

BLOCK 79.05 LOT 5 QUALIFICATION CODE 35736 ADDRESS (SITE) _____ PERMIT NO. _____



CONSTRUCTION PERMIT APPLICATION

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

I. IDENTIFICATION

1. Proposed Work Site at: 8 Annie Dr.
 2. Name of Owner in Fee: Anne Hartman Tel. [REDACTED]
 Address 8 Annie Dr. Howell, NJ 07731
street municipality zip code
 3. Ownership in Fee: Public _____ Private _____
 4. Principal Contractor: Royal Aie Tel. (732) 409-3322
 Address 1735 Route 9 North Howell, NJ 07731
 License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
 Federal Employee No. _____ FAX: (____) _____
 5. Architect or Engineer _____ Tel. (____) _____
 Address _____ Contact _____
 6. Responsible Person in Charge once Work has Begun Ed Darwish
 Tel. (732) 409-3322 FAX: (732) 409-3424

V. FEE SUMMARY (for office use only)

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

VI. BUILDING/SITE CHARACTERISTICS

		(office use only)
1. Number of Stories		
2. Height of Structure	ft.	
3. Area — Largest Floor	sq. ft.	
4. New Building Area	sq. ft.	
5. Volume of New Structure	cu. ft.	
6. Construction Classification		
7. Total Land Area Disturbed	sq. ft.	
8. Flood Hazard Zone		
9. Base Flood Elevation	ft.	
10. Wetlands	yes _____ no _____	
11. Max. Live Load		
12. Max. Occupancy Load		

OPTIONAL (for office use only)

II. PROPOSED WORK	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
1. ☐ Minor Work									
2. ☐ New Building									
3. ☐ Addition									
4. ☐ a. Repair									
☐ b. Alteration									
☐ c. Renovation									
☐ d. Reconstruction									
5. ☐ Fire Protection									
6. ☒ Plumbing	<u>700</u>				<u>9/21/05</u>	<u>[Signature]</u>			
7. ☒ Electrical					<u>9/20/05</u>	<u>[Signature]</u>			
8. ☐ Elevator Devices									
9. ☐ Asbestos Abat. Subch. 8									
10. ☐ Lead Hazard Abatement									
11. ☐ Demolition									
TOTAL COSTS									

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. State Specific Use:
 2. Use Group:
 3. Change in Use Group, Indicate Former:
 4. No. of dwelling units: All Units Income-restricted
 Before Construction _____
 After Construction _____
 Net Gain or Loss _____

B. NON-RESIDENTIAL

1. State Specific Use:
 2. Use Group:
 3. Change in Use Group, Indicate Former:

III. DO YOU WANT: (optional)

- ☐ Partial Releases
- ☐ Prototype Processing

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

- ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
- ☐ High Pressure Boilers
- ☐ Pressure Vessels
- ☐ Refrigeration Systems
- ☐ Cross-Connections/Backflow Preventers
- ☐ Hazardous Uses/Places of Assembly
- ☐ Sprinklers
- ☐ Smoke Control Systems in Open Wells
- ☐ Underground Storage Tanks
- ☐ Swimming Pools, Spas and Hot Tubs

CERTIFICATION IN LIEU OF OATH

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

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

Mark the following applicable boxes:

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

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

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

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

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

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

I further certify that I will perform the following work:

C.3. ☒ Electrical C.4. ☒ Plumbing

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

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

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

Signature _____

Date

9/19/05

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

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

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

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

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

☒ Check if contractor.

Agent Name

Royal Air-

Address

1735 Rt 9 North
Howell, NJ

Telephone

(732) 409-3322

Signature _____

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

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer			X	X	X	X	X	X	
☐ Planning Board			X	X	X	X	X	X	
☐ Zoning Board			X	X	X	X	X	X	
☐ Sewer Authority			X	X	X	X	X	X	
☐ Water Authority			X	X	X	X	X	X	
☐ Police Department			X	X	X	X	X	X	
☐ Health Department			X	X	X	X	X	X	
☐ Soil Conservation			X	X	X	X	X	X	
☐ N.J. Department of Community Affairs			X	X	X	X	X	X	
☐ N.J. Department of Transportation			X	X	X	X	X	X	
☐ N.J. Department of Environmental Protection			X	X	X	X	X	X	
☐ Utility Dig No.			X	X	X	X	X	X	
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)	
Name of Code & Edition	Name of Code & Edition
Building _____	Energy _____
Electrical _____	Barrier Free _____
Plumbing _____	Flood Hazard _____
Fire Protection _____	As Built Elevation Cert. _____
Mechanical _____	Other _____

X. CERTIFICATES ISSUED (office use only)	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____	_____	_____
☐ Temporary Certificate of Compliance	No. _____	_____	_____	_____
☐ Continued Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Compliance	No. _____	_____	_____	_____
☐ Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Approval	No. _____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	No. _____	_____	_____	_____



HOWELL TOWNSHIP
251 PREVENTORIUM ROAD
HOWELL NJ 07731
732-938-4500

CERTIFICATE

Date Issued: 09/13/2006

Control #: 35736

Permit #: 20052890

IDENTIFICATION

Block: 79.05 Lot: 5 Qualification Code:
Work Site Location: 8 ANNIE DRIVE
HOWELL

Home Warranty No:

Type of Warranty Plan: [] State [] Private

Use Group: R-5

Owner in Fee: HARTMAN, ANNE M.

Maximum Live Load:

Address: 8 ANNIE DRIVE

Construction Classification:

HOWELL NJ 07731

Maximum Occupancy Load:

Telephone:

Certificate Exp Date:

Agent/Contractor: ROYAL AIR HEATING & COOLING

Description of Work/Use:

Address: 1735 ROUTE 9 NORTH

HOWELL NJ 07731

Telephone: 732 409-3322

REPLACE FURNACE AND A/C

Lic. No./ Bldrs. Reg.No.: _____

Federal Emp. No.: _____

Social Security No.: _____

[] CERTIFICATE OF OCCUPANCY

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

[] CERTIFICATE OF CLEARANCE-LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:

[X] CERTIFICATE OF APPROVAL

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

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

[] CERTIFICATE OF CONTINUED OCCUPANCY

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

[] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than, or will be subject to fine or order to vacate:

[] CERTIFICATE OF COMPLIANCE

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

Chel Phillips 9/14/06
Chel Phillips Construction Official

Fees \$0.00

Paid/ X Check No. 3717

Collected by: MH



CONSTRUCTION PERMIT

Date Issued

Permit #

35736

20052890

IDENTIFICATION Block

79.05

Lot

5

Qualification Code

Work Site Location

8 Annie Dr.

Contractor

Royal A112

Address

1735 Rt. 9 North
Howell, NJ 07731

Owner in Fee

Annie Hartman

Address

8 Annie Dr.
Howell, NJ 07731

Tel.

(732) 409-3322

Lic. No. or Bldrs. Reg. No.

Tel.

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:

Furnace + A/C

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

\$ ~~2000~~ 1900

Construction Official

Date

10-11-05

PAYMENTS (Office Use Only)

Building

Electrical

Plumbing

Fire Protection

Elevator Devices

Other

DCA State Permit Fee

Cert. of Occupancy

Other

Total

Check No.

Cash

Collected by

46

46

82

3

177

3717

(see reverse side)

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 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 given.

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

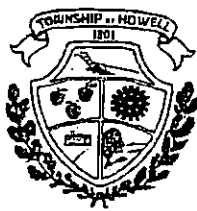
1. The bottom of footing trenches before placement of footings, except that in the case of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. Utility services, including septic.
4. 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.

☐ 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.



HOWELL TOWNSHIP
251 PREVENTORIUM ROAD
HOWELL, NJ 07731
732 - 938-4500

Permit Number: 20052890
Permit Date: 10/11/2005
Update Number:
Control Number: 35736
Application Date: 09/20/2005

CONSTRUCTION PERMIT

IDENTIFICATION

Block : 79.05	Lot : 5	Qualification Code:	
Work Site Location:	8 ANNIE DRIVE HOWELL		Contractor: ROYAL AIR HEATING & COOLING
Owner In Fee:	HARTMAN, ANNE M.		Address: 1735 ROUTE 9 NORTH
Address:	8 ANNIE DRIVE		HOWELL NJ 07731
	HOWELL NJ 07731		Telephone: (732) - 409-3322
Telephone: () -			Lic. No. / Bldrs. Reg. No.:
Use Group(s): R-5			Federal Emp. No.:

is hereby granted permission to perform the following work :

- | | | |
|--|---|-------------------------------------|
| ☐ BUILDING | ☒ PLUMBING | ☐ DEMOLITION |
| ☒ ELECTRICAL | ☒ FIRE PROTECTION | ☐ OTHER |
| ☐ ELEVATOR DEVICES | ☐ MECHANICAL | |
| ☐ ASBESTOS ABATEMENT | ☐ LEAD HAZARD ABATEMENT | |

(Subchapter 8 only)

DESCRIPTION OF WORK:

REPLACE FURNACE AND A/C

ESTIMATED COST OF WORK:

Cost of Construction:	0.00
Cost of Rehabilitation:	1,900.00
Cost of Demolition:	0.00

Total Cost:	\$1,900.00
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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.

Chet Phillips

Construction Official

Date

PAYMENTS (Office Use Only)

Building	
Electrical	\$46.00
Plumbing	\$46.00
Fire Protection	\$82.00
Elevator Devices	
Mechanical	
VolFee (DCA)	
AltFee (DCA)	\$3.00
Other Fees	
CO Fee	
CCO Fee	
Minimum Fee	
Total	\$177.00
All Fees Waived:	No

Amount to be Paid: \$177.00

Check Number: 3717

Check amount: \$177.00

Collected by: MH

Receipt No:

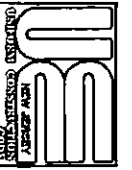
Total Cash Amount

Total Check Amount \$177.00

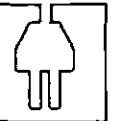
Total CC Amount

Grand Total \$177.00

Note: FIELD COPY MUST BE ON SITE AT ALL TIMES WHEN INSPECTORS COME TO INSPECT!!!!



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 79.05 Lot 5 Qualification Code _____

Work Site Location 8 Annie Dr.

Owner in Fee Annie Hartman

Address 8 Annie Dr.

Howell NJ 07731

Tel 201 441 8417

Contractor JOHN PINKLIN

Address 1253 NEWBERRY RD

AVAIL 805 87719

Tel 808 270 8417 FAX ()

Contractor License No. 11266

Federal Emp. No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

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

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 6000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

Date _____ Initial _____

☒ No Plans Required

Joint Plan Review Required:

[] Building [] Plumbing

[] Fire [] Elevator

[] Elec. Plans Approved

Date: 9/20/05

Approved by: [Signature]

Barrier-Free

Service

Final

Barrier-Free

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

Annual Pool Inspection

Date of Grounding and Bonding Certification

18 CA

10-27-05

10-27-05

10-27-05

10-27-05

10-27-05

10-27-05

10-27-05

10-27-05

10-27-05

C. CERTIFICATION IN LIEU OF OATH

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.

Applicant's Signature/Contractor's Seal and Signature

Applicant's Signature/Contractor's Seal and Signature

Applicant's Signature/Contractor's Seal and Signature

Applicant's Signature/Contractor's Seal and Signature

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

Gas Furnace

1

1

1

1

1

1

1

1

Date Received

Control #

Date Issued

Permit #

10-11-05

35736

2005.890

2005.890

FEE (Office Use Only)

\$

46

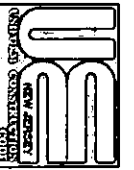
Administrative Surcharge \$

Minimum Fee \$

State Permit Surcharge Fee \$

TOTAL FEE \$

47



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 79.05 Lot 5 Qualification Code _____

Work Site Location 8 Annie Dr.

Owner in Fee Annie Hartman
Address 8 Annie Dr.

Howell NJ 07731

Contractor JOHN ANKILIN

Address 1257 N. E. B. RD

US 07719

Tel (908-770-8417) FAX (_____)

Contractor License No. 11266

Federal Emp. No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

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

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 6000

JOB SUMMARY (Office Use Only)

PLAN REVIEW Date Initial

☒ No Plans Required

Joint Plan Review Required:

[] Building [] Plumbing

[] Fire [] Elevator

[] Elec Plans Approved

Date: 9/20/05

Approved by: [Signature]

Other _____

Service _____

Final _____

Barrier-Free _____

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

Annual Pool Inspection _____

Date of Grounding and Bonding Certification _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the duly qualified contractor of record and am authorized to make this application and permit of this application.

Applicant's Signature _____ and Signature _____

Witnessed Elec. Contractor [] Licensed Landscape Irrigation Contr [] Exempt Applicant

D. TECHNICAL SITE DATA

QTY. SIZE ITEMS

Lighting Fixtures _____

Receptacles _____

Switches _____

Detectors _____

Light Poles _____

Motors—Frac. 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 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 _____

1 605 Finance

Date Received _____
Control # _____
Date Issued _____
Permit # _____

10-11-05
35736
1005890

FEE (Office Use Only)

\$ _____

46

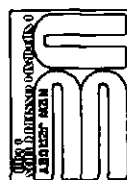
Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ 47

Township of Howell
Preventorium Road - P.O. Box 580
Howell, New Jersey 07731



**FIRE
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 79.05 Lot 5
Work Site Location 8 Annie Dr.

Owner in Fee Anne Hartman
Address 8 Annie Dr. 07731

Contractor Royal H.R.
Address 1730 Route 9 North

Howell NJ 07731
Tel. (732) 469-3322 Fax ()

Lic. No.
Federal Emp. No.

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed
Constr. Class Present Proposed
Heating Systems ☐ New ☐ Existing ☐ HVAC
Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar
☐ Other
Location:
Total Cost of Fire Protection Work \$ 600

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS	
Items Required	Type	Failure	Dates (Month/Day)
Joint Plan Review Required:			
☒ Building	Alarm System		
☒ Electric	Suppression Sys.		
☒ Elevator	Standpipe		
☒ Fire Dept. Approved	Fire Pump		
Date: <u>9/20/05</u>	Pre-Eng. System		
Approved by: <u>[Signature]</u>	Mechanical		
SUBCODE APPROVAL	Smoke Control		
☒ CO			
☒ CA			
Date: <u>10/27/05</u>			
Approved by: <u>[Signature]</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.

Signature [Signature]



Date Received
Date Issued
Control #
Permit #

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Gas Furnace Replacement.
Water Supply Source
Method of Alarm/Suppression System Supervision

Storage Tanks

Type: ☐ Flammable Liquid ☐ Combustible Liquid
☐ LPG ☐ LNG Capacity Fuel

Alarm Systems ☐ 110V interconnected ☐ System **NUMBER**

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

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

Signaling Devices (i.e., horns/strobes/bells)

Other Devices

TOTAL

Suppression Systems

Fire Pump GPM Type

Dry Pipe/Alarm Valves

Pre-action Valves

Sprinkler Heads (Dry and Wet)

Standpipes

Pre-engineered Systems

Wet Chemical

Dry Chemical

CO₂ Suppression

Foam Suppression

Halon Suppression

Other Gas Furnace

Kitchen Hood Exhaust System

Smoke Control System

Gas ☒ or Oil ☐ Fired Appliances

Other

FEE (Office Use Only)

36.00

46.00

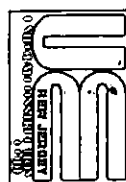
Administrative Surcharge \$

Minimum Fee \$

DCA Training Fee \$

TOTAL FEE \$

Township of Howell
Preventorium Road - P.O. Box 580
Howell, NJ 07731



FIRE 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 79.05

Lot 5

Work Site Location 8 Annie Dr.

Owner in Fee Annie Hartman
Address 8 Annie Dr.

Howell NJ 07731

Contractor Royal Fire

Address 1750 Route 9 North

Howell NJ 07731

Tele. (732) 469-3322 Fax ()

Lic. No. _____

Federal Emp. No. _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group	Present	Proposed	Fire Alarm System
Const. Class	Present	Proposed	New ☐ Existing ☐
Heating Systems	☐ New ☐ Existing ☐	HVAC	Location of Panel: _____
Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar		Fire Suppression/Standpipe System	New ☐ Existing ☐
☐ Other _____		Location of Main Control Valve: _____	

Total Cost of Fire Protection Work \$ 600

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS			
Items Required	Type:	Alarm System	Failure	Dates (Month/Day)	Initial
Joint Plan Review Required:		Suppression Sys.			
☐ Building ☐ Plumbing		Standpipe			
☐ Electric ☐ Elevator		Fire Pump			
Date: <u>4/20/05</u>		Pre-Eng. System			
Approved by: <u>[Signature]</u>		Mechanical			
SUBCODE APPROVAL		Smoke Control			
☐ CO ☐ TCO ☐ CA		TCO			
Date: _____		Final			
Approved by: _____		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.

Signature [Signature]



Date Received _____
Date Issued _____
Control # _____
Permit # _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Gas Furnace Replacements.
Water Supply Source _____
Method of Alarm/Suppression System Supervision _____

Storage Tanks

Type: ☐ Flammable Liquid ☐ Combustible Liquid
☐ LPG ☐ LNG Capacity _____ Fuel _____
Alarm Systems ☐ 110v Interconnected ☐ System NUMBER _____

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

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

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

Other Devices See Detail _____

TOTAL _____

Suppression Systems

Fire Pump _____ GPM Type _____

Dry Pipe/Alarm Valves _____

Pre-action Valves _____

Sprinkler Heads (Dry and Wet) _____

Standpipes _____

Pre-engineered Systems _____

Wet Chemical _____

Dry Chemical _____

CO₂ Suppression _____

Foam Suppression _____

Halon Suppression _____

Other Gas Line _____

Kitchen Hood Exhaust System _____

Smoke Control System _____

Gas ☒ or Oil ☐ Fired Appliances _____

Other _____

FEE (Office Use Only)

36.00

44.00

Administrative Surcharge \$ _____

Minimum Fee \$ _____

DCA Training 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 79.05 Lot 5 Qualification Code _____
Work Site Location 8 Anne Dr.

Owner in Fee Anne Hartman
Address 8 Anne Dr.
House 1, NJ 07731

Contractor Royal Air
Address 1735 Route 208cm
House 1, NJ 07731
Tel (732) 409-3322 FAX (_____) _____

Contractor License No. _____
Federal Emp. No. _____

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 \$ 700

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS			
☒ No Plans Required	Joint Plan Review Required:	Type:	Dates (Month/Day)		
			Failure	Approval	Initial
☐ Building	☐ Electric	Slab			
☐ Fire	☐ Elevator	Rough			
☐ Plumbing Plans Approved		Water			
Date: <u>9/21/05</u>		Sewer			
Approved by: <u>Allen Hartsel - R</u>		Fixtures			
		Gas Equipment			
SUBCODE APPROVAL		Gas Piping			
☒ CO	☐ CCO	LP Gas Tank			
Date: <u>10/28/05</u>	☐ CA	Fuel Oil Piping			
Approved by: <u>Allen Hartsel</u>		Solar			
		TCO			

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.

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 - existing.

LP Gas Tank

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor/Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other Condensation

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

Other _____

C.O. Detector: YES

Administrative Surcharge	\$	_____
Minimum Fee	\$	44
State Permit Surcharge Fee	\$	1
TOTAL FEE	\$	47

FEE (Office Use Only)

\$

Date Received 10-11-05
Control # 35136
Date Issued 10052890
Permit # _____



Date Received	3/3/73
Control #	
Date Issued	2005-2890
Permit #	

Existential Quantification	Exemplar Application
$\exists x (P(x) \wedge Q(x))$ There exists an x such that $P(x)$ and $Q(x)$ are true.	$\exists x (x > 0 \wedge x < 10)$ There exists a number x such that x is greater than 0 and less than 10.

Administrative Surcharge	\$	46
Minimum Fee	\$	1
State Permit Surcharge Fee	\$	
TOTAL FEE	\$	47

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D[®]

**ACHIEVER[®] 90 PLUS[®]
GAS FURNACE**



**SETTING
THE
STANDARD
FOR
RELIABILITY
AND
QUIET
OPERATION.**

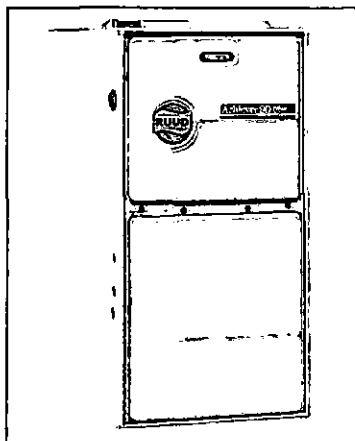


ACHIEVER 90 PLUS GAS FURNACE

A Century Of Reliability

It's been well over 100 years since a Norwegian mechanical engineer named Edwin Ruud came to the Americas and developed the first successful automatic water heater. But being the first wasn't enough. From the very beginning we concentrated on building a reputation for quality and reliability. Then, in the 1950's we expanded our product line and went into the heating and air conditioning field. Today the Ruud Air Conditioning Division is one of the world's largest manufacturers of heating and cooling products.

As proud as we are of our heritage, we've never rested on it. We realized long ago that our reputation wasn't something that we were given, it was something we had to earn; and earn constantly. Today, computers, electronics and sophisticated equipment have become the "tools of our trade." But people—not machines—make and keep promises; and customers have always known they could rely on us to deliver what we promised. That commitment has never changed and it never will.



THE CASE FOR DIFFERENCES

With furnaces, the ultimate difference comes down to one thing: Reliability. And with Ruud's Achiever 90 Plus line of furnaces, reliability takes on a whole new meaning.



OVER 200 HOMEOWNERS PUT THE 90 PLUS TO THE "REAL TEST"

No tests have ever pushed any Ruud product further than those devised for our Achiever 90 Plus furnaces. And never have the demands for performance been so exhaustive.

Subjecting furnaces to laboratory tests and all sorts of in-plant evaluations and quality control checks are vital elements of our product development process. But nothing takes the place of actual in-home testing.

Achiever 90 Plus furnaces were installed in over 200 locations all across the U. S. and Canada. North Pole, AK, Cheyenne, WY, Leadville, CO and Chicago, IL were among those sites, because of their reputation for extremes of cold, wind, altitude and humidity — conditions that have the greatest affect on furnace performance.

Through a scientific study of each furnace size, a list of potential failure modes (everything that could possibly go wrong) was made, along with the cause, results, probability and severity of each. Then we determined how to eliminate those chances of failure from reaching you, the homeowner.

The heat exchanger is the most crucial component of any gas furnace. We put the heat exchangers of all 12 Achiever 90 Plus models through testing twice as stringent as industry requirements dictate. These rigorous tests were diagnosed to ensure a longer life for this critical component.



N A C E Reliability. The Ruud Difference.

THE INSIDE STORY

TECHNICAL SIDE

For homeowners who are interested in the technical aspects of a high-efficiency furnace, the Achiever 90 Plus gas furnace incorporates numerous new, as well as time-tested features, materials and innovative ideas.

■ INTEGRATED FURNACE CONTROL



A solid-state integrated furnace control is the "brains" of the Achiever 90 Plus furnace. Once it receives a call for heat from the thermostat, the integrated furnace control initiates and manages a sequence of events that culminates in the efficient heating of your home. A great feature of the integrated furnace control is an additional speed tap setting, that when selected, can automatically choose the most efficient blower speed when continuous air circulation is desired in the home.

■ DRAFT INDUCER



When the integrated furnace control receives a call for heat, it activates the draft inducer motor. This draft inducer, which was specially designed for the Achiever 90 Plus furnace, quietly provides air for combustion while simultaneously venting outdoors the products of combustion from the furnace heat exchanger.

■ DIRECT SPARK IGNITION & REMOTE SENSOR



Once the integrated furnace control acknowledges the operation of the draft inducer, the direct spark ignition takes place. The direct spark ignitor is an efficient method of gas ignition. After ignition, the remote sensor rod continuously monitors and proves the existence of a flame.

■ GAS VALVE AND MANIFOLD



With the call for ignition, the integrated furnace control then opens the gas valve. The redundant gas valve is a 24 volt slow-opening valve that delivers gas in a regulated flow to the in-shot burners.

■ IN-SHOT BURNERS



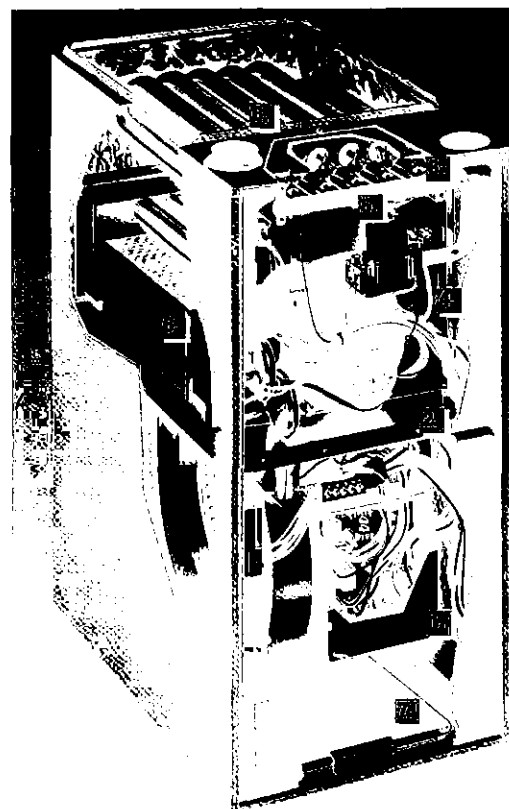
The natural (or optional LP) gas is ignited by the direct spark ignition at the in-shot burners. The in-shot burner's shutter free design requires no adjustments to regulate the air/gas mixture.

■ PRIMARY AND SECONDARY HEAT EXCHANGER



Heat transfer occurs when the multi-speed direct drive blower forces cooler air from inside the home over the furnace heat exchanger extracting heat from the hot combustion gases and redistributing the warmer air back into the living space. Hot combustion gases are generated initially inside the primary heat exchanger. This component's unique and proven design, which is made of stainless steel, is the first step toward delivering heat quickly and evenly.

The secondary heat exchanger, made of stainless steel, provides the next stage of the heat transfer process. After warm gases pass through the primary heat exchanger, the secondary heat exchanger extracts additional heat, which would be lost by less efficient furnaces. This process satisfies the thermostat's call for heat and is repeated as needed, bringing years of reliable, efficient comfort to your home.



THE ECONOMICS SIDE

Saving money is something everyone is looking for these days. As detailed on the back page of this brochure, your Achiever 90 Plus' high-efficiency performance can start saving you money on your gas bill the first day of cool weather. In fact, it won't be long before your new Achiever 90 Plus pays for itself.

THE PRACTICAL SIDE

Once you realize how many major innovations have been packed into the Achiever 90 Plus, you might think we didn't have time to pay much attention to the little details. Nothing could be further from the truth.

■ Changing your filter regularly is important. Old dirt clogged filters are a major cause of furnace inefficiency and component strain. We've changed all that by making the permanent washable filter, which is provided with every Achiever 90 Plus gas furnace, easy to access, clean and replace. The filter is located behind the blower/filter access door. The blower/filter access door is held in place by two easy-to-turn thumb screws. The clip holding the filter in place simply flips up and the filter slides easily out. After cleaning with a mild soap and water, slide the filter back into place and replace the door. Never having to buy another disposable filter may not seem like a big savings, but you may be surprised. It is one example of how we're always thinking. More importantly, the air that enters your home will be of a higher quality and will prolong your heating product's life.

SAVINGS CHART

YEAR	500 HLH	1000 HLH	1500 HLH	2000 HLH	2500 HLH	3000 HLH	3500 HLH
1	41	82	122	163	204	242	296
2	82	169	244	326	408	484	592
3	123	246	366	489	612	726	888
4	164	328	488	652	816	968	1184
5	205	410	610	815	1020	1210	1480

92.5% A.F.U.E. vs 78% A.F.U.E. Gas Furnace

Gas Rate = \$.6054/Therm

Design Heating Requirement @ 70,000 BTU/HR

Savings Figures are Cumulative and Do Not Allow for
Inflation. Actual Savings May Vary Due to Lifestyle,
Weather, and Other Factors.

WHY HIGH EFFICIENCY GAS FURNACES?

Furnaces that are seven to ten years old and older may have an Annual Fuel Utilization Efficiency rating (A.F.U.E.) of 65% or less. That means they only generate about \$.65 worth of heat for every dollar's worth of gas.

Since 1992, a federal regulation has required all gas furnaces to provide an A.F.U.E. of at least 78%; and today, many furnaces are rated 90% or higher. The economic benefits are obvious without even considering rising fuel prices. Winter home heating bills can be reduced substantially with the purchase of a Ruud high efficiency gas furnace.

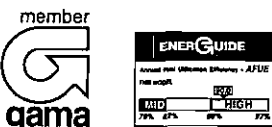
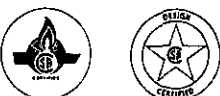
When you replace your furnace, you're replacing a vital part of your entire central heating and air conditioning system. The accompanying chart shows potential savings you can expect from a Ruud Achiever 90 Plus furnace versus a 78% A.F.U.E. gas furnace.

PAYBACK CALCULATIONS

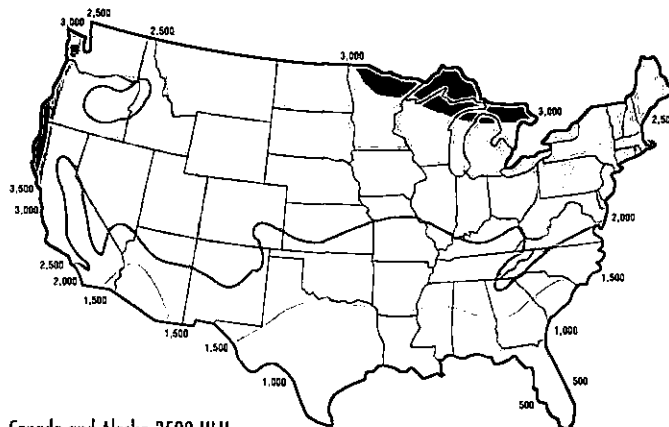
Depending on where you live, your Ruud dealer will be happy to assist you in making payback calculations. Factors such as where you live, local gas rates, home size and your specific comfort needs play a vital part in selecting the right gas furnace for you. The following formula may be used to help you determine an approximate payback period comparing two models of different efficiency levels.

FORMULA

$$\frac{\text{Difference in Cost Between Model 1 and Model 2} = \text{Payback}}{\text{Difference in Yearly Operating Costs Between Model 1 and Model 2} \times \text{Period}}$$



REGIONAL WINTER HEATING LOAD HOURS



Canada and Alaska 3500 HLH

LIMITED WARRANTY INFORMATION

The Ruud Achiever 90 Plus gas furnace was developed with reliability in mind. The primary and secondary heat exchangers carry a limited lifetime warranty. All other parts have a limited warranty of five years.



EXTEND YOUR COVERAGE WITH A PROTECTION PLUS™ SERVICE CONTRACT

Ask your Ruud dealer about the availability in your area of our exclusive Protection Plus™ service contract program. When the manufacturer's limited warranty ends, Protection Plus begins, giving you protection beyond the manufacturer's limited warranty and further peace of mind.



There are a variety of Protection Plus plans to choose from. Ask your dealer about them. For all other non-pricing information please call 1-877-276-4294 or visit their web site at www.protectiononline.com.

CONSUMER FINANCING PLANS TO FIT EVERY BUDGET

Participating Ruud dealers provide very attractive financing plans that can make your new Achiever 90 Plus gas furnace even more affordable. Just ask your Ruud dealer about Kwik Comfort™ Financing.



UTILITY REBATES

When purchasing a new Achiever 90 Plus gas furnace, be sure to contact your local gas utility to see if you qualify for their rebate programs.



Ruud Air Conditioning Division

5600 Old Greenwood Road • Fort Smith, AR 72908

1-800-848-RUUD

Visit our web site at <http://www.ruudac.com>

Ruud also manufactures residential and commercial water heater products.

Printed in the U.S.A. DC 4/04 Form No. M22-6004 Rev. 1

RUUD Air Conditioning Solutions

There are
some things

in life

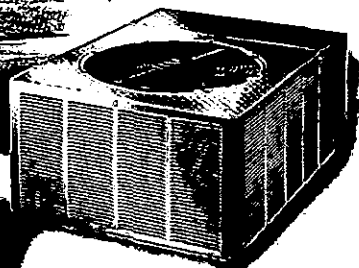
you can always

rely on.

Ruud is one of them.

ACHIEVER[®]
Series

Featuring models with up
to 16.35 SEER rating



Rely On
RUUD[™]

Ruud Achiever[®] air conditioning solutions. The state of

Achieving Greater Energy Savings

With ratings up to 16.35 SEER, the Ruud Achiever Series is among the most efficient in the world.

SEER is the acronym for Seasonal Energy Efficiency Ratio, a measurement standard created by the U.S. Department of Energy. The higher the SEER number, the greater the efficiency and energy savings.

Ruud Achiever air conditioners have also earned the Energy Star[®] label, signifying that they meet the strict energy efficiency guidelines of the U.S. Environmental Protection Agency.

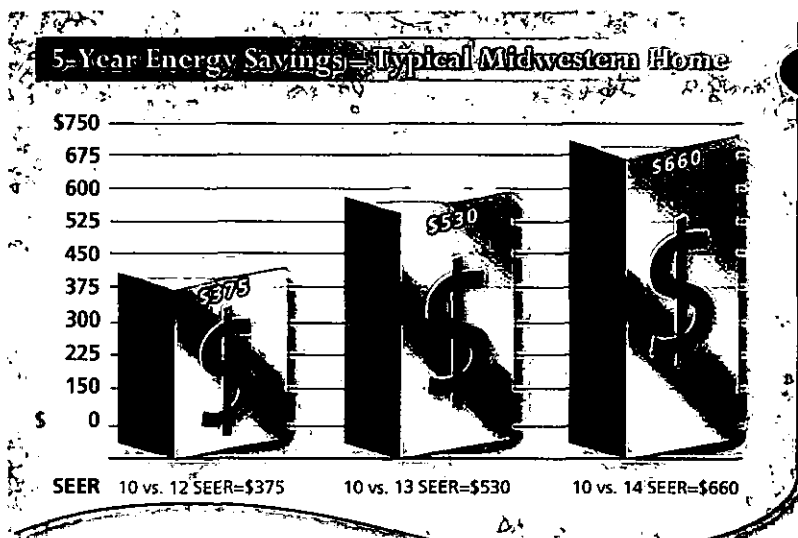
Here's an example of the savings you can expect with Ruud Achiever versus an older 10-SEER unit.

A vital aspect of comfort is the peace of mind that comes from knowing you can rely on your air conditioning system year after year, even in the most extreme weather.

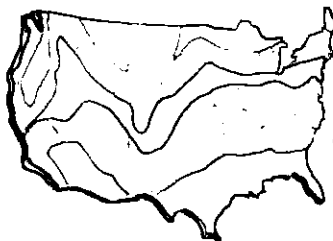
As sure as the sun rise, you can Rely on Ruud.

In every phase of engineering and every process of manufacturing, Ruud air conditioning meets or exceeds the most stringent quality standards.

From the strength of the robust steel cabinetry outside, to the sophistication of the componentry inside, Ruud air conditioning is the most reliable your money can buy. And the new Ruud Achiever Series delivers to you unprecedented levels of comfort, efficiency and quiet operation.



Price difference may vary, based on local utility rates.



To find specific savings for your area of the country, please visit us at www.ruudac.com/savings.

the art in reliability, efficiency and quiet operation.



Achieving Peace and Quiet

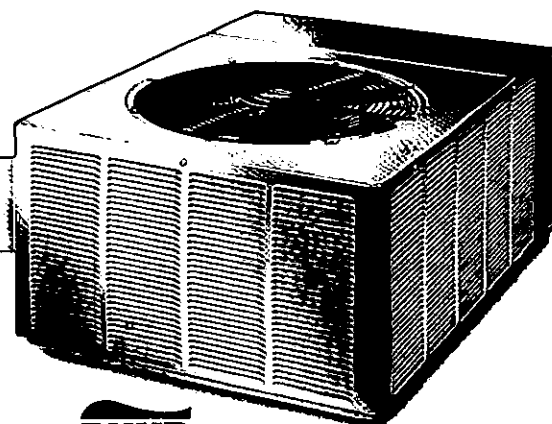
Just as peace of mind is important to your overall comfort, so is peace and quiet. You will be comforted to know that the Ruud Achiever Series is so quiet that you can hardly tell when it's running. Several Ruud engineering features assist in achieving this incredibly quiet operation:

- The advanced scroll compressor is far more quiet (and reliable) than the conventional piston-type compressor used in most air conditioners. It lasts longer too.
- To further reduce noise, Ruud isolates the motor on rubber mounts.
- A special base pan under the condensing unit lessens sound and vibration levels while reducing corrosive condensation.

We're Green Inside and Out

At Ruud, green is much more than the patented color of our products that blend in so well with landscapes. Our full line of certified Earth-friendly ProOzone™ products meet or exceed world environmental standards. Distinguished by the ProOzone label, qualifying Ruud Air Conditioning models feature a highly advanced new refrigerant that contains no gases or compounds that might harm the ozone layer of the Earth's atmosphere.

Still, protection of the ozone layer is but one environmental virtue of Ruud ProOzone equipment. Quiet operation and energy efficiency are perhaps equally important. With Ruud ProOzone certified equipment, you'll be taking care of the Earth's atmosphere and conserving natural resources while enjoying super-quiet operation and superb reliability.



RUUD
ACHIEVER
Series

Model	SEER	Compressor Warranty	Energy Star	ProOzone
UAKB	10 up to 10.7*	5 Years		
UALC	11 up to 12.5*	5 Years		
UAMC	12 up to 14.35*	10 Years	✓	
UAMM	12 up to 14*	10 Years	✓	✓
UANC	13 up to 14.25*	10 Years	✓	✓
UAPC	14 up to 16.35*	10 Years	✓	✓

*When matched with certain Ruud indoor coils and gas furnaces/air handlers.

There are some things in life
you can always rely on...



Quality That Endures

A continuing commitment to quality has helped Ruud exceed the stringent standards of the International Standards Organization and achieve ISO 9002 certification in all of its manufacturing facilities – and become the first air conditioning manufacturer in North America to do so.

Limited Warranty Information

Ruud supports its air conditioning equipment with strong limited warranties and reliable, professional service. The scroll compressor in 12 through 14 SEER models has a ten-year limited warranty. The outdoor condenser coil is backed by a five-year limited warranty against leaks caused by factory defects. All other parts have a five-year limited warranty.



Financing To Fit Your Budget

Ask your dealer about Kwik Comfort™ Financing. It gives you the affordable convenience of financing everything associated with your Ruud equipment, your original equipment purchase, all subsequent service, Protection Plus extended service protection, and even the comfort options that you choose to add later.



Protection You Can Count On

While your Ruud equipment is covered by an outstanding limited warranty, you can extend that warranty coverage up to 10 full years with Protection Plus™ extended service protection. Then you can relax and enjoy the comfort of your Ruud



air conditioner without worrying about the cost of parts or labor for unexpected repairs. And when Protection Plus is purchased in conjunction with your dealer's maintenance program, you can enjoy the peace of mind that your equipment will be both maintained and repaired as needed and without additional expense.

There are a variety of Protection Plus plans to choose from. Ask your dealer about them. For all other non-pricing information please call 1-877-276-4294 or visit their web site at www.protectionplusonline.com.

Rely on Ruud.

Thank you for taking the time to consider the Ruud air conditioning system. You can rely on your Ruud Dealer to provide top-quality installation, and professional service to meet all of your heating and air conditioning requirements.



www.ruudac.com

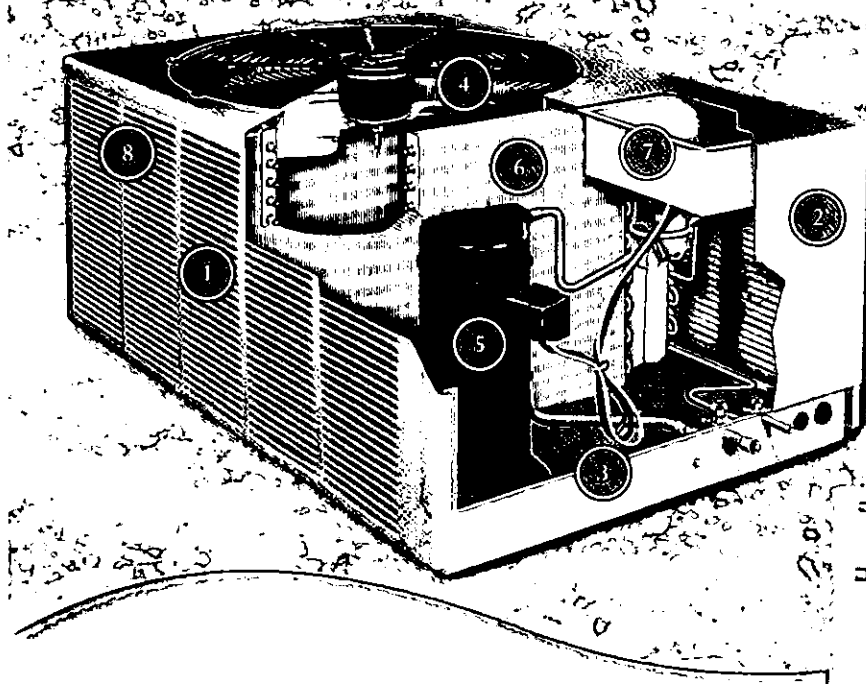
Ruud Air Conditioning Division

5600 Old Greenwood Road • Fort Smith, AR 72908 • 1-800-848-RUUD

Ruud also manufactures commercial air conditioning products, as well as residential and commercial water heater products. In keeping with its policy of continued progress and product improvement Ruud reserves the right to make changes without notice. Printed in the U.S.A. 3/04 SC Form M22-2018



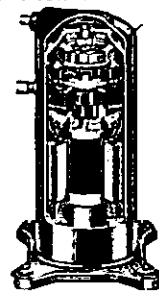
A look inside . . .



Features & Benefits:

- 1. Durable Cabinet.** Our galvanized steel cabinet protects your Ruud unit from the elements, helping reduce maintenance expense.
- 2. Serviceability.** Service time and expense are kept to an absolute minimum. The removal of one panel provides your technician easy access to all internal components.
- 3. Low Corrosion. Low Sound.** A special base pan elevates the unit off the pad and away from corrosive condensation. More quiet performance and lower vibration levels also result.
- 4. Fan-tastic.** Our motor mount prevents damage to your fan motor, extending its operating life.

- 5. Heart & Scroll.** The heart of your condensing unit is the compressor. That's why every Ruud unit features a Copeland® Scroll® Compressor – widely recognized as the industry standard for performance and durability.
- 6. Wrap-Around Coil.** High-quality copper tubing and corrosion resistant aluminum fins provide better airflow, improved efficiency, and lower operating costs.
- 7. Smart Electronics.** If your refrigerant level is ever too high or low, on-board safeguards protect your compressor from damage.
- 8. Environmentally Compatible** in color, sound, and ozone emissions.

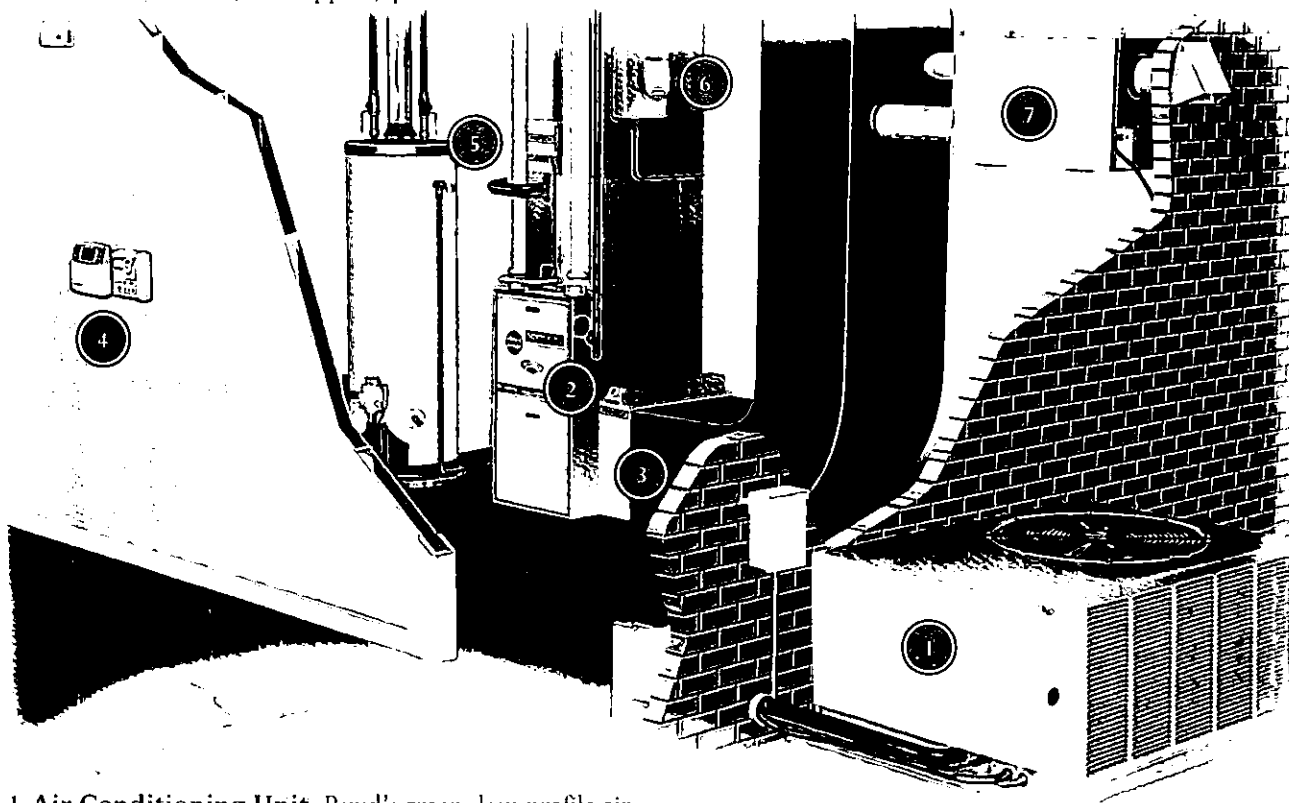


Ruud Achiever air conditioning, a complete system.

Achieving The Ultimate In Comfort

You will find it comforting to know that in addition to keeping your home at a preferred temperature, reliable Ruud Achiever equipment can also help you elevate your home's entire indoor air quality (IAQ). Our humidifier can help reduce or add humidity to benefit your health and protect your valuable home furnishings. Our electronic air cleaner helps make your home smell better, reduce dust and allows you to breathe easier.

Ask your dealer about the many Ruud options and accessories that can elevate the quality of air in your home to make it a healthier (and happier) place to live.



1. **Air Conditioning Unit.** Ruud's green, low-profile air conditioning units blend in well with most landscaping.
2. **Gas Furnace/Air Handler.** Ruud offers a complete line of furnaces and air handlers, designed to complement our air conditioning units in form and function.
3. **Electronic Air Cleaner.** Easy to use, and easy to clean, Ruud's Electronic Air Cleaner removes up to 95% of airborne particles, such as dirt, dust, pollen and second-hand tobacco smoke — and helps you keep your family healthy.
4. **Thermostat.** Ruud offers a full line of programmable thermostats, which not only allow you to accurately set your comfort level, but to also set different cooling or heating levels for morning, noon and night.
5. **Germicidal UV Light.** Designed to help disinfect damp surface areas in air conditioning systems, a

Germicidal UV Light system is the most efficient way to handle the issue of mold in modern air-tight households.

6. **Humidifier.** Automatic humidification improves comfort and reduces energy costs by allowing you to keep your thermostat setting lower, reduce static electricity, protect wood furnishings from drying out, and contribute to the well-being of pets and indoor plants.
7. **Energy Recovery Ventilator.** Due to the air-tight construction methods used in modern homes, air can become stale and polluted due to smoke, fragrances, pet odor and other air-borne contaminants. An Energy Recovery Ventilator circulates fresh air from the outside into your home through your air conditioning system, while recovering up to 80% of the indoor temperature.

CHIMNEY CERTIFICATION FOR REPLACEMENT OF
FUEL FIRED EQUIPMENT

BLOCK: 79.05

LOT: 5

PERMIT #: _____

WORKSITE ADDRESS: _____

CERTIFYING INDIVIDUAL (PRINT NAME)

Name: Anne Hartman

Address 8 Annie Dr.

Street: Howell

State: NY

COMPANY

Name: Royal Air

City: Howell

Zip: 07731

Phone# () 732-409-3322

CHECK THE APPROPRIATE BOX

TYPE OF REPLACEMENT

() Oil to Gas Conversion

(☒) Gas appliance Replacement

() Oil to Oil Replacement

() Other (describe): _____

EXISTING VENT/CHIMNEY:

(☒) B label vent

() L label vent

() Masonry chimney-tile lined

() Flexible liner

() Other (describe): _____

PLEASE SIGN ONE OF THE FOLLOWING CERTIFICATION STATEMENTS
CERTIFICATION

FOR OIL TO GAS CONVERSIONS:

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

Signature

Date

OIL TO OIL OR GAS TO GAS REPLACEMENTS

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

Signature

Date

CERTIFICATION NOT SUBMITTED:

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

Signature

Date

DIRECT VENT APPLIANCE:

NO CERTIFICATION REQUIRED:

Signature

Date

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

HOWELL TOWNSHIP
PLAN REVIEW CHECK LIST

NAME Hurtman BLOCK 79.05 LOT 5

ADDRESS 8 Annie Dr ZONING RELEASE _____

DATE SUBMITTED 9-20-05

furnace/HR

TYPE OF WORK _____

35736

	REVIEWED BY	APPROVED	COMMENTS
<u>FIRE</u>	9-20-05	<i>OK</i>	
BUILDING			
<u>ELECTRICAL</u>	9/20/05 <i>TD</i>	<i>OK</i>	
<u>PLUMBING</u>	9/21/05 <i>Q</i>	<i>Q.W</i>	
MECHANICAL			
OTHER			
SEPTIC			

