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LDS BR 10103487

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.

☐ Check if contractor.

Agent Name _____

Robert Carbone Co., Inc.
766 Mantoloking Rd.
Brick, NJ 08723

Address _____

Telephone _____

Signature _____ Date 7-10-97

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	
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Fire Department									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Dept. of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Dept. of Environmental Protect.									
☐ Utility Dig No.									
☐ Other									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition	Name of Code & Edition	Other
Building _____	Energy _____	
Electrical _____	Barrier Free _____	
Plumbing _____	Flood Hazard _____	
Fire Protection _____	As Built Elevation Cert. _____	
Mechanical _____	Other _____	

X. CERTIFICATES ISSUED	(office use only)	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____
☐ Temporary Certificate of Occupancy	No. _____	_____
☐ Continued Certificate of Occupancy	No. _____	_____
☐ Certificate of Occupancy	No. _____	_____
☐ Certificate of Approval	No. _____	_____
☐ None		



CONSTRUCTION PERMIT

Date Issued

Control #

Permit #

7-21-97

2138-97

IDENTIFICATION Block

831

Lot

35

Work Site Location

1623 Edge ST.

Contractor

Robt. Carbone

Owner in Fee

Ed Ayers

Address

Saginaw

Tele. ()

Tele. ()

Lic. No. or Bldrs. Reg. No.

Exp. Date

Federal Emp. No.

or Social Security No.

LOT

0.00

0.00

Is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ OTHER☐ ELECTRICAL ☒ FIRE PROTECTION☐ ELEVATOR DEVICES

DESCRIPTION OF WORK:

gas to gas

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 \$

4950.-

U.C.C. Form F-170C

CONSTRUCTION OFFICIAL

1 WHITE - OFFICE

2 CANARY - TAX ASSESSOR

3 PINK - JACKET

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	PLUMBING	35.00
Plumbing	FIRE	46.00
Electrical	U.C.A.	4.00
Fire Protection	TOTAL	85.00
Other	CHECK	85.00
Other	CHANGE	0.00
DCA Training Fee	NU 46 - 0004A005	13.01
Cert. of Occ.		
Other		
Total	85.-	
Check No.	2376	
Cash		
Collected By:		

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 to the approved plans and 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 the following:

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. All structural framing and connections prior to covering with finish or infill material; plumbing underground services, rough piping, water service, sewer, septic services and storm drains; electrical rough wiring, panels and service installations; insulation installations;
4. Installation of all finished materials, sealings of exterior joints; plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

☐ 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. Any violations of the approved plans and/or permit will be noted and the holder of the permit notified of discrepancies.

☐ A complete copy of approved plans must be kept on the job site.

If you do not understand any of this information, please ask,



**FIRE PROTECTION
SUBCODE
TECHNICAL SECTION**



Date Received 7-21-97
Date Issued 2138-97
Control # 2138-97
Permit # RES

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

Block 831023 50th St
Work Site Location 50th St

Owner in Fee 1505 EAST LAKE BLVD CO. INC
Address 1505 EAST LAKE BLVD CO. INC
3108231

Tele. () 310-1200
Contractor 3108231

Address 3108231

Lic. No. 3108231 or Social Security No. 3108231

Federal Emp. No. 222122593

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed Present

Const. Class. Present Proposed Present

Heating Systems Existing

Type: Gas Oil Electrical Solar

Location: City Room

Total Est. Cost of Fire Prot. Work \$ 0 [] Other 0

JOB SUMMARY (Office Use Only)

PLAN REVIEW: INSPECTIONS:

[] No Plans Required Suppression Test Failure Failure Approval Initial

Joint Plan Review Required: Fire Alarm Test Smoke Test Mechanical TCO Other CH Furnace 107-9723

[] Bldg. [] Plumb. Approved by: 107-9723

[] Elec. [] Elevator Approved by: 107-9723

[] Fire Plans Approved Approved by: 107-9723

SUBCODE APPROVAL: Approved by: 107-9723

[] CO [] CCO Approved by: 107-9723

Date: 10-1-97

Approved by: 107-9723

D. TECHNICAL SITE DATA

Description of Work

Water Supply Source

Method of Valve Supervision

Local Alarm Supervision

Central Supervision

Proprietary Supervision

Flammable Liquid Storage Tanks

Combustible Liquid Storage Tanks

L.P.G. Storage Tanks

L.N.G. Storage Tanks

Wet Sprinkler Heads

Dry Sprinkler Heads

TOTAL

Smoke Detectors

Heat Detectors

TOTAL

Stand Pipes

Kitchen Hood Exhaust Systems

Pre-Engineered Systems

CO₂ Suppression

Halon Suppression

Foam Suppression

Dry Chemical

Wet Chemical

Gas or Oil-Fired Appliance

OTHER 1

Number

FEE (Office Use Only)

() Capacity Fuel
() Capacity Fuel
() Capacity Fuel
() Capacity Fuel

Paid [] Check # 1 Administrative Surcharge \$ 0
Minimum Fee \$ 0
DCA Training Fee \$ 0
TOTAL FEE \$ 0

Collected by: 107-9723

U.C.C. Form F-1408 1 White = Inspector Copy 2 Canary = Office Copy
3 Pink = Office Copy 4 Gold = Applicant Copy



**FIRE PROTECTION
SUBCODE
TECHNICAL SECTION**



Date Received **7-21-97**
Date Issued
Control # **2138-97**
Permit # **RSP**

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

Block **831023 EDOB ST 23**
Work Site Location

Owner in Fee **ED AVES**
Address **831023 EDOB ST N.J.**

Tele. ()
Contractor **FORST LAKESIDE CO. INC**
Address **200 MAINTENANCE RD**

Tele. () **320-1200**
Lic. No. **310823**
Federal Emp. No. **22212253** or Social Security No.

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present _____ Proposed _____
Const. Class. Present _____ Proposed _____
Heating Systems () New () Existing
Type: () Gas () Oil () Electrical () Solar
() Other **Utility room**
Location: **Utility room**
Total Est. Cost of Fire Prot. Work \$ _____ () Other _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW:	INSPECTIONS:	Dates (Month/Day)
() No Plans Required	Type:	Failure Failure Approval Initial
Joint Plan Review Required:	Suppression Test	
() Bldg. () Plumb.	Fire Alarm Test	
() Elec. () Elevator	Smoke Test	
() Fire Plans Approved	Mechanical	
Date: 7-14-97	TCO	
Approved by: [Signature]	Other	
SUBCODE APPROVAL: [Signature]	Other	
() CO () CCO () CA	Other	
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.

[Signature]
SIGNATURE

D. TECHNICAL SITE DATA

Description of Work

Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision _____
Proprietary Supervision _____

Flammable Liquid Storage Tanks () Capacity _____ Fuel _____
Combustible Liquid Storage Tanks () Capacity _____ Fuel _____
L.P.G. Storage Tanks () Capacity _____ Fuel _____
L.N.G. Storage Tanks () Capacity _____ Fuel _____

Wet Sprinkler Heads _____
Dry Sprinkler Heads _____
TOTAL _____

Smoke Detectors _____
Heat Detectors _____
TOTAL _____

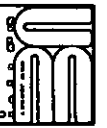
Stand Pipes _____
Kitchen Hood Exhaust Systems _____

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

Gas or Oil-Fired Appliance _____
OTHER **FORNACE** _____

FEE (Office Use Only)

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



**PLUMBING
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued 7-21-97
Control # 2138-97
Permit # 2138-97

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

Block 83 1623 EDGES ST. Lot 31

Work Site Location 1623 EDGES ST.

Owner in Fee ED. MYERS
Address 1623 EDGES ST.
ALB.

Tele. () 928-1200
Contractor ROBERT CARROLL CO. INC.
Address 1623 EDGES ST. ALB.

Tele. () 928-1200
Lic. No. 13108237
Federal Emp. No. 222122593 or Social Security No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____
Building Sewer Size _____ Public Sewer _____ Private Septic _____
Water Service Size _____ Public _____ Private Well _____
Estimated Cost of Plumbing Work \$ 4800.-

JOB SUMMARY (Office Use Only)

PLAN REVIEW: ☒ No Plans Required
Joint Plan Review Required: _____
☐ Bldg. ☐ Elec.
☐ Fire ☐ Elevator
Date: 7-15-97
Approved by: [Signature]

SUBCODE APPROVAL:
☐ CO ☐ CCO ☐ CA
Approved By: [Signature]
Date: 10-1-97

C. CERTIFICATION IN LIEU OF OATH

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

Signature—Contractor Seal
[Signature]
☒ Licensed Plumbing Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA (List all fixtures.)

NO. _____

FIGURE/EQUIPMENT

FEE (Office Use Only)

Water Closet	_____
Urinal/Bidet	_____
Bath Tub	_____
Lavatory	_____
Shower	_____
Floor Drain	_____
Sink	_____
Dishwasher	_____
Drinking Fountain	_____
Washing Machine	_____
Hose Bibb	_____
Water Heater	_____
Fuel Oil Piping	_____
Gas Piping	_____
Steam Boiler	_____
Hot Water Boiler	_____
Sewer Pump	_____
Interceptor/Separator	_____
Backflow Preventer	_____
Greasetrapp	_____
Water Cooled A/C	_____
or Refrigeration Unit	_____
Sewer Connection	_____
Water Service Connection	_____
Active Solar System	_____
Other <u>FURNACES</u>	_____

Paid ☐ Check # _____ Minimum Fee \$ 35
DCA Training Fee \$ _____
Collected by: _____ TOTAL \$ _____

CHIMNEY CERTIFICATION FOR REPLACEMENT OF
FUEL FIRED EQUIPMENT

BLOCK: 831

LOT: 31

PERMIT#: _____

WORKSITE ADDRESS: 1023 EDGEST-Brick

Certifying Individual(Print Name)

Name: _____

Address Robert Carbone Co., Inc.

Street: 766 Mantoloking Rd.

Brick, NJ 08723

State: _____

Company

Name: _____

Robert Carbone Co., Inc.

City: 766 Mantoloking Rd.

Brick, NJ 08723

Zip: _____

Phone#() _____

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
☐ Power vent/exhauster
☐ Other (describe): _____

PLEASE SIGN ONE OF THE FOLLOWING CERTIFICATION STATEMENTS
CERTIFICATION

Gas
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.

Robert Carbone
Signature

7-10-97
Date

Oil to Oil or Gas to Gas Replacements:

I hereby certify the 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.

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.



THE IDEA OF TOTAL COMFORT.

When you think of total heating comfort, what comes to mind? Quiet furnace operation? The right temperature? Safety? Efficiency? Reliability? For the Trane XL 80 Gas Furnace, it's all of these. In fact, the Trane XL 80 design now means more comfort than ever before. When you look at all the integrated technology on the inside, you'll see why.

THE XL 80. A SMOOTH OPERATOR.

One of the first things you'll notice about the XL 80 is what you don't notice: A lot of noise. The new two-speed blower and fully-insulated cabinet make the XL 80 quieter, leaving comfort in the back of your mind. Right where it should be.

The next thing you'll notice is the XL 80's efficiency and the money you save while being comfortable. If you have a gas furnace 10 years old or more (rated at 60-70 AFUE), about 30 to 40 cents of every dollar you spend for heating is going to waste. The good news is that the XL 80 delivers an 80 AFUE (Annual Fuel Utilization Efficiency), exceeding the new federal standards.

BRINGING TECHNOLOGY UP TO SPEED.

We can think of a lot of reasons the XL 80 is so quiet and efficient. The first is two-stage heating. That means the XL 80 can operate at two speeds, high or low, to combine the perfect level of comfort with the most efficiency.

You'll see the beauty of two-stage heating when you imagine those transitional seasons that need just a little heat to take the chill out of the air. Rather than overwhelm with a full blast of heat, the XL 80 responds with a preheat stage, warming the heat exchangers before circulating air throughout the house. Then, the two-speed blower starts at low speed, gently and efficiently warming your home without short-cycling, the frequent starting and stopping common to many single-stage furnaces.

In more extreme temperatures, the two-stage gas valve increases the fuel flow and the blower switches to high speed for maximum comfort. At the end of the cycle, after the fuel shuts off, the XL 80 continues to run a few seconds, gleaning the remaining heat out of the exchanger before shutting off. You enjoy all the heat you've paid for.

You'll see Trane technology touching every component in the XL 80. Including a burner that uses Multi-Port In-Shot configuration. By design, it actually shapes the flame cone to produce maximum heat while using less fuel. The heat exchanger houses a serpentine channel of optimum length to assure more heat transfer. As air flows across the exchanger, a two-speed induction venting fan quietly pulls hot gases through the channel, achieving heat transfer efficiency never before possible.

THINK COMFORTABLE THOUGHTS.

Another thing you'll find in the XL 80 is microelectronics. Self-diagnostic controls become the XL 80's command center, orchestrating the operations for peak efficiency, reliability and safety. It continuously monitors the system, insuring combustion and proper gas flow. It talks to the thermostat, controls return air flow, the induced venting and the two-stage gas valve. It looks for problems in the system, first trying to resolve the trouble before safely shutting down the furnace. And then red-flags the difficulty for quick repair. In the event of a power failure, the controller waits patiently, resetting and restarting the system when power is restored.

IT'S ALL IN THERE.

Perhaps the biggest thing you'll notice about the XL 80 is the small package. Through inventive engineering, all of these wonderful new ideas now fit into less space. It's only 40 inches tall and fits almost any place; such as the basement, attic or hall closet. Which means you can enjoy Trane comfort, efficiency and dependability no matter where it has to fit in your home.

HOME COMFORT FOR THE LIFE OF YOUR HOME.

When you build a better product, you can afford to offer a better heat exchanger warranty: 20 year limited, non-prorated. And optional dealer-extended warranty services are available from your Trane dealer, literally protecting your XL 80 for the life of your home.

THE XL 80 SAVES MONEY IN TWO WAYS: EFFICIENCY & RELIABILITY.

INDUCED VENTING

Quietly draws hot gases through the heat exchanger, maximizing the heat transfer efficiencies of the exchanger design.

HEAVY STEEL INSULATED CABINET

Greater durability, quieter operation. Holds heat inside the cabinet, insuring that more heat circulates into your home.

SOUND-INSULATED BLOWER COMPARTMENT

Assures quietest possible operation.

MULTI-SPEED BLOWER

Operates quietly, efficiently at low speed, gently warming and maintaining comfort. High speed facilitates peak heating needs. Handles all central air conditioning needs as well.

ALUMINIZED HEAT EXCHANGER

Modular, heavy duty aluminized steel, featuring a more efficient, stamped serpentine channel. Each exchanger is crimped, not welded, to prevent heat stress cracks. Backed with our 20 year, non-prorated limited warranty.

2-STAGE GAS VALVE

Works efficiently with the Multi-Speed Blower by providing only as much fuel as each stage requires.

MULTI-PORT IN-SHOT BURNERS

Orifice design perfectly shapes the flame cone for the maximum heat possible, while using less fuel.

SELF-DIAGNOSTIC CONTROLS

The solid state brain controls every function of the XL 80 with digital accuracy, complete with safety features and a built-in troubleshooting system.

HOT SURFACE IGNITER

Lights burners electrically for safe and efficient operation.

All Models
Manufactured in USA



TRAINING IS THE DIFFERENCE.

Trane dealers are trained experts. After all, Trane offers its dealers and distributors the very best training and support in the business. They know all the products, system requirements and accessories. They know how to properly evaluate and install the right system for your home. And that's important because the wrong system will invariably cost you more money. Your Trane dealer helps you bring total comfort home.

DIMENSIONS (inches)

MODEL	HEIGHT	WIDTH	DEPTH
TUD040R24A	40	14.5	28
TUD060R36A	40	14.5	28
TUD080R36A	40	17.5	28
TUD080R48A	40	17.5	28
TUD100R36A	40	17.5	28
TUD100R48A	40	21	28
TUD100R60A	40	24.5	28
TUD100R60B	40	21.0	28
TUD120R54A	40	21.0	28
TUD120R60A	40	24.5	28
TUD140R60A	40	24.5	28



ENERGY CONSERVATION IS EVERYBODY'S BUSINESS.

Energy saved has a very positive impact on global warming. With the health of the environment at stake, we all have to be energy conservationists. That means we must design products that live up to tougher energy efficiency standards. And you must demand them. Count on them from Trane.

XL 80 GAS FURNACE

MODEL NUMBER	CAPACITY (000) OUTPUT-BTUH		ICS* AFUE
	STD 2	STD 1	
TUD040R24A	32.0	20.8	80.0
TUD060R36A	48.0	31.2	80.0
TUD080R36A	64.0	41.6	80.2
TUD080R48A	64.0	41.6	80.0
TUD100R36A	80.0	52.0	80.6
TUD100R48A	80.0	52.0	81.0
TUD100R60A	80.0	52.0	81.0
TUD100R60B	80.0	52.0	80.0
TUD120R54A	96.0	62.4	80.0
TUD120R60A	96.0	62.4	80.0
TUD140R60A	112	72.8	80.0

* ISOLATED COMBUSTION SYSTEM

Since The Trane Company has a policy of continuous product improvement, it reserves the right to change specifications and design without notice.

ACCESSORIZING FOR MORE COMFORT AND EFFICIENCY.

With the right heating system installed, nothing can improve your comfort and system efficiency more than genuine Trane accessories, also available from your Trane dealer.

Trane Electronic Air Cleaners work right along side the XL 80. They take some of the dirty work out of house cleaning by filtering out up to 92% of the airborne dust particles circulating in your home. As small as a suitcase, each model features reusable filters and costs less than a 40-watt light bulb to operate.

The XT 302 Programmable Thermostat enhances efficiency at the touch of a button. It's like a clock attached to your system, programmed with a whole week's worth of instructions that tailor XL 80 comfort to your lifestyle.



It's Hard To Stop A Trane.™



All model designs are certified by the American Gas Association Laboratories to comply with national standards for safety, performance and durability.



Printed on Recycled Paper.

THE TRANE COMPANY
Unitary Products Group
6200 Troup Highway
Tyler, Texas 75707

An American-Standard Company



THE XE 1000 CUTS THE COST OF SUMMER COMFORT.

An XE 1000 can help you cut the cost of comfort this summer and for many summers to come. You will get more cooling for fewer energy dollars with a XE 1000. So, whether you are choosing a system for a new home or replacing the system in an existing home the XE 1000 is a good choice.

When you buy an air conditioning system for your home there are some things you should consider. Things like: how reliable will my unit be, will it keep my home comfortable, how much will it cost me to operate, and how much can I save with a high efficiency unit?

First, choose a name you can trust. A name like Trane. Trane air conditioners are among the most efficient and reliable in the industry. We've been making quality air conditioners for over 50 years. And, you can feel confident that we'll be here when you need us in the future. Next, let your local Trane dealer do an energy analysis on your home so you can get a system that will provide the right amount of cooling for your particular needs and lifestyle.

Then you are ready to look at efficiency. How efficient your unit is determines how much it will cost to operate.

THE XE 1000...DESIGNED FOR EFFICIENCY.

Each part of the XE 1000 was designed to save energy. From our Trane-built high efficiency Climatuff™ compressor to the Spine Fin™ coils and precision balanced fan blades, we designed each component to work together smoothly and efficiently.

But, how can you know if your unit is efficient? It's easy, every air conditioning system has a rating for cooling efficiency called a Seasonal Energy Efficiency Ratio (SEER). SEERs are a standard measurement of cooling efficiency used by the U.S. Department of Energy. Effective in 1992, the law prohibits the manufacturing of any air conditioner with less than 10 SEER. The XE 1000 meets or exceeds those standards today. Besides, the higher the SEER the more efficient the system...and the lower your energy bills will be.

THERE'S AN XE 1000 TO FIT YOUR NEEDS.

The XE 1000 model family comes in a size to just fit your needs. There are nine capacities to choose from. If you need a one ton or a five ton there's a XE 1000 just for you. Each one is rated with SEER's over 10*. Now, that's comfort.

TAKE COMFORT IN THE MAN FROM TRANE.

One of our most important features is our network of factory trained dealers. Our dealers have the special training to help you select a system that is just right for you. When buying a cooling system, selecting the right size is crucial. A unit that is too small lacks the capacity to give you the comfort you want. A unit that is too large not only costs more to buy but it also costs more to operate. Your Trane dealer can guide you in the right direction, so when you make a decision it's one you'll be comfortable with.

Call your local Trane dealer today and let him help you choose the right XE 1000 for your home.



*Ratings are established according to Air-Conditioning & Refrigeration Institute procedures and will vary depending on indoor blower/coil installed as part of your system.

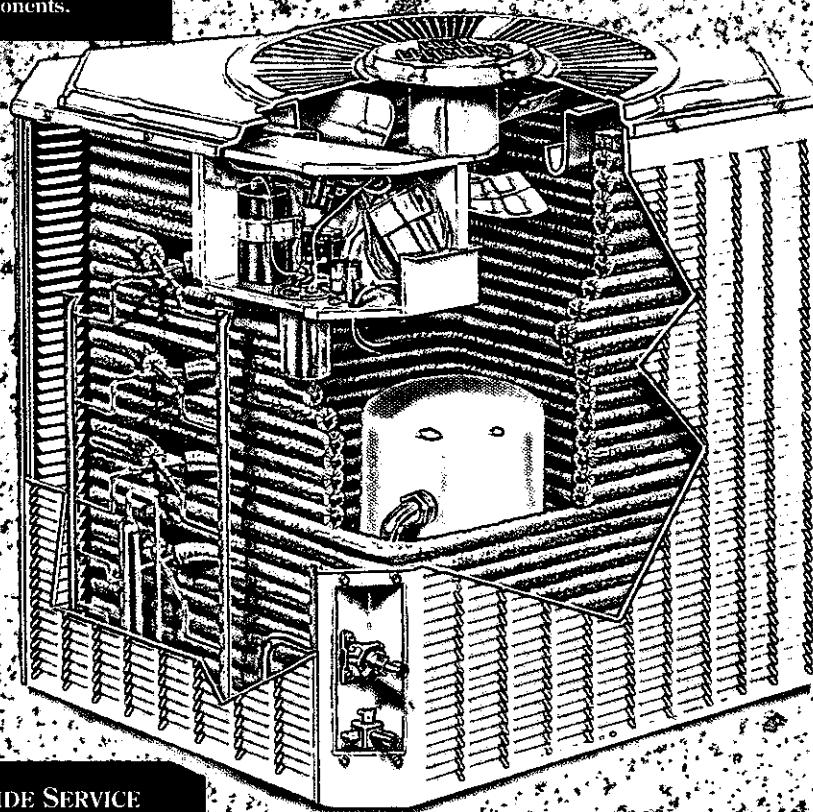
EXTRA ENERGY- SAVER FAN MOTOR

The fan motor and precision balanced fan blades were designed for energy efficiency.

ELECTRICAL CONTROL BOX

Mounted high in the unit to keep out moisture and for easy access to components.

THE XE 1000... BUILT FOR COMFORT AND EFFICIENCY



SINGLE SIDE SERVICE

All electrical and refrigeration circuits are behind an easily removed side panel for quick, easy service should it be required.

EXTERNAL BRAZE FITTINGS

Installation is quick and easy. Each valve has a high and low service port for ease of checking the operating refrigerant pressures.

REFRIGERANT FILTER-DRIER

Prolongs unit life and increases reliability by keeping refrigerant clean and dry.

COMPACT CABINET WITH GALVANIZED STEEL LOUVERS

On all four sides for full coil protection and lasting beauty.

CERAMIC COATED SCREWS

Holds it all together beautifully. Resists rust and corrosion.

LOUVERED STEEL TOP

Computer-designed starburst top is attractive and functional. It shields the unit from leaves and debris and directs noise and hot discharge air upwards.

SILVER GRAY FINISH

Blends with any architectural style. Powder paint covers surfaces uniformly increasing protection from rust and corrosion. Stays beautiful for years.

SPINE FIN™

ALL ALUMINUM COIL

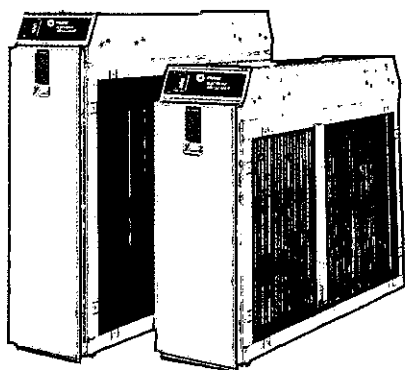
Internally grooved, continuous tubes help prevent refrigerant leaks and increase efficiency. So corrosion resistant it's backed by a 5-year limited warranty.

CLIMATUFF™ COMPRESSOR

Now more efficient than ever and backed by a 5-year limited warranty. Proven design made especially for the higher efficiencies required today. More reliable operation.

You can take comfort in Trane warranties:
• 5-year limited warranty on compressor
• 5-year limited warranty on coil
• 1-year limited warranty on parts
• Optional extended warranties available

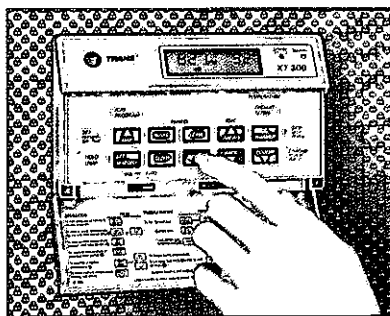
ASK ABOUT OUR COMPLETE LINE OF ACCESSORIES.



HELP KEEP YOUR HOME CLEAN WITH AN ELECTRONIC AIR CLEANER.*

The Trane Electronic Air Cleaner* takes dust particles out of the air so they don't settle on drapes or furniture. It also removes smoke, pollen and some bacteria which are so small you can't see them without a microscope. It helps your home stay clean while using less energy than a 40-watt bulb.

Since The Trane Company has a policy of continuous product improvement, it reserves the right to change specifications and design without notice. Read important energy cost and efficiency information available from your dealer.



TRANE OFFERS A COMPLETE LINE OF ENERGY SAVING THERMOSTATS.*

An electronic programmable thermostat* from Trane offers real energy savings. You can program it to make temperature changes up to four times per day, which saves energy while you sleep or when you are away for the day. Different weekend schedules are also available. It's comfort that fits your lifestyle.

Trane offers a complete line of programmable, automatic and manual thermostats to fill your comfort control needs.

*Optional accessory, purchased separately.

XE 1000 AIR CONDITIONER*

MODEL	HEIGHT	WIDTH	DEPTH
4TTR012C	24	18	18
4TTR018C	24	18	18
4TTR024C	24	18	18
4TTR025C	25	24	20
4TTR030C	25	28	25
4TTR036C	25	28	25
4TTR042C	33	28	25
4TTR048C	33	28	25
4TTR060C	41	33	29

* DIMENSIONS IN INCHES



CONSERVE ENERGY. PRESERVE THE ENVIRONMENT.

Energy saved has a very positive impact on global warming. That's why it's so important for us to continually engineer more energy efficiency into our products. And it's just as important for you to demand products that live up to tougher, more stringent energy standards. It's a small part. But we all know what's at stake.



TRANE™

Take comfort in the man from Trane.



Certified by the Air Conditioning and Refrigeration Institute, Standard 210 and 270.



Listed by Underwriters Laboratory.



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