]	RXAA-C177	RXAL-B25BU
24 1/2 [622]	21 5/8 [549]	RXAA-C187	RXAL-B21BU

Note: See Form Number C22-206 for MultiFlex® coil data.

[] Designates Metric Conversions

FOSSIL FUEL KIT: RXPFF-01

RXPFF-02 (TVA)

***HIGH ALTITUDE KIT:** RXGY-F04-105 MBH

RXGY-F05-120 MBH

RXGY-F06-45/60/90 MBH

RXGY-F07-75 MBH

***For installations over 5000 ft.**

Includes orifices required on furnaces 8,001 ft. and above.

OPTION CODE FOR HIGH ALTITUDE: US-278

Canada-298

COMBUSTIBLE FLOOR BASE: RXGC-B17

RXGC-B21

RXGC-B24

EXTERNAL FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]	
MODEL UGTA-	RXGF-CC
04	(2) 12 x 20 [305 x 508]
06	(2) 12 x 20 [305 x 508]
07	(2) 12 x 20 [305 x 508]
09	(2) 12 x 20 [305 x 508]
10	(2) 12 x 20 [305 x 508]
12	(2) 14 x 20 [305 x 508]

*Filter racks are shipped without filters.

Filters shipped with furnace may be used or a suitable 1" [25.4 mm] filter.

NOTES

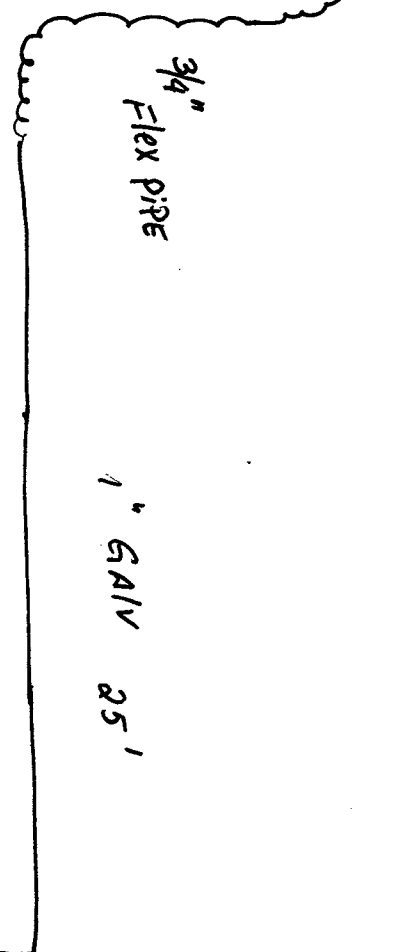
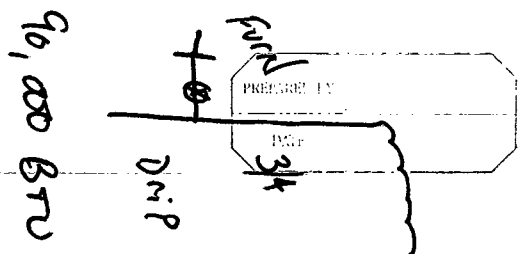
Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

**RUUD
AIR CONDITIONING
DIVISION**

5600 Old Greenwood Road, Fort Smith, Arkansas 72908



"In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice."



Lot 27 Block 827
1629 RT 88 EAST
Brice NS 08724

10-9-03
[Signature]

GAS Schematic

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

C29-77

Township of Brick

Counter Form
(PLEASE PRINT)

Change of
Contractor
10-15-03
per Tom
Wes

Site Location: 1629 RT 88 EAST
Block: 827 Lot: 27
Owner's Name: Erich Schmidt
Owner's Mailing Address: 1629 RT 88 EAST

Phone: [Redacted]

BUILDING

Contractor: _____
Address: _____
Phone#: _____
Lis # _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

Type of Work

☐ New Building ☐ Siding
☐ Addition ☐ Fence
☐ Alteration ☐ Pool
☐ Roofing ☐ Demolition
☐ Asbestos Abatement ☐ Sign _____ sq ft
☐ Fireplace wd/gas

Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: _____
Height of Structure: _____
Area of the largest floor: _____
Area of New Structure: _____
Volume of New Structure: _____
Total Land Disturbed: _____
Cost of Alteration: \$ _____
Cost of New Building: \$ _____
Cost of Site Work \$ _____

Total Cost of New Building Work: \$ _____

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

Signature: _____

Please Print Name _____

ELECTRICAL

Contractor: Crawford Elec
Address: 449 Harmony Rd
Jackson N.J 08527
Phone#: 732-928-4300
Lis #: 11325
Federal Emp # or SSN [Redacted]

Technical Data

Item	Quantity
Lighting Fixtures	_____
Receptacles	1
Switches	1
Detectors	_____
Light Poles	_____
Motors w/ Fract. HP	_____
Emergency & Exit Lights	_____
Communication Points	_____
Alarm Devices/FAC Panel	_____
Total	_____

Pool (Receptacles, Switches, Lights, Motor 1HP) _____
Spa/Hot Tub/Storable Pool _____
Electric Range _____ KW
Oven/Surface Unit _____ KW
Electric Water Heater _____ KW
Electric Dryer _____ KW
Dishwasher _____ KW
Garbage Disposal _____ HP
A/C Unit - Central Air REPLACEMENT 4 TON KW
Space Heater/Air Handler _____ KW
Baseboard Heating _____ KW
Motors 1+ HP _____
Transformer/Generator _____ KW
Light Stander _____ AMP
Service _____ AMP
Subpanel _____ AMP
Motor Control Center _____ AMP
Sign/Outline Light _____ KW
Furnace Elec. to Gas Conversion
Steam Boiler _____
Other: _____

Estimated Cost of Electrical Work: 300.00

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

Signature: Timothy Crawford

Please Print Name TIMOTHY CRAWFORD

CONTRACTOR'S SEAL

Counter Form
PLEASE PRINT

PLUMBING

Contractor: EXTREME AIR HTG & CLG LLC
Address: 215 Arrowhead Park Dr
Brick NJ 08724
Phone #: 732-803-6087
Lis #: _____
Federal Emp # or SSN 55-0796374

Technical Data

Fixtures	Quantity
Water Closets (Toilet)	_____
Urinals/Bidets	_____
Bath Tub (w/or w/out shower head)	_____
Lavatory (BR Sink)	_____
Shower	_____
Floor Drain	_____
Sink	_____
Dishwasher	_____
Drinking Fountain	_____
Washing Machine	_____
Hose Bib	_____
Gas Piping <u>For 90,000 BTU Furn</u>	_____
Fuel Oil Piping	_____
Water Heater	_____
Steam Boiler	_____
Hot Water Boiler	_____
Sewer Pump	_____
Interceptor/Separator	_____
Backflow Preventer	_____
Greasetrap	_____
Air Conditioner (Condensate Drain) <u>DRAIN TO PUMP</u>	_____
Septic Tank Closure	_____
Sewer Service Connection	_____
Water Service Connection	_____
Active Solar System	_____
Auxiliary Meter	_____
Sprinkler Heads	_____
Sump Pump	_____
Pool Heater	_____
Other:	_____

Estimated Cost of Plumbing Work 325⁰⁰/hr

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

Signature: _____

Please Print Name: John J Bookert

CONTRACTOR'S SEAL

FIRE

Contractor: EXTREME AIR HTG & CLG LLC
Address: 215 Arrowhead Park Dr
Brick NJ 08724
Phone #: 732-803-6087
Lis #: _____
Federal Emp # or SSN 55-0796374

Technical Data

Description of Work:

Heating Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar
Heating System is ☐ New ☒ Existing
Location of Furnace/Boiler: 1st FLOOR STAIRWELL CLOSET
Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

	capacity	fuel
Flammable Storage Tanks	_____	_____
Combustible Storage Tanks	_____	_____
LPG Storage Tanks	_____	_____

Item	Quantity
Wet Sprinkler Heads	_____
Dry Sprinkler Heads	_____
Total	_____

Smoke Detectors _____
Heat Detectors _____
Total _____

Stand Pipes _____
Kitchen Hood Exhaust System _____

Pre-Engineered Systems:
CO2 Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____

Gas/ Oil Fired Appliances:
Gas Stove _____
Gas Dryer _____
Furnace (Gas or Oil) 1 90,000 BTU
Gas Fireplace _____
Gas Logs _____
Total Appliances _____

Wood Burning Stove _____
Wood Fireplace _____
Other: _____

Estimated Cost of Fire Work 200⁰⁰/hr

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

Signature: _____

Print Name: John J Bookert

National Electrical Code
Plan Review Record
Township of Brick

resubmit
after
p/g

Date: 10-1-03

Site Address: 1629 RT. 88 EAST

Reviewed By: Tom

CORRECTION LIST

No.

Description

NEED LICENSED ELECTRICAL CONTRACTOR

SWITCH FROM ELECTRICAL TO GAS

EXTREME AIR HEATING CALLED

803-5992

803-6087

Party Called and Phone #: _____

Resubmitted on: _____ By: _____