

849
AB

32

ADDRESS (SITE)

03-2650



CONSTRUCTION PERMIT APPLICATION

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

I. IDENTIFICATION

1. IDENTIFICATION
1. Proposed Work-site at: 1719 Forge Pond Rd
Kantrima Tel. [REDACTED]
2. Name of Owner in Fee: Kantrima
Address 1719 Forge Pond Rd Brick, NJ 08724
street municipality zip code
3. Ownership in Fee: Public _____ Private X
4. Principal Contractor: A.J. Perri/Blue Dot Tel. ()
401 Highway 35
Address Red Bank, NJ 07701
732 747-3131
License No. OR, if new home. Builder Reg. No. _____ Exp. Date _____
Federal Emp. No. 36-427609-7 Social Security No. _____
5. Architect or Engineer _____ Tel. ()
Address _____
6. Responsible Person Rich Holman Tel. (732) 747-3131
in Charge of Work

II. PROPOSED WORK

1. ☐ Minor work
(single trade)
 2. ☐ Small Job (\$5,000
and no prior approvals)
 3. ☐ New Building
 4. ☐ Addition
 5. ☐ Alteration
 6. ☐ Fire Protection
 7. ☒ Plumbing
 8. ☒ Electrical
 9. ☐ Elevator Devices
 10. ☐ Asbestos Abatement
 11. ☐ Demolition
- TOTAL COSTS**

Est. Cost

10370
44412

14820

OPTIONAL (for office use only)[illegible]

III. DO YOU WANT: (optional) 1 ☐ Partial Releases 2. ☐ Prototype Processing

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

- | | | |
|---|--|---|
| 1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks | 4. ☐ Refrigeration Systems | 7. ☐ Sprinklers |
| 2. ☐ High Pressure Boilers | 5. ☐ Cross-Connections/Backflow
Preventers | 8. ☐ Smoke Control Systems in Open Wells |
| 3. ☐ Pressure Vessels | 6. ☐ Hazardous Uses/Places of Assembly | 9. ☐ Underground Storage Tanks |

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ 35		
2. Electrical	70		
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$ 14		
9. DCA Training Fee			
10. Subtotal	\$		
11. Cert. of Occupancy			
12. Other	119		
13. TOTAL	\$		

VI. BUILDING/SITE CHARACTERISTICS

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

(office use only)

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. ☐ Hotels (R-1)
2. ☐ Multi-Family (R-2)
3. ☐ Two-Family (R-3) BOCA
4. ☐ Two-Family (R-4) CABO
5. ☐ One-Family (R-3) BOCA
6. ☐ One-Family (R-4) CABO

No of dwelling units:

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:

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 New Jersey 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.

(X) Check if contractor.

Agent Name _____ A.J. Perri/Blue Oak

Address _____ 401 Highway 35

Address _____ Red Bank, NJ 07701

732 747-3131

Telephone () _____ 36-427609-7

Signature A.J. Perri Date _____



CONSTRUCTION PERMIT

Date Issued _____
Control # _____
Permit # _____

IDENTIFICATION Block _____ Lot _____

Work Site Location 1719 Forge Pond Rd

Owner in Fee Kantrinas

Address 1719 Forge Pond Rd
BRICKLIN 08701

Tel [REDACTED]

Contractor A.J. Perri/Blue Dot

Address 401 Highway 35
Red Bank, NJ 07701

Tele. () 732 747-3131

Lic. No. or Bldrs. Reg. No. _____ Exp. Date 36-427609-7

Federal Emp. No. _____

or Social Security No. _____

is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ OTHER _____
☒ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Replace 2 heat pumps and
2 humidifiers

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 \$ 14,820

PAYMENTS (Office Use Only)

Building	_____
Plumbing	_____
Electrical	_____
Fire Protection	_____
Other	_____
Other	_____
DCA Training Fee	_____
Cert. of Occ.	_____
Other	_____
Total	_____
Check No.	_____
Cash	_____
Collected By:	_____

U.C.C. Form F-170A

CONSTRUCTION OFFICIAL

(see reverse side)

1 WHITE—INSPECTOR 2 CANARY—OFFICE 3 PINK—OFFICE 4 GOLD—APPLICANT



CONSTRUCTION PERMIT

Date Issued _____
Control # _____
Permit # _____

IDENTIFICATION Block _____ Lot _____

Work Site Location 1719 Forge Pond Rd

Contractor _____

Owner in Fee Kantrinas

Address A.J. Perri/Blue Dot

Address 1719 Forge Pond Rd

Address 401 Highway 35

Tele. () _____ Red Bank, NJ 07701

Tele. 732 747-3131

Lic. No. or Bldrs. Reg. No. 36 427609-7

Federal Emp. No. _____

or Social Security No. _____

Is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ OTHER _____
☒ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Replace 2 heat pumps and
2 humidifiers

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 \$ 14,820

PAYMENTS (Office Use Only)

Building	_____
Plumbing	_____
Electrical	_____
Fire Protection	_____
Other	_____
Other	_____
DCA Training Fee	_____
Cert. of Occ.	_____
Other	_____
Total	_____
Check No.	_____
Cash	_____
Collected By:	_____

U.C.C. Form F-170A

CONSTRUCTION OFFICIAL

(see reverse side)

1 WHITE—INSPECTOR 2 CANARY—OFFICE 3 PINK—OFFICE 4 GOLD—APPLICANT



CONSTRUCTION PERMIT

Date Issued _____
Control # _____
Permit # _____

IDENTIFICATION Block _____ Lot _____

Work Site Location 1719 Forge Pond Rd

Contractor A. J. Perri/Blue Dot

Owner in Fee Kantrina

Address 401 Highway 35

Address 1719 Forge Pond Rd

Red Bank, NJ 07701

BRICK NJ 08701

Tele. () 732 747-3131

Tel. [REDACTED]

Lic. No. or Bldrs. Reg. No. _____ Exp. Date 7

Federal Emp. No. 36-427609-7

or Social Security No. _____

is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ OTHER _____
☒ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Replace 2 heat pumps and
2 humidifiers

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 \$ 14830

PAYMENTS (Office Use Only)

Building	_____
Plumbing	_____
Electrical	_____
Fire Protection	_____
Other	_____
Other	_____
DCA Training Fee	_____
Cert. of Occ.	_____
Other	_____
Total	_____
Check No.	_____
Cash	_____
Collected By:	_____

U.C.C. Form F-170A

CONSTRUCTION OFFICIAL

(see reverse side)

1 WHITE—INSPECTOR 2 CANARY—OFFICE 3 PINK—OFFICE 4 GOLD—APPLICANT



CONSTRUCTION PERMIT

Date Issued _____
Control # _____
Permit # _____

IDENTIFICATION Block _____ Lot _____

Work Site Location 17111 Highway 35 Contractor Perry/Blue Dot
Address 301 Highway 35
Owner in Fee K. M. H. H. H. Address Red Bank, NJ 07701
Address 17111 Highway 35 Tele. () 747 3131
Lic. No. or Bldrs. Reg. No. _____ Exp. Date _____
Federal Emp. No. 36 427609 7
or Social Security No. _____

is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ OTHER _____
☒ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Replace 2 heat pumps and
2 humidifiers

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 \$ 14870

PAYMENTS (Office Use Only)

Building _____
Plumbing _____
Electrical _____
Fire Protection _____
Other _____
Other _____
DCA Training Fee _____
Cert. of Occ. _____
Other _____
Total _____
Check No. _____
Cash _____
Collected By: _____

U.C.C. Form F-170A

CONSTRUCTION OFFICIAL

(see reverse side)

1 WHITE—INSPECTOR 2 CANARY—OFFICE 3 PINK—OFFICE 4 GOLD—APPLICANT

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

HCC NEW JERSEY
CONSTRUCTION
PERMITE

Date Issued 06/18/2003
Control #
Permit # 03-2650

IDENTIFICATION Block 249 Lot 32

Qual

Work Site Location 1718 FORGE ROAD RD

A/C

Owner in Fee KANIRIMAS

Address SAME

Telephone BRICK, NJ 08724-

Telephone

Contractor A. PERINI/BLUE DOT
Address 401 HWY 35
RED BANK, NJ

Telephone (732) 741-3131

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 36-4276097

Is hereby granted permission to perform the following work:

- ☐ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABALEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABALEMENT ☐ OTHER
(Subchapter 0 only)

DESCRIPTION OF WORK:

2 HEAT PUMPS

PAYMENTS (Office Use Only)

Building 0
Electrical 35
Plumbing 70
Fire Protection 0
Elevator Devices 0
Other
DCA State Permit Fee 14
Cert. of Occupancy 0
Other
Total 119
Check No. 40231165
Cash
Collected By JB

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 \$ 14,320

D. J. McCormack
Construction Official

06/18/2003

Date

N.J.C.C. #170 (rev. 3/86)

06/18/03 11:46AM 000000041204
**06 SERV.006

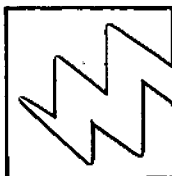
#032650
ELECTRIC \$35.00
PLUMBING \$70.00
DCA \$14.00
CHECK \$119.00

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW. IF NOT CORRECT PLEASE NOTIFY US PROMPTLY.

A.J. PERRI, Inc.

040231165

DATE	INVOICE NO.	DESCRIPTION	AMOUNT
	35454	1719 Forge Pond Rd Kantinas Blue Dot. Cooling • Heating • Plumbing • and more	119.00



Date Received
Date Issued
Control #
Permit #

6-18-03
03-2650

FEE (Office Use Only)

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION WHEN CHANGING

Block 849
Work Site Location 1719 Forge Road

Owner KATHINAS
Address 1719 Forge Road

Tele. [REDACTED]

Contractor AS PECO Electric

Address 401 Hwy 35
Red Bank, MS 38701

Tele. (32) 747-3131

Lic. No. 132968

Federal Emp. No. 364276097

Use Group Present [] Proposed []

Building Occupied as [] Temporary [] Other []

Est. Cost of Elec. Work \$ 4446

Utility Co. []

PLAN REVIEW: [] No Plans Required

Joint Plan Review Required: []

[] Bldg. [] Plumb.

[] Fire [] Elevator

[] Elec. Plans Approved

Date: 6/11/03

Approved by: [Signature]

INSPECTIONS

Type: Failure Failure Approval Initial

Rough

Temporary

Constr. Serv.

TCO

Other

Service

Final

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date: []

Approved By: []

D. TECHNICAL SITE DATA

NO. SIZE ITEM

Fixtures (1)

Receptacles (2)

Switches (3)

Total 1 + 2 + 3

Kw Range

Kw Oven(s)

Kw Surface Unit

hp Dishwasher

hp Garbage Disposal

Kw Dryer

Kw A/C Unit

Burglar Alarms

Intercoms Panels

Smoke Detectors

hp Whirlpool/spa

Pool Bonding

hp Pool Filter Motor

Pool Lights

Kw Water Heater(s)

Kw Central heat:

oil, gas or elec.

Kw Baseboard Heat Units

Thermostats

hp Heat Pump

hp Pump(s)

Amp Motor Control Center/Sub Panels

Signs

Light Standards

hp Motors—Fractional H.P.

hp Motors—All Others

Kw Transformers

Kw Generators

Amp Service Entrance

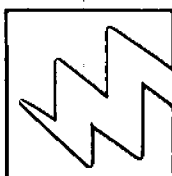
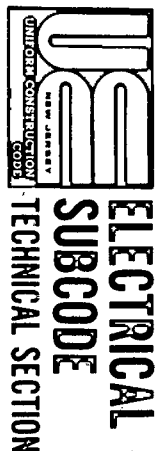
Other humidifier

Administrative Surcharge

Paid [] Check # [] Minimum Fee

DCA Training Fee

Collected by: [] TOTAL FEE



Date Received 6-18-03
Date Issued
Control #
Permit # 03-2650

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

Block 849 Lot 32
Work Site Location 1709 Ford Road

Owner in Fee KATHY LINDAS
Address 1709 Ford Road
WINDY HILLS

Contractor AD RECCI Electric
Address 401 Hwy 35
Red Bank, MS 38701

Tele. (732) 747-3131
Lic. No. 132968
Federal Emp. No. 364276097 or Social Security No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 4446

JOB SUMMARY (Office Use Only)

PLAN REVIEW:		INSPECTIONS	
No Plans Required		Type:	Dates (Month/Day)
Joint Plan Review Required:			Failure Failure Approval Initial
☒ Bldg. ☐ Plumb.		Rough	
☐ Fire ☐ Elevator		Temporary	
☐ Elec. Plans Approved		Constr. Serv.	
Date: <u>6/10/03</u>		TCO	
Approved by: <u>[Signature]</u>		Other	
		Service	
		Final	
SUBCODE APPROVAL		Temp. Cut-in-Card Date Issued	
☐ CO ☐ CCO ☐ CA		Final Cut-in-Card Date Issued	
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.

☐ Licensed Electrical Contractor ☐ Exempt Applicant

Signature _____
Contractor Seal

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM
		Fixtures (1)
		Receptacles (2)
		Switches (3)
		Total 1 + 2 + 3
		Kw Range
		Kw Oven(s)
		Kw Surface Unit
		hp Dishwasher
		hp Garbage Disposal
		Kw Dryer
		Kw A/C Unit
		Burglar Alarms
		Intercoms Panels
		Smoke Detectors
		hp Whirlpool/spa
		Pool Bonding
		hp Pool Filter Motor
		Pool Lights
		Kw Water Heater(s)
		Kw Central heat:
		oil, gas or elec.
		Kw Baseboard Heat Units
		Thermostats
		hp Heat Pump
		hp Pump(s)
		Amp Motor Control Center/Sub Panels
		Signs
		Light Standards
		hp Motors—Fractional H.P.
		hp Motors—All Others
		Kw Transformers
		Kw Generators
		Amp Service Entrance
		Other <u>humidifier</u>

FEE (Office Use Only)

Paid ☐ Check # _____	Administrative Surcharge	\$ _____
	Minimum Fee	\$ _____
	DCA Training Fee	\$ _____
Collected by: _____	TOTAL FEE	\$ _____



PLUMBING
SUBCODE
TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

6-18-03
03-2650

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

Block 849
Work Site Location 1719 Forge Pond Road

Owner in Fee Kanthiramas
Address 1719 Forge Pond Road
Bridgeport, VA 08134

Contractor Bud Ellisen
Address 401 Highway 35
Red Bank, NJ 07701
Tele. (732) 747-3131 732 747-9743

Lic. No. 732 or Social Security No. 732

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed 10,374
Building Sewer Size 10,374
Water Service Size 10,374
Estimated Cost of Plumbing Work \$ 10,374

JOB SUMMARY (Office Use Only)

PLAN REVIEW:	INSPECTIONS:	Dates (Month/Day)
	Type:	Failure Failure Approval Initial
☒ No Plans Required	Slab	
☐ Joint Plan Review Required:	Rough	
☐ Bldg. ☐ Elec. ☐ Fire	Water	
☐ Plumb. Plans Approved	Sewer	
Date: <u>6/18/03</u>	Fixtures	
Approved by: <u>[Signature]</u>	Gas Equipment	
	Gas Final	
SUBCODE APPROVAL:	Solar	
☐ CO ☐ CCO ☐ CA	TCO	
Approved by: <u>[Signature]</u>		
Date: <u>6/18/03</u>		

C. CERTIFICATION IN LIEU OF OATH

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

[Signature]
Signature-Contractor Seal

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
	Water Closet	
	Urinal/Bidet	
	Bath Tub	
	Lavatory	
	Shower	
	Floor Drain	
	Sink	
	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Gas Piping	
	Fuel Oil Piping	
	Water Heater	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Water Cooled A/C	
	or Refrigeration Unit	
	Sewer Connection	
	Water Service Connection	
	Gas Service Connection	
	Active Solar System	
	Other <u>Chaatguyas</u>	
	<u>humidifier</u>	
	Administrative Surcharge	\$
	Minimum Fee	\$
	Collected by: <u>2</u>	TOTAL \$

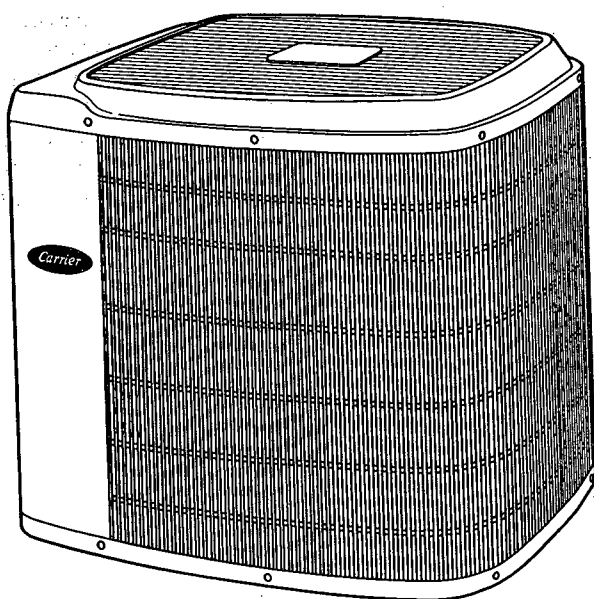


Product Data

38YXA (60Hz) Deluxe 13 SEER Split-System Heat Pump with Puron® Refrigerant

Sizes 024 thru 060

**INTRODUCING THE WEATHERMAKER 38YXA HEAT PUMP
FEATURING PURON®
THE ENVIRONMENTALLY SOUND REFRIGERANT**



Carrier's technological leadership has risen to a new level with the development of the 38YXA Heat Pump, the outdoor section of a superior split heat pump system. This leadership effort has yielded a product that appeals to consumers for all of its unique benefits.

Introducing Puron®, the environmentally sound refrigerant

— The first unique feature of the 38YXA is the environmentally sound nature of Puron, which provides the homeowner with additional peace of mind because their heating and cooling system's refrigerant has zero ozone-depletion potential.

Second, thanks to the performance advantage of Puron, the 38YXA is extremely efficient. In fact, the 38YXA features some of the lowest energy usages of single speed heat pumps available from Carrier. Maximum performance and efficiency are made possible through the use of the FX4A and FV4A fan coils, Custom Made for Puron applications.

Third, the cost of service will potentially be reduced in the future as the industry's older refrigerant, R-22 is gradually phased out through Federally legislated production limitations.

AVAILABLE OPTIONS

Silencer System/Quiet Operation — The Silencer System features the Silencer™ top design, energy-efficient fan and motor, sound hood and discharge muffler. The Silencer Design top improves airflow patterns and requires less energy. The energy efficient fan and fan motor add to quiet

logies Company

bligations.

orm 38YSA-3PD

ses: 38YSA-2PD

Copyright 2000 Carrier Corporation

Accessory description and usage (Listed alphabetically) continued

17. Thermostatic Expansion Valve (TXV) — Bi-Flow

A modulating flow control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator. Kit includes valve, adapter tubes, external equalizer tube.

SUGGESTED USE: A TXV specifically designed for Puron refrigerant is required for all installations.

18. Time-Delay Relay

An SPST delay relay which briefly continues operation of the indoor blower motor to provide additional cooling after the compressor cycles off.

SUGGESTED USE: For improved efficiency ratings for certain combinations of indoor and outdoor units. (Refer to ARI Unitary Directory.)
Required for use on all zoning systems.

Electrical data

UNIT SIZE-SERIES	V-PH	OPER VOLTS*		COMPR		FAN FLA	MCA	MIN WIRE SIZE 60°C/75°C**	MAX LENGTH (Ft) 60°C/75°C‡	MAX FUSE† OR CKT BKR AMPS
		Max	Min	LRA	RLA					
024-32	208/230-1	253	187	61.0	15.1	0.8	19.7	14/14	39/37	30
030-32				72.5	14.7	1.1	19.5	14/14	39/37	30
036-32				83.0	19.3	1.1	25.2	12/12	50/48	35
042-32				104.0	21.1	1.1	27.5	10/10	71/68	40
048-32				109.0	20.5	1.4	27.0	10/10	74/70	40
060-32				158.0	27.6	1.4	35.9	8/8	86/82	60

* Permissible limits of the voltage range at which unit will operate satisfactorily. Operation outside these limits may result in unit failure.

† Time-delay fuse or Circuit Breaker.

‡ Length shown is as measured 1 way along the wire path between the unit and the service panel for voltage drop not to exceed 2%.

** If wire is applied at ambient greater than 30°C (86°F), consult Table 310-16 of the NEC (ANSI/NFPA 70). The ampacity of nonmetallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C (140°F) conductors, per the NEC (ANSI/NFPA 70) Article 336-26.

If other than uncoated (non-plated), 60° or 75°C (140° or 167°F) insulation, copper wire (solid wire for 10 AWG and smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

FLA — Full Load Amps

LRA — Locked Rotor Amps

MCA — Minimum Circuit Amps

RLA — Rated Load Amps

NOTE: Control circuit is 24v on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

Sound power

UNIT SIZE-SERIES	SOUND LEVEL (dBA)	A - Weighted Sound Power Levels (dBA) within octave band shown					
		125	250	500	1000	2000	8000
24-321	70	68.5	67.0	66.0	65.5	61.0	55.0
30-321	72	70.0	70.0	67.5	65.0	62.0	53.5
36-321	74	73.5	72.5	70.0	68.5	64.0	53.5
42-321	73	73.5	72.5	71.0	67.5	64.0	53.5
48-321	76	75.0	75.5	74.0	70.5	67.5	57.5
60-321	76	76.0	75.5	73.0	71.0	66.5	61.0

NOTE: Tested in accordance with ARI Standard 270-95. (Not listed with ARI.)



CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI.



As an ENERGY STAR® Partner, Carrier Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



REGISTERED
QUALITY SYSTEM



Physical data

UNIT SIZE SERIES	024-32	030-32	036-32	042-32	048-32	060-32
OPERATING WEIGHT (Lb)	201	194	203	208	253	282
COMPRESSOR Manufacturer Type	Copeland Scroll					
REFRIGERANT Control Charge (Lb) @ 15 Ft†	Puron TXV (Cooling)					
	7.18	6.63	8.375	8.63	13.25	13.25
CONDENSER FAN Air Discharge Air Quantity (CFM) Motor HP Motor RPM	Propeller Type, Direct Drive Vertical					
	2400 1/8 825	2800 1/5 825	2800 1/5 825	2800 1/5 825	3300 1/4 1100	3300 1/4 1100
CONDENSER COIL Face Area (Sq Ft) Fins per In. Rows Circuits	Copper Tube, Aluminum Plate Fin					
	18.18 25 1 2	15.15 25 1 3	18.18 25 1 4	12.12 20 2 3	18.18 20 2 4	18.18 20 2 5
VALVE CONNECTION (In. ID) Vapor Liquid	Sweat 3/8					
	5/8	3/4	3/4	7/8	7/8	7/8

† Charge quantity is for 15 ft of interconnecting tubing. For tubing lengths other than 15 ft, see Residential Split Systems Long-Line Application Guideline for additional refrigerant requirements.

NOTE: 1. See unit Installation Instructions for proper installation.

RECOMMENDED TUBE DIAMETERS

UNIT SIZE	LIQUID TUBE DIAMETER (IN.)		VAPOR TUBE DIAMETER (IN.)		
	0 to 50 Ft Tube Length	Alternate	0 to 50 Ft Tube Length	Alternate	RST* (Not Permitted)
024	3/8	3/8	5/8	3/4 ACR	3/4
030	3/8	3/8	3/4	7/8	1-1/8
036	3/8	3/8	3/4	7/8	1-1/8
042-048	3/8	3/8	7/8	7/8	3/4 and 1-1/8
060	3/8	3/8	1-1/8	7/8	3/4

* RST — Refrigeration Service Tubing, standard refrigerant grade tubing.

NOTES:

1. Tube diameters are for lengths up to 50 ft. For tubing lengths greater than 50 ft, consult the Application Guideline and Service Manual for Residential Split-System Air Conditioners and Heat Pumps using Puron Refrigerant.
2. Refrigerant tubes and indoor coils must be evacuated to 500 microns to minimize contamination and moisture in the system.

METERING DEVICE

UNIT SIZE	OUTDOOR PISTON	INDOOR TXV*	REQUIRED SUBCOOLING (°F)
024	46	KSATX0201HSZ	11
030	52	KSATX0201HSZ	9
036	57	KSATX0301HSZ	14
042	59	KSATX0301HSZ	11
048	63	KSATX0401HSZ	10
060	73	KSATX0501HSZ	12

* TXV must be installed when indoor coil is not equipped with a Puron approved TXV. TXV listed is for any approved coil combination. All TXVs are Puron specific bi-flow, hard shutoff.