

UFCU
NEW JERSEY
UNION FINANCIAL CREDIT UNION

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

1. Proposed Work Site at: 856 Rt 70

2. Name of Owner in Fee: Windmill Tel. (958) 458-7774
Address 856 Rt 70 Brick 08724
street municipality zip code

3. Ownership in Fee: Public Private

4. Principal Contractor: Smyth & Elk Mkt Tel. (732) 262-3444
Address 111 Valencia Dr Brick NJ 08723
License No. OR, if new home Builder Reg. No. 13448 Exp. Date
Federal Employee No. FAX: ()

5. Architect or Engineer Tel. ()
Address

6. Responsible Person in Charge of Work Edward T. Smyth Jr.
Tel. (732) 262-3444 FAX (732) 262-4774

		Update	Update
1. Building	\$ 71	35	✓
2. Electrical	26		
3. Plumbing	92		
4. Fire Protection			
5. Elevator Devices			
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$		
9. DCA Training Fee	1		
10. Subtotal			
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ 239		

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 _____

(office use only)

1. ☐ Minor Work
2. ☐ New Building
3. ☐ Addition
4. ☐ Alteration
5. ☐ Fire Protection
6. ☒ Plumbing
7. ☒ Electrical
8. ☐ Elevator Devices
9. ☐ Asbestos Abat. Subch. 8
10. ☐ Lead Hazard Abatement
11. ☐ Demolition

Est. Cost

Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re- viewer	Resubmission Dates		Re- viewer
					Approval	Rejection	
2/11/03	4/7						
			4-11-03	of	5-1-03		
			4/10/03	no			4-25-03
			4-9-03	AM	5/8/03		7-25-03

- ☐ Partial Releases
- ☐ Prototype Processing

1. ☐ Elevators/ Escalators/Lifts/
Dumbwaiters/Moving Walks

2. ☐ High Pressure Boilers

3. ☐ Pressure Vessels

4. ☐ Refrigeration Systems

5. ☐ Cross-Connections/Backflow Preventers

6. ☐ Hazardous Uses/Places of Assembly

7. ☐ Sprinklers

8. ☐ Smoke Control Systems in Open Wells

9. ☐ Underground Storage Tanks

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

Net Gain or Loss

1. State Specific Use:

1. State Specific Use:

2. Use Group:

3. Change in Use Group, Indicate Former:



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 02/11/2009
Control Number _____
Permit Number 03-1423
Permit Issue Date 04/21/2003
Certificate Number 03-1423

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 856 ROUTE 70 A/C & FURNACE, NJ Block: 852 Lot: 4.01 Qual: _____
Owner in Fee: WINDMILL
Owner Address: SAME BRICK NJ 08724-
Telephone: 732/458-7774
Contractor _____
Address _____
Telephone: _____ Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: _____
Home Warranty Number: _____
Type of Warranty Plan: ☐ State ☐ Private
Use Group: U Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work/Use: _____

Certificate Comments:

☐ **Certificate of Occupancy**

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

☒ **Certificate of Approval**

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

☐ **Certificate of Continued Occupancy**

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

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

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

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

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

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

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than:
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

Construction Official

Fee: \$0.00
Check Number: _____
Collected By: _____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 04/07/2003
Date Issued 4/21/03
Control # 600-52
Permit # 031423

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

Block 852 Lot 4.01 Qual
Work Site Location 856 ROUTE 70

A/C & FURNACE
Owner in Fee WINDMILL

Address SAME
BRICK, NJ 08724-

Tele. (732) 458-7774

Contractor SOUTH 1 CON

Address 111 VALENCIA DR

BRICK, NJ

Tele. (732) 262-3444

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 15-4745185

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present U Proposed U
Constr Class Present Proposed

Heating Systems [X] New [] Existing [] HVAC

Type: [X] Gas [] Oil [] Elect [] Solar

[] Other

Location: ROOF

Total Est Cost of Fire Prot Work \$ 100

JOB SUMMARY (Office Use Only)

PLAN REVIEW

Joint Plan Review Required:

[] Bldg [] Elect

[] Plumb [] Elevator

[] Fire Plans Approved

Date: 4-11-03

Approved by: [Signature]

SUBCODE APPROVAL

[] CO [] CCO

Date: 4-27-03

Approved by: [Signature]

INSPECTIONS

Type Failure Failure Approval Initial

Alarm Sys

Suppr Test

Standpipe

Fire Pump

Prefng Sys

Mechanical

Smoke Ctl

TCO

Final

Other

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: [] Flammable Liquid [] Combust Liquid

[] LPG [] LNG Capacity 0 Fuel

Alarm Systems [] 110V Interconnected NUMBER

[] System

Alarm Devices (smoke, heat, pull, water/flow)

Supervisory Devices (tampers, low/high air)

Signalling Devices (horn/strobes, bells)

Other Devices

TOTAL

Suppression Systems

Fire Pump 0 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

Kitchen Hood Exhaust System

Smoke Control System

Gas [] or Oil [] Fired Appliances

Other 2 FURNACES

Other

Other

Other

Other

Paid [] Check #

Collected by:

DCA State Permit Fee

FEE (Office Use Only)

Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 92
DCA State Permit Fee \$

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature

CERTIFICATION IN LIEU OF OATH

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

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

Mark the following applicable boxes:

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

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

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

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

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

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

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

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

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

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

Signature _____ Date _____

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

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

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

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

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

☐ Check if contractor.

Agent Name _____

Address _____

Telephone (_____) _____

Signature _____

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

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 04/07/2003
Date Issued 4/21/03
Control # 008-52
Permit # 031423

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

Block 892 Lot 4.01 Qual
Work Site Location 856 ROUTE 70

A/C & FURNACE

Owner in Fee MINDMILL

Address SAME

BRICK, NJ 08724-

Tele. (732) 458-7774

Contractor SMITH 1 ELECTRIC

Address 111 VALENCIA DR

BRICK, NJ 08723-

Tele. (732) 262-3444

Lic. No. or Bldrs. Reg. No.

Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS

Use Group - Present U Proposed U

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

Building Occupied as Utility Co.

Estimated Cost of Electrical Work \$ 500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

No Plans Required

Joint Plan Review Required:

[] Bldg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date: 4/9/03

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date: 4/23/03

Approved By: [Signature]

INSPECTIONS

Type Failure Dates (Month/Day) Initial

Rough

Temp Serv

Const Serv

Other

Service

Final

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

D. TECHNICAL SITE DATA

NO. SIZE

0 0

0 0

2 0

0 0

0 0

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2 0

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FEE (Office Use Only)

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TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 04/07/2003
Date Issued 4/14/03
Control # 608-52
Permit # 03 1423

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

D. TECHNICAL SITE DATA (list all fixtures.)

Block 852 Lot 4.01 Qual
Work Site Location 856 ROUTE 70

A/C & FURNACE

Owner in Fee WINDMILL

Address SAME

BRICK, NJ 08724-

Tele. (332) 458-7774

Contractor SOUTH 1 CON

Address 111 VALENCIA DR

BRICK, NJ

Tele. (332) 262-3444

Lic. No. or Bldgs. Reg. No.

Federal Emp. No.

8. PLUMBING CHARACTERISTICS

Use Group Present U Proposed U
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 750

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required

Joint Plan Review Required:

☐ Bldg ☐ Elect

☐ Fire ☐ Elevator

☐ Plumb. Plans Approved

Date: 4/10/03

Approved by: [Signature]

SUBCODE APPROVAL

☐ CO ☐ CC ☒ CA

Approved by: [Signature]

Date: 4-25-03

C. CERTIFICATION IN LIEU OF OATH

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

Signature/Contractor Seal

☐ Licensed Plumbing Contractor ☐ Exempt Applicant

NO.

FEE (Office Use Only)

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other 2 A/C

Paid ☐ Check #

Collected by:

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA State Permit Fee \$

No contractor and ladder on site

Window closed

(F) tech



INVESTIGATION OF INSPECTIONS
401 CHAMBERS BRIDGE RD
MOUNTAIN BRICK

TECHNICAL SECTION
SUBCODE
FIRE PROTECTION
NOC NEW JERSEY

Belmont #
County # 008-25
Date Issued
Date Received 04/03/2002

SHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 04/29/2003
Date Issued 01/01/1954
Control #
Permit # 03-1423+A

Called 5/2/3

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

Block 852 Lot 4.01 Qual
Work Site Location 856 ROUTE 70

Owner in Fee WINDMILL
Address SAME
BRICK, NJ 08724-

Tele. (732) 458-7774

Contractor SMITH 1 ELEC MECH CONTRACT

Address 111 VALENCIA DR

BRICK, NJ

Tele. (732) 262-3444

Lic. No. of Bldg's Reg No 13448

Federal Emp. No. [REDACTED]

B. ELECTRICAL CHARACTERISTICS

Use Group - Present U Proposed U

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

Building Occupied as Utility Co.

Estimated Cost of Electrical Work \$ 250

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required

Joint Plan Review Required:

[] Bldg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date: 5/2/03

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [X] CA

Date: 5/2/03

Approved By: [Signature]

C. CERTIFICATION IN LIEU OF OATH

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

Applicant's Signature/Contractor's Seal and Signature

[] Licensed Electrical Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

NO. SIZE

0 1

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FEE (Office Use Only)

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Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA State Permit Fee \$

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Update Issued 05/06/2003
Control #
Permit # 03-1423+A
Permit Issued 04/21/2003

UCC NEW JERSEY
PERMIT UPDATE

IDENTIFICATION Block 852 Lot 4.01 Qual
Work Site Location 856 ROUTE 70
Owner in fee WINNIT ELECTRICAL WORK
Address SAN
Telephone BRICK, NJ 08724-
(332)458-7774
Contractor SMITH 1 ELEC MECH CONTRACT
Address 111 VALENCIA DR
BRICK, NJ
Tel/Phone (732)262-3444
Lic. No. or Bids. Reg. No. 12448
Federal Emp. No.

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:
RECEPS

PAYMENTS (Office Use Only)

Building 0
Electrical 35
Plumbing 0
Fire Protection 0
Elevator Devices 0
Other 0
DCA State Permit fee 0
Cert. of Occupancy 0
Total 35
Check No. 1680
Cash
Collected By JE

Estimated Cost of Work \$ 250

Construction Official DF 05/06/2003

U.C.C. F190 (rev. 3/96)

Date

05/06/03 8:08AM 000000#9744
#031423
ELECTRIC
CHECK
\$35.00
\$35.00
XX06 SERV.006

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

NEW JERSEY
CONSTRUCTION
PERMIT

Date Issued 04/21/2003
Control #
Permit # 02-1423

IDENTIFICATION Block #02 Lot #A-1

Unit Site Location 350 SOUTH 72
AND A FURNACE
Owner In Fee AMERILL
Address 3401
BRICK, NJ 08723
Telephone (732) 453-7073

Contractor SMITH ELECTRIC
Address 11 WILKINSON RD
BRICK, NJ 08723
Telephone (732) 322-1444
Lic. No. or Bldg. Reg. No.
Federal Emp. No.

Is hereby awarded permission to perform the following work:
1 1 WELDING 1 1 LEAD HEAVY APPOINTMENT
1 1 ELECTRICAL 1 1 FIRE PROTECTION 1 1 DEMOLITION
1 1 ELEVATOR DEVICES 1 1 ASBESTOS ABATEMENT 1 1 OTHER
(Subchapter 2 only)
DESCRIPTION OF WORK:
A/C AND FURNACE

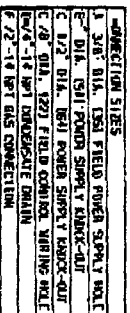
NOTE: If construction does not commence within one (1) year of date of issuance,
or if construction ceases for a period of six (6) months, this permit is void.
Estimated cost of work \$ 1,350
Construction Official *[Signature]* 04/21/2003
Date

PAYMENTS (Office Use Only)

Building	0
Electrical	71
Plumbing	70
Fire Protection	52
Elevator Device	0
Other	0
DCA State Permit Fee	1
Cert. of Occupancy	0
Other	0
Total	194
Check No.	1571
Cash	0
Collected By	EP

04/21/03 9:41AM 000000089260
XX07 SERV.007
#031423
ELECTRIC \$71.00
PLUMBING \$70.00
FIRE \$92.00
DCA \$1.00
CHECK \$234.00

P. 02



ELECTRICAL DATA (Without Convenience Outlet)

181M001-014

UNIT 48TM	NOMINAL VOLTAGE	IFM TYPE	VOLTAGE RANGE		Qty	COMPR (sa)		Qty	OFM (sa)		IFM	COMBUSTION FAN MOTOR FLA	POWER SUPPLY*		DISCONNECT SIZE†	
			Min	Max		RLA	LRA		Hp	FLA			MCA	MOCPT*	FLA	LRA
004 (3 Tons)	208/230-1-60	Std	187	254	1	16.2	96.0	1	1/4	1.4	3.5	.6	25.2/25.2	30/30	24/24	106/106
		Alt									4.9		26.6/26.6	35/35	26/26	111/111
	208/230-3-60	Std									3.5		17.7/17.7	26/26	17/17	85/85
		Alt	187	254	1	10.2	75.0	1	1/4	1.4	4.9	.6	19.1/19.1	25/25	19/19	90/90
		High									5.2		19.4/19.4	25/25	19/19	109/109
	460-3-60	Std									1.3		7.6	15	7	44
		Alt	414	508	1	4.4	40.0	1	1/4	0.8	2.1	.3	8.4	15	8	48
		High									2.6		8.9	15	9	57
	575-3-60	Std									1.3		5.5	15	6	35
		Alt	518	632	1	3.7	31.0	1	1/4	0.8	2.1	.3	6.0	15	7	37
		High									2.6		6.3	15	7	58
005 (4 Tons)	208/230-1-60	Std	187	254	1	15.4	90.0	1	1/4	1.4	3.5	.6	34.0/34.0	40/40	32/32	129/129
		Alt									4.9		35.4/35.4	45/45	34/34	133/133
	208/230-3-60	Std									3.5		24.2/24.2	30/30	23/23	101/101
		Alt	187	254	1	15.4	90.0	1	1/4	1.4	4.9	.6	25.6/25.6	30/30	25/25	105/105
		High									5.2		25.9/25.9	30/30	25/25	124/124
	460-3-60	Std									1.8		19.0	20	13	51
		Alt	414	508	1	8.3	45.0	1	1/4	0.8	2.1	.3	18.3	20	13	53
		High									2.6		18.8	20	13	62
	575-3-60	Std									1.8		9.2	15	10	41
		Alt	518	632	1	6.4	36.0	1	1/4	0.8	2.1	.3	9.9	15	10	42
		High									2.6		9.7	15	10	49
006 (5 Tons)	208/230-1-60	Std	187	254	1	28.8	147.0	1	1/4	1.4	5.9	.6	43.3/43.3	60/60	42/42	161/161
		Alt									6.6		44.0/44.0	60/60	42/42	184/184
	208/230-3-60	Std									5.9		27.3/27.3	35/35	27/27	128/128
		Alt	187	254	1	16.0	114.0	1	1/4	1.4	6.2	.6	26.6/26.6	35/35	26/26	148/148
		High									7.5		28.9/28.9	35/35	29/29	174/174
	460-3-60	Std									3.1		13.2	20	13	71
		Alt	414	508	1	7.4	64.0	1	1/4	0.8	2.6	.3	13.5	20	13	81
		High									3.4		13.5	20	13	93
	575-3-60	Std									3.1		9.7	15	11	58
		Alt	518	632	1	6.2	52.0	1	1/4	0.8	2.6	.3	9.9	15	11	65
		High									3.4		9.9	15	11	76
007 (6 Tons)	208/230-3-60	Std	187	254	1	20.5	146.0	1	1/4	1.4	5.2	.6	32.4/32.4	40/40	31/31	180/180
		High									7.5		34.7/34.7	40/40	34/34	205/205
	460-3-60	Std	414	508	1	9.5	73.0	1	1/4	0.9	2.6	.3	15.4	20	15	90
		High									3.4		16.2	20	16	103
	575-3-60	Std	518	632	1	7.6	58.4	1	1/4	0.6	2.6	.3	11.4	15	12	79
		High									3.4		11.9	15	13	86
008 (7 1/2 Tons)	208/230-3-60	Std	187	254	2	14.0	91.0	2	1/4	1.4	5.8	.6	40.1/40.1	45/45	42/42	229/229
		Alt									5.8		40.1/40.1	45/45	42/42	229/229
		High									10.6		44.9/44.9	50/50	48/48	273/273
	460-3-60	Std	414	508	2	6.4	42.0	2	1/4	0.7	2.6	.3	18.4	20	19	108
		Alt									2.6		18.4	20	19	108
		High									4.8		20.6	25	22	130
	575-3-60	Std	518	632	2	5.2	39.0	2	1/4	0.7	2.6	.3	14.9	20	16	97
		Alt									2.6		14.9	20	16	97
		High									4.8		16.7	20	18	114
009 (8 1/2 Tons)	208/230-3-60	Std	187	254	2	17.9††	120.0††	2	1/4	1.4	5.8	.6	44.3/44.3	50/50	46/46	272/272
		High									10.6		49.1/49.1	60/60	52/52	318/318
	460-3-60	Std	414	508	2	7.9††	70.0††	2	1/4	0.7	2.6	.3	21.0	25	22	149
		High									4.8		23.2	30	24	171
	575-3-60	Std	518	632	2	5.5††	50.0††	2	1/4	0.7	2.6	.3	16.7	20	17	109
		High									4.8		18.5	25	19	128

See Legend and Notes on page 93.

UNIT SIZE 48TM			E/F/M/N004	D/E/F/L/M/N005	D/E/F/L/M/N006	D/E/F007
FURNACE SECTION						
Rollout Switch Cutout			195	195	195	195
Temp (F)††						
Burner Orifice Diameter (in. ...drill size)						
Natural Gas	Std	TMD	—	.113...33	.113...33	.113...33
		TME	.113...33	.113...33	.113...33	.113...33
		TMF	.113...33	.129...30	.129...30	.129...30
		TML	—	.102...38	.102...38	—
		TMM	.102...38	.102...38	.102...38	—
		TMN	.102...38	.116...32	.116...32	—
Liquid Propane	Alt	TMD	—	.089...43	.089...43	.089...43
		TME	.089...43	.089...43	.089...43	.089...43
		TMF	.089...43	.104...37	.104...37	.104...37
		TML	—	.082...45	.082...45	—
		TMM	.082...45	.082...45	.082...45	—
		TMN	.082...45	.084...42	.084...42	—
Thermostat Heat Anticipator						
Setting (amps)						
208/230 v and 575 Stage 1			.14	.14	.14	.14
Stage 2			.14	.14	.14	.14
460 v Stage 1			.14	.14	.14	.14
Stage 2			.14	.14	.14	.14
Gas Input (Btuh)	Standard Units (Stage 1/Stage 2)	TMD	—	—74,000	—74,000	—74,000
		TME	—74,000	—115,000	—115,000	—115,000
		TMF***	82,000/115,000	120,000/150,000	120,000/150,000	120,000/150,000
			72,000	72,000	72,000	—
			115,000	115,000	115,000	—
			150,000	150,000	150,000	—
Low NOx Units		TML†††	—	80,000	80,000	—
		TMM†††	80,000	80,000	90,000	—
		TMN†††	90,000	120,000	120,000	—
Efficiency (Steady State) (%)			80	80	80	80
Temperature Rise Range		TMD	—	15-45	15-45	15-45
		TME	15-45	35-65	35-65	35-65
		TMF	55-85	50-80	50-80	50-80
		TML	—	20-50	20-50	—
		TMM	20-50	30-60	30-60	—
		TMN	30-60	40-70	40-70	—
Manifold Pressure (in. wg)						
Natural Gas	Std		3.5	3.5	3.5	3.5
Liquid Propane	Alt		3.5	3.5	3.5	3.5
Gas Valve Quantity			1	1	1	1
Gas Valve Pressure Range						
Psig			0.180-0.487	0.180-0.487	0.180-0.487	0.180-0.487
in. wg			5.0-13.5	5.0-13.5	5.0-13.5	5.0-13.5
Field Gas Connection						
Size (in.)			1/2	1/2	1/2	1/2
HIGH-PRESSURE SWITCH (psig)						
Standard Compressor				450 ± 50		500 ± 50
Internal Relief (Differential)						
Cutout				428		428
Reset (Auto.)				320		320
LOW-PRESSURE SWITCH (psig)						
Cutout				7 ± 3		
Reset (Auto.)				22 ± 7		
FREEZE PROTECTION THERMOSTAT (F)						
Opens				30 ± 5		
Closes				45 ± 5		
OUTDOOR-AIR INLET SCREENS						
Quantity...Size (in.)				Cleanable		
				1...20 x 24 x 1		
RETURN-AIR FILTERS						
Quantity...Size (in.)				Throwaway		
				2...16 x 25 x 2		

LEGEND

Al — Aluminum
Bhp — Brake Horsepower
Cu — Copper

*Evaporator coil fin material/condenser coil fin material. Contact your local representative for details about coated fins.

†Weight of 14-in. roof curb.

—Single phase/three-phase.

††Rollout switch lockout is manually reset by interrupting power to unit or resetting thermostat.

***Three-phase standard high heat models have heating input values as shown. Input values as follows:

48TMF004 — 115,000 Btuh

48TMF005,006 — 150,000 Btuh

†††California SCAQMD compliant Low NO_x models have combustion products that are controlled to 40 nanograms per joule or less.

NOTE: High-static motor not available on single-phase units.

NEW UNIT

BRYANT:

548C, 551A, B 558C, D, F

580C, D, F 581A, B 036-072

EXISTING UNIT

BRYANT: 579D 036-060

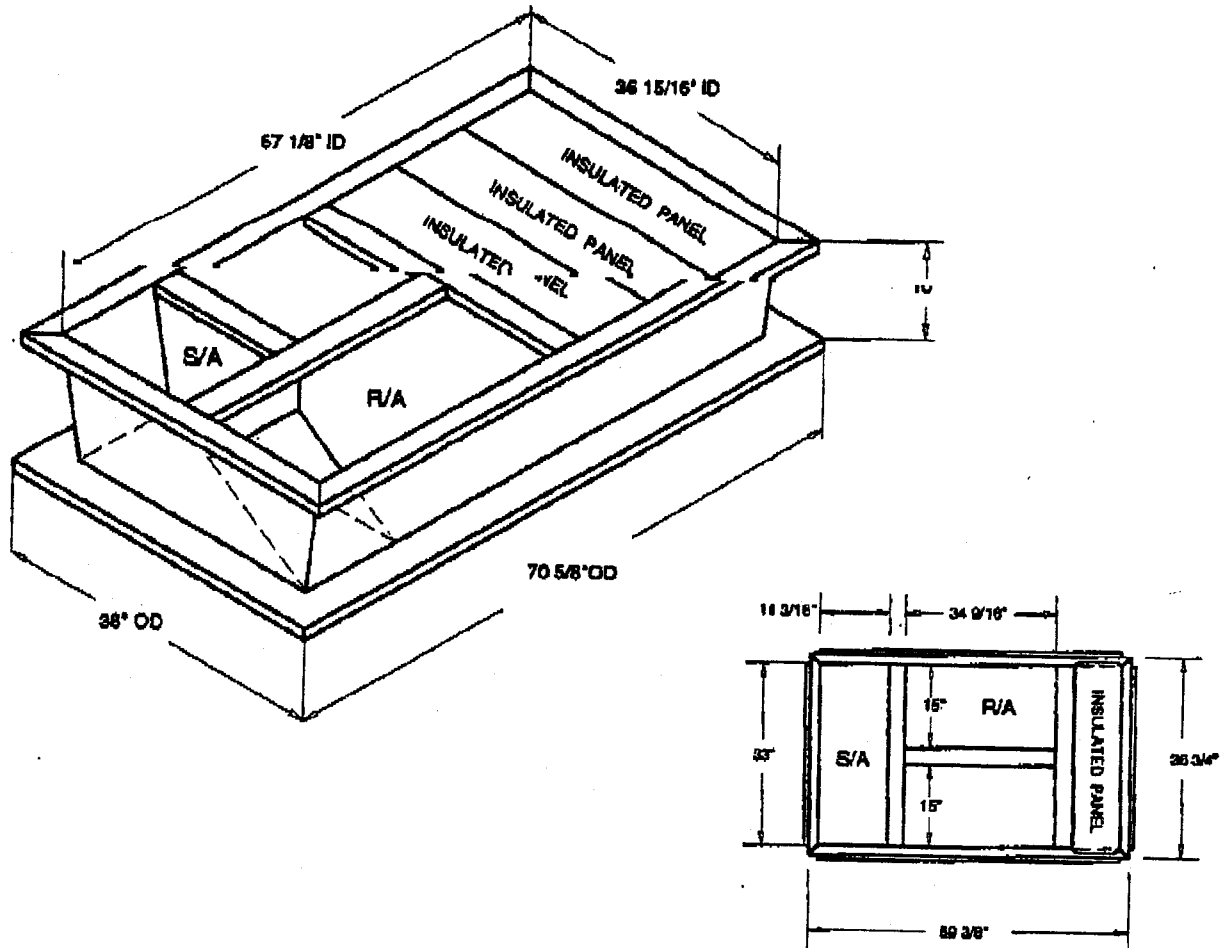
CARRIER: 48HD 007;

48HDT 005, 006;

48-LDT 004-006

FEATURES

- ▶ One-piece welded construction
- ▶ Gasketing provided for unit to adapter sealing
- ▶ Curb adapter body fabricated of heavy gauge galvanized steel
- ▶ Fully insulated with 1" - 1½ Lb. density insulation
- ▶ All welds sprayed with galvanizing compound
- ▶ Sloped design for even weight distribution to existing curb
- ▶ Factory installed supply transition



Existing Curb