

BLOCK 446.05 LOTS 3,4,5 QUALIFICATION CODE _____ ADDRESS (SITE) 580 Brick Blvd - Golf Day PERMIT NO. 04-3663



CONSTRUCTION PERMIT APPLICATION

C17.00

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

I. IDENTIFICATION

1. Proposed Work Site at: 580 Brick Blvd - Golf Day - Brick, NJ 08723
2. Name of Owner in Fee: Riviera Realty Tel. ()
Address Same street municipality zip code
3. Ownership in Fee: Public ☒ Private ☐
4. Principal Contractor: Carters Heating & Cooling Tel. (732) 341-0777
Address 1889 Unit 86 Towns River NJ 08755
License No. OR, if new home, Builder Reg. No. Exp. Date
Federal Employee No. 223778448 FAX: (732) 341-0776
5. Architect or Engineer Tel. ()
Address
6. Responsible Person in Charge of Work Anthony Muccio
Tel. (732) 341-0777 FAX (732) 341-0776

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>55</u>		
2. Electrical	<u>40</u>		
3. Plumbing	<u>40</u>		
4. Fire Protection			
5. Elevator Devices			
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$ <u>9</u>		
9. DCA Training Fee			
10. Subtotal			
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>150</u>		

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 _____
no _____
11. Max. Live Load _____
12. Max. Occupancy Load _____

(office use only)

II. PROPOSED WORK	Est. Cost	OPTIONAL (for office use only)							
		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. ☐ Alteration									
5. ☐ Fire Protection									
6. ☒ Plumbing									
7. ☒ Electrical									
8. ☐ Elevator Devices									
9. ☐ Asbestos Abat. Subch. 8									
10. ☐ Lead Hazard Abatement									
11. ☐ Demolition									
TOTAL COSTS	<u>16,000.00</u>								

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

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

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 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 Charles Muccio _____

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



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 446.05 Lot's 34.5
Work Site Location 580 Brick Blvd - Golf Day
Brick, NJ 08723
Owner in Fee Riviera Realty
Address Same

Tele. (732) 477-2660
Contractor Maone Mechanical
Address 56 Gold Street
Princeton, NJ 08753
Tele. (732) 341-0777 Fax (732) 341-0776
Lic. No. 8649
Federal Emp. No. 143497642

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 \$ 2,000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS		Dates (Month/Day)	
☒ No Plans Required	Type:	Failure	Approval	Initial	
Joint Plan Review Required:					
☐ Building	☐ Electric				
☐ Fire	☐ Elevator				
☐ Plumbing Plans Approved	Fixtures				
Date: <u>8/18/04</u>	Gas Equipment				
Approved by: <u>[Signature]</u>	Gas Piping				
SUBCODE APPROVAL					
☐ CO	☐ CCO	☒ CA			
Date: <u>02-02-09</u>	TCO				
Approved by: <u>PA</u>	<u>FINAL</u>				
					<u>02-02-09 PA</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 — Contractor's Seal
[Signature]

☒ Licensed Plumbing Contractor ☐ Exempt Applicant



Date Received
Date Issued
Control #
Permit #

8-26-04
04-3663

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
Steam Boiler
Hot Water Boiler
Sewer Pump
Interceptor/Separator
Backflow Preventer
Greasetrap
Sewer Connection
Water Service Connection
Stacks
Other A/C
Other
Other

Administrative Surcharge \$
Minimum Fee \$
DCA Training Fee \$
TOTAL FEE \$

FEE (Office Use Only)
\$

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

NEW JERSEY
CONSTRUCTION
PERMITS

Date Issued 08/26/2004
Control #
Permit # 04-3663

IDENTIFICATION Block 446.05 Lot 3 Dual

Work Site Location 580 BRICK BLVD
REPLACE A/C/FURNACE

Owner in Fee LAKE RIVIERA CD LP
Address SAME
BRICK, NJ 08723-
Telephone () -

Contractor CARTERS HEATING & COOLING
Address 1899 RT 9 UNIT 86
TOMS RIVER, NJ 08755-
Telephone (732) 341-0777
Lic. No. or Bldgs. Reg. No. 53254
Federal Emp. No. 22-3778448

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:
A/C/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 \$ 6,000
Construction Official *[Signature]* 08/26/2004
Date

PAYMENTS (Office Use Only)	
Building	0
Electrical	55
Plumbing	40
Fire Protection	46
Elevator Devices	0
Other	0
DCA State Permit Fee	9
Cert. of Occupancy	0
Other	0
Total	150
Check No.	1124
Cash	
Collected By	MJR

08/26/04 1:28PM 00155842261
#3663
ELECTRIC \$55.00
PLUMBING \$40.00
FIRE \$46.00
DCA \$9.00
CHECK \$150.00
#X02 SERV.002

RECEIVED
JAN 10 1964
U.S. AIR FORCE

RECEIVED
JAN 10 1964
U.S. AIR FORCE

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JAN 10 1964
U.S. AIR FORCE



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 446.05 Lots 345 Qualification Code _____
Work Site Location 580 Brick Blvd - Golf Day
Owner In Fee Brickery Realty
Address Same

Tel (732) 477-2000
Contractor Lockers Heating & Cooling
Address 1889 Oakland Rd
Tel (732) 341-0777 FAX (732) 341-0776
Contractor License No. 5325A
Federal Emp. No. 203778448

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 2,000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)		
☒ No Plans Required			Type:	Failure	Approval	Initial
Joint Plan Review Required:			Rough			
☐ Building	☐ Plumbing		Barrier-Free			
☐ Fire	☐ Elevator		Trench			
☐ Elec. Plans Approved			Temp. Serv.			
Date: <u>2/23/04</u>			Constr. Serv.			
Approved by: <u>[Signature]</u>			TCO			
			Other			
			Service			
			Final			
			Barrier-Free			
SUBCODE APPROVAL			Temp. Cut-in-Card Date Issued			
☐ CO	☐ CCO	☐ CA	Final Cut-in-Card Date Issued			
Date: _____			Annual Pool Inspection			
Approved by: _____			Date of Grounding and Bonding			
			Certification			

U.C.C. F120 (rev. 07/03) Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

Date Received
Control #

8-26-04
04-36603

Date Issued
Permit #

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent or) 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
[Signature]

☐ Licensed Elec. Contractor ☐ Certified Landscape Irrigation Contr ☐ Exempt Applicant

D. TECHNICAL SITE DATA

QTY. SIZE ITEMS

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

TOTAL NUMBERS

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

FEE (Office Use Only)

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

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very important document, as it contains the President's annual message to Congress. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

2. The second part of the document is a letter from the Secretary of the Treasury to the President, dated January 10, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Treasury. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

3. The third part of the document is a letter from the Secretary of the Treasury to the Congress, dated January 10, 1862. It is a very important document, as it contains the Secretary's report to the Congress on the state of the Treasury. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

4. The fourth part of the document is a letter from the Secretary of the Treasury to the President, dated January 10, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Treasury. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

5. The fifth part of the document is a letter from the Secretary of the Treasury to the Congress, dated January 10, 1862. It is a very important document, as it contains the Secretary's report to the Congress on the state of the Treasury. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

6. The sixth part of the document is a letter from the Secretary of the Treasury to the President, dated January 10, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Treasury. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.



**FIRE
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

8-26-04
04-3663

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

Block 446.05 Lot 344.5
Work Site Location 580 Biel Blvd - Golf City
Owner in Fee Biel AS 08723
Address 580 Biel Blvd - Golf City

Tele: (330) 477-2000
Contractor Lesley Heating & Cooling
Address 1938 219 Blvd SE
Tel: (330) 341-0777 Fax (330) 341-0776
Lic. No. 5395A
Federal Emp. No. 223778448

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed Fire Alarm System
Constr. Class Present Proposed New [] Existing []
Heating Systems [] New [] Existing [] HVAC
Type: X1 Gas [] Oil [] Electric [] Solar
Location: Roof top Fire Suppression/Standpipe System
Location of Main Control Valve: New [] Existing []

Total Cost of Fire Protection Work \$ 2900.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS	
Type:	Dates (Month/Day)	Failure	Approval
☒ No Plans Required			
☒ Joint Plan Review Required:			
☐ Building ☐ Plumbing			
☐ Electric ☐ Elevator			
☐ Fire Plans Approved			
Date: <u>8/25/04</u>			
Approved by: <u>[Signature]</u>			
SUBCODE APPROVAL			
☐ CO ☐ CCO ☐ CA			
Date:			
Approved by:			

C. CERTIFICATION IN LIEU OF OATH

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

Signature: [Signature]

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Replacement HVAC Unit (leafed)
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

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

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

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

Other Devices _____

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 _____

Kitchen Hood Exhaust System _____

Smoke Control System _____

Gas X or Oil [] Fired Appliances _____

FEE (Office Use Only)

1603.50

Administrative Surcharge \$ _____

Minimum Fee \$ _____

DCA Training Fee \$ _____

TOTAL FEE \$ _____



**PLUMBING
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

8-26-04
04-36623

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

Block 446.05 Lot's 34.15
Work Site Location 580 Brick Blvd - Cdn Day
Owner in Fee Brick 117 08793
Address Some - Kisco Realty

Tele. (732) 477-2660
Contractor Monte Mechanical
Address 56 Gold Street
Tele. (732) 341-0777 Fax (732) 341-0776
Lic. No. 7606
Federal Emp. No. [REDACTED]

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 \$ 2,600.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS				
Joint Plan Review Required:		Type:	Failure	Failure	Approval	Initial
☐	No Plans Required	Slab	_____	_____	_____	_____
☐	Building ☐ Electric	Rough	_____	_____	_____	_____
☐	Fire ☐ Elevator	Water	_____	_____	_____	_____
☐	Plumbing Plans Approved	Sewer	_____	_____	_____	_____
Date:	<u>8/18/04</u>	Fixtures	_____	_____	_____	_____
Approved by:	<u>[Signature]</u>	Gas Equipment	_____	_____	_____	_____
		Gas Piping	_____	_____	_____	_____
		Solar	_____	_____	_____	_____
		TCO	_____	_____	_____	_____
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.

Signature — Contractor's Seal Monte Mechanical

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

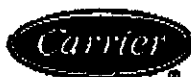
NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

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

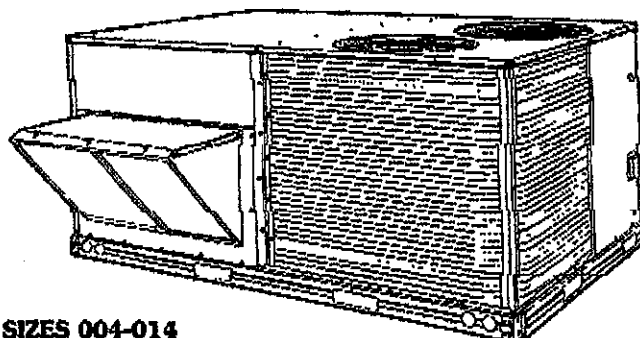
Administrative Surcharge \$
Minimum Fee \$
DCA Training Fee \$
TOTAL FEE \$



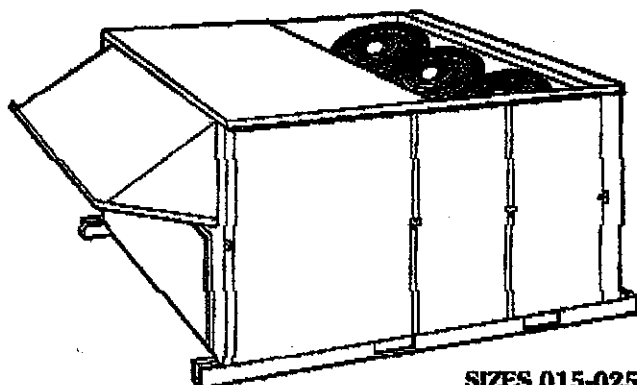
Product Data

WEATHERMAKER® 48TM004-028 WEATHERMASTER® 48HJ004-017 Single-Package Rooftop Units Gas Heating/Electric Cooling

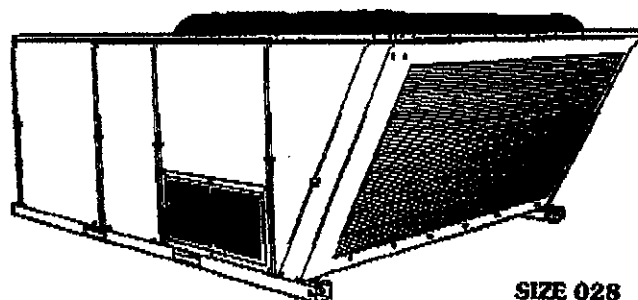
3 to 25 Nominal Tons



SIZES 004-014



SIZES 015-025



SIZE 028



Standard-Efficiency (TM) units meet minimum ASHRAE 90.1 energy efficiency requirements. High-Efficiency (HJ) units will exceed ASHRAE 90.1 energy efficiency requirements. Gas heating with electric cooling rooftop units offer:

- Pre-painted galvanized steel cabinet for long life and quality appearance
- Commercial strength base rails with built-in rigging capability
- Convertible design for vertical or horizontal supply/return (004-014 only)
- Non-corrosive, sloped condensate drain pan, meets ASHRAE 62 (IAQ)
- Two-inch return-air filters
- A wide assortment of factory-installed options available, including high-static drives that provide additional performance range
- Optional factory-installed COBRA™ energy recovery unit (option on 48HJ004-014 units only)
- Factory-installed PremierLink™ digital communicating controls
- Factory-installed optional gear driven EconoMiser+ (vertical return only) for use with standard rooftop unit controls (includes CO₂ sensor control capability)
- Factory-installed optional gear driven EconoMiser2 (vertical return only) for use with PremierLink DDC controls (includes 4 to 20 mA actuator for demand control ventilation)
- MoistureMiser™ dehumidification package

Heat Options

- Exclusive integrated gas control board with diagnostics
- Alumagard™ heat exchanger coating
- Induced-draft fan for gas combustion
- Tubular, dimpled heat exchangers
- Natural gas
- LP conversion kits
- Low NO_x (size 004-006 only)
- Optional stainless steel heat exchangers.

Physical data — 48TM004-007



UNIT SIZE 48TM		48TM004	48TM005	48TM006	48TM007
NOMINAL CAPACITY (tons)		3	4	5	6
OPERATING WEIGHT (lb)					
Unit					
A/AI*		480	470	490	615
A/Cu*		465	476	497	626
Cu/Cu*		468	482	505	637
EconoMiser		50	50	50	50
EconoMiser2		46	46	46	46
Roof Curbt		115	115	115	115
COMPRESSOR			Reciprocating		Scroll
Quantity		1	1	1	1
No. Cylinders (per Circuit)		2	2	2	2
Oil (oz)		60	60	60	60
REFRIGERANT TYPE			R-22		
Expansion Device			Acutrol™ Metering Device		
Operating Charge (lb-oz)					
Circuit 1		4-5	6-6	7-14	11-0
Circuit 2		—	—	—	—
CONDENSER COIL			Enhanced Copper Tubes, Aluminum Lanced Fins		
Rows...Fins/in.		1...17	2...17	2...17	2...17
Total Face Area (sq ft)		8.36	8.36	10.42	16.5
CONDENSER FAN			Propeller Type		
Nominal Cfm		3500	4000	4000	4100
Quantity...Diameter (in.)		1...22.0	1...22.0	1...22.0	1...22.0
Motor Hp...Rpm		1/4...1100	1/4...1100	1/4...1100	1/4...1100
Watts Input (Total)		325	325	325	320
EVAPORATOR COIL			Enhanced Copper Tubes, Aluminum Double-Wavy Fins		
Rows...Fins/in.		2...15	2...15	3...15	4...15
Total Face Area (sq ft)		4.17	6.6	5.5	5.5
EVAPORATOR FAN			Centrifugal Type		
Quantity...Size (in.)					
Type Drive	Std	1...10 x 10	1...10 x 10	1...11 x 10	1...10 x 10
	Alt	1...10 x 10	1...10 x 10	1...10 x 10	1...10 x 10
High-Static	Std	1...10 x 10	1...10 x 10	1...10 x 10	1...10 x 10
	Alt	1...10 x 10	1...10 x 10	1...10 x 10	1...10 x 10
Nominal Cfm	Std	1200	1000	2000	2100
	Alt	1200	1000	2000	2100
Maximum Continuous Bhp	Std	.34	.75	1.20	2.40
	Alt	1.20	1.20	1.30/2.40**	—
Motor Frame Size	Std	48	48	48	56
	Alt	48	48	56	56
Nominal Rpm High/Low	Std	860/800	1075/970	1075/940	—
	Alt	1620	1620	1725	1725
Fan Rpm Range	Std	1725	1725	1725	1725
	Alt	1075-1455	770-1176	900-1300	1070-1460
Motor Bearing Type	Std	1075-1455	1075-1455	1300-1685	1300-1685
	Alt	1075-1455	1075-1455	1300-1685	1300-1685
Maximum Allowable Rpm	Std	2100	2100	2100	2100
	Alt	2100	2100	2100	2100
Motor Pulley Pitch Diameter Min/Max (in.)	Std	—	—	—	—
	Alt	—	—	—	—
Nominal Motor Shaft Diameter (in.)	Std	1.9/2.9	1.9/2.9	2.9/3.8	2.9/3.8
	Alt	2.9/3.8	2.9/3.8	3.4/4.4	3.4/4.4
Fan Pulley Pitch Diameter (in.)	Std	1/2	1/2	1/2	1/2
	Alt	1/2	1/2	1/2	1/2
Belt, Quantity...Type...Length (in.)	Std	—	—	—	—
	Alt	—	—	—	—
Pulley Center Line Distance (in.)	Std	1...A...36	1...A...36	1...A...40	1...A...39
	Alt	1...A...39	1...A...39	1...A...40	1...A...40
Speed Change per Full Turn of Movable Pulley Flange (rpm)	Std	10.0-12.4	10.0-12.4	14.7-15.5	14.7-15.5
	Alt	10.0-12.4	10.0-12.4	14.7-15.5	14.7-15.5
Movable Pulley Maximum Full Turns From Closed Position	Std	—	—	—	—
	Alt	—	—	—	—
Factory Setting	Std	48	70	80	80
	Alt	65	65	60	60
Factory Speed Setting (rpm)	Std	5	5	5	5
	Alt	6	6	5	5
Fan Shaft Diameter at Pulley (in.)	Std	3	3	3	3
	Alt	3 1/2	3 1/2	3 1/2	3 1/2
	Std	829	832	1100	1220
	Alt	1233	1233	1416	1416

LEGEND

AI — 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. Single-phase standard high heat models have one-stage heating with heating input values as follows:

48TM004 — 115,000 Btu/h

48TM005, 006 — 160,000 Btu/h

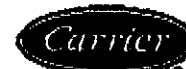
†††California SCAQMD compliant Low NO_x models have combustion products that are controlled to 40 nanograms per joule or less.

NOTES:

1. High-static motor not available on single-phase units.

2. An LP kit is available as an accessory. Kit may be used at elevations as high as 2000 ft. LP kit is not used with Low NO_x units.

Physical data — 48TM004-007 (cont)



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 Temp (°F)††		195	195	195	195
Burner Orifice Diameter (in. ...drill size)					
Natural Gas	Std	TMD — TME .119...33 TMF .119...33 TML — TMM .102...38 TMN .102...38	.119...33 .119...33 .129...30 .102...38 .102...38 .116...32	.119...33 .119...33 .129...30 .102...38 .102...38 .116...32	.119...33 .119...33 .129...30 — — —
Liquid Propane	Alt	TMD — TME .089...43 TMF .089...43	.089...43 .089...43 .104...37	.089...43 .089...43 .104...37	.089...43 .089...43 .104...37
Thermostat Heat Anticipator Setting (amps)					
200/230 v and 575 Stage 1		.14	.14	.14	.14
460 v Stage 2		.14	.14	.14	.14
Gas Input (Btuh)	Standard Units (Stage 1/Stage 2)	TMD — TME —74,000 TMF*** 82,000/115,000 TML††† — TMM††† 60,000 TMN††† 90,000	—74,000 —115,000 120,000/150,000 60,000 60,000 120,000	—74,000 —115,000 120,000/150,000 60,000 60,000 120,000	—74,000 —115,000 120,000/150,000 — — —
Low NOx Units					
Efficiency (Steady State) (%)		80	80	80	80
Temperature Rise Range		TMD — TME 15-45 TMF 55-85 TML — TMM 20-50 TMN 30-60	15-45 35-65 50-80 20-50 30-60 40-70	15-45 35-65 50-80 20-50 30-60 40-70	15-45 35-65 50-80 — — —
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 Varies by Option Selected		
RETURN-AIR FILTERS					
Quantity...Size (in.)			Throwaway 2...16 x 26 x 2		

LEGEND

Al — Aluminum
Bbp — Break 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. Single-phase standard high heat models have one-stage heating with heating input values as follows:

48TMF004 — 115,000 Btuh
48TMF005,006 — 150,000 Btuh

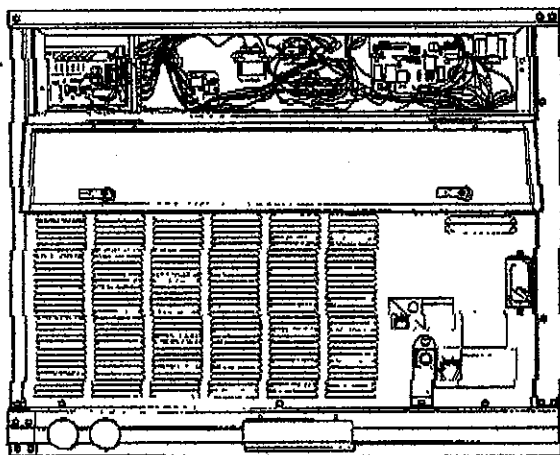
†††California SCAQMD compliant Low NOx models have combustion products that are controlled to 40 megagrams per joule or less.

NOTES:

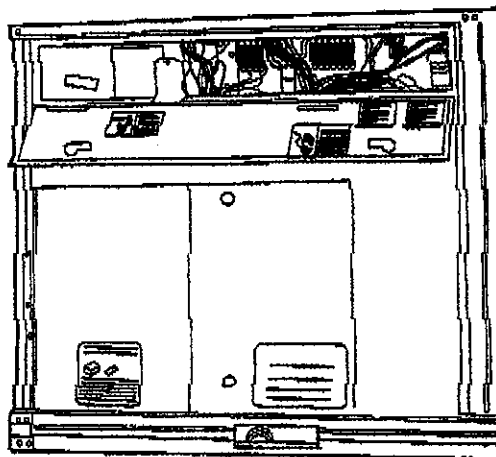
1. High-static motor not available on single-phase units.
2. An LP kit is available as an accessory. Kit may be used at elevations as high as 2000 ft. LP kit is not used with Low Nox units.



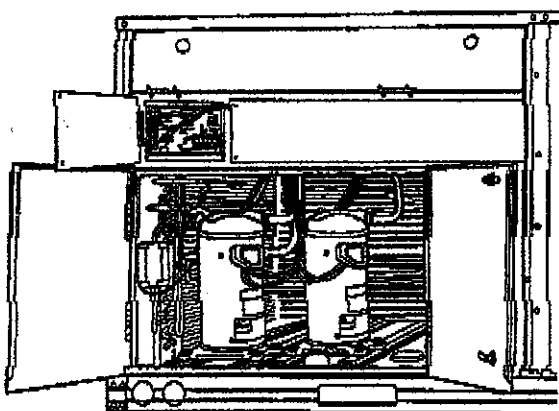
**CONTROL BOX HINGED PANEL OPTION*,
48HJ004-007 UNITS SHOWN**



**CONTROL BOX HINGED PANEL OPTION*,
48HJ008-014 UNITS SHOWN**

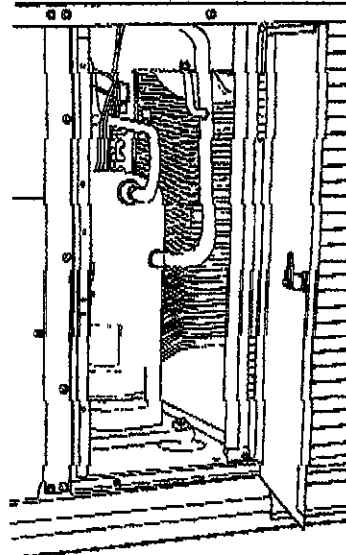


**COMPRESSOR HINGED PANEL OPTION*,
48HJ008-014 UNITS SHOWN**

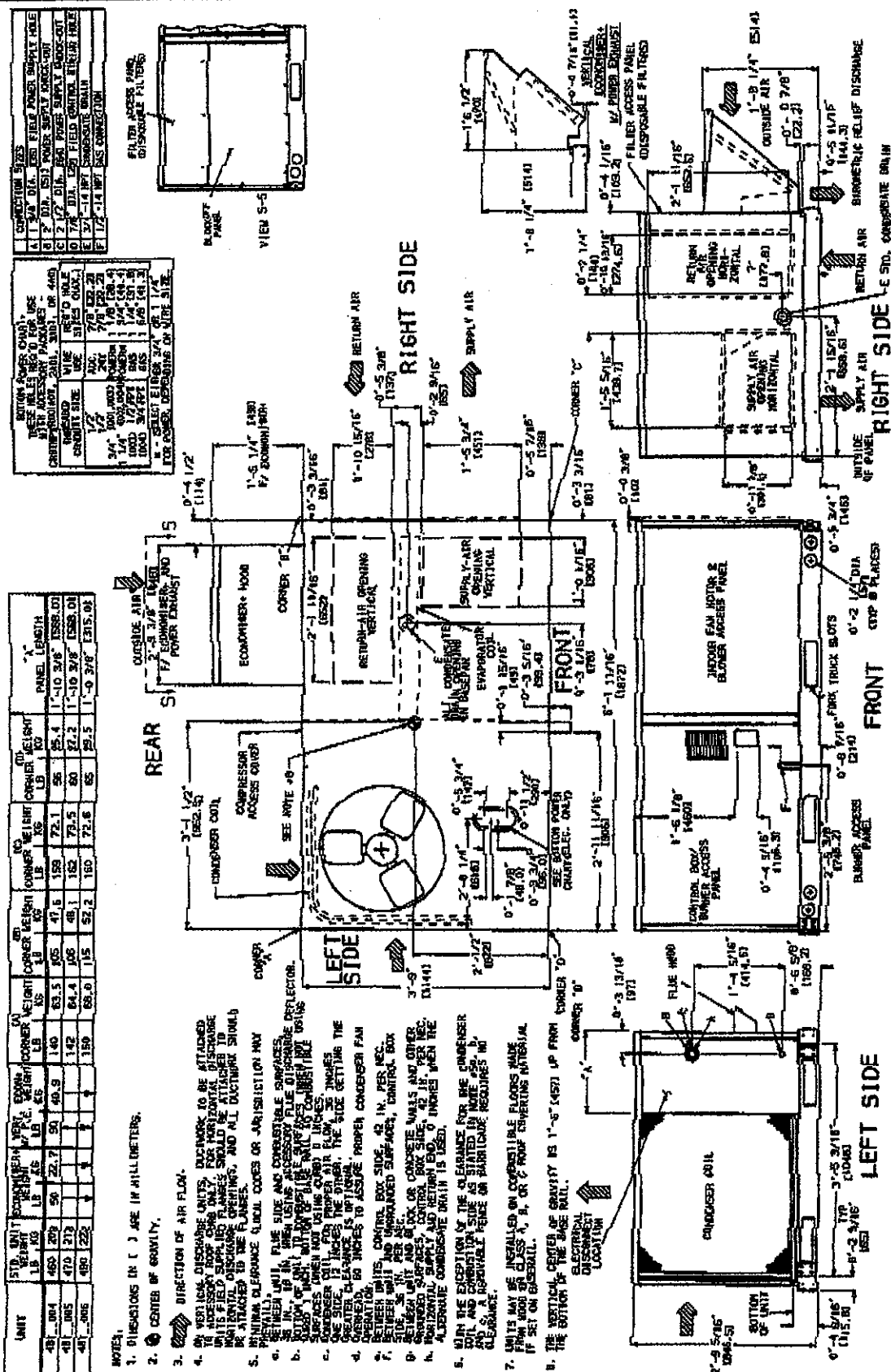
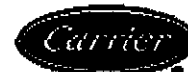


*Hinged panels not available on TM sizes 004-014.

**COMPRESSOR HINGED PANEL OPTION*,
48HJ004-006 UNITS SHOWN**



Base unit dimensions — 48TM004-006



487th

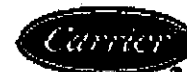
Electrical data — 48TM



ELECTRICAL DATA (48TM004-014 Units Without Convenience Outlet)

UNIT 48TM	NOMINAL VOLTAGE	IFM TYPE	VOLTAGE RANGE		Qty	COMPR (ea)		Qty	OFM (ea)		IFM FLA	COMBUSTION FAN MOTOR FLA	POWER SUPPLY*		DISCONNECT SIZE†	
			Min	Max		RLA	LRA		Hp	FLA			MCA	MOCPS*	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
		High									5.2		17.7/17.7	25/25	17/17	85/85
	208/230-3-60	Std	187	254	1	10.2	75.0	1	1/4	1.4	3.5	.6	19.1/19.1	25/25	18/18	90/90
		Alt									4.9		19.4/19.4	25/25	18/18	109/109
		High									5.2					
	460-3-60	Std	414	508	1	4.4	40.0	1	1/4	0.8	1.3	.3	7.6	15	7	44
		Alt									2.1		8.4	15	8	48
		High									2.6		8.9	15	9	57
	575-3-60	Std	518	632	1	3.7	31.0	1	1/4	0.8	1.3	.3	5.5	15	8	35
		Alt									2.1		6.0	15	7	37
		High									2.6		6.3	15	7	58
005 (4 Tons)	208/230-1-60	Std	187	254	1	23.3	118.0	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
		High									5.2		24.2/24.2	30/30	23/23	101/101
	208/230-3-60	Std	187	254	1	15.4	90.0	1	1/4	1.4	3.5	.6	25.6/25.6	30/30	25/25	105/105
		Alt									4.9		25.9/25.9	30/30	25/25	124/124
		High									5.2					
	460-3-60	Std	414	508	1	8.3	45.0	1	1/4	0.8	1.8	.3	13.0	20	13	51
		Alt									2.1		13.3	20	13	59
		High									2.6		13.8	20	13	62
	575-3-60	Std	518	632	1	6.4	38.0	1	1/4	0.8	1.8	.3	9.2	15	10	41
		Alt									2.1		9.3	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
		High									7.5		27.3/27.3	35/35	27/27	126/126
	208/230-3-60	Std	187	254	1	16.0	114.0	1	1/4	1.4	5.2	.6	26.6/26.6	35/35	26/26	148/148
		Alt									6.6		26.9/26.9	35/35	26/26	174/174
		High									7.5					
	460-3-60	Std	414	508	1	7.4	64.0	1	1/4	0.8	3.1	.3	13.2	20	13	71
		Alt									2.6		13.5	20	13	81
		High									3.4		13.5	20	13	93
	575-3-60	Std	518	632	1	6.2	52.0	1	1/4	0.8	3.1	.3	9.7	15	11	58
		Alt									2.6		9.9	15	11	65
		High									3.4		9.9	15	11	78
007 (6 Tons)	208/230-3-60	Std	187	254	1	20.8	148.0	1	1/4	1.4	5.2	.6	32.4/32.4	40/40	31/31	180/180
		Alt									7.5		34.7/34.7	40/40	34/34	205/205
		High									10.6		15.4	20	15	80
	460-3-60	Std	414	508	1	9.5	73.0	1	1/4	0.9	2.6	.3	16.2	20	16	103
		Alt									3.4		11.4	15	12	79
		High									3.4		11.8	15	13	96
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
009 (8 1/2 Tons)	208/230-3-60	Std	187	254	2	17.3††	120.0††	2	1/4	1.4	5.8	.6	44.3/44.3	50/50	46/46	272/272
		Alt									10.6		48.1/48.1	60/60	52/52	316/316
		High									2.6		21.3	25	22	143
	460-3-60	Std	414	508	2	7.9††	70.0††	2	1/4	0.7	2.6	.3	23.2	30	24	171
		Alt									4.8		16.7	20	17	108
		High									4.8		18.5	25	19	126

See Legend and Notes on page 82.



ELECTRICAL DATA (48TM004-014 With Convenience Outlet)

UNIT 48TM	NOMINAL VOLTAGE	IFM TYPE	VOLTAGE RANGE		Qty	COMPR (ea)		Qty	OFM (ea)		IFM FLA	COMBUSTION FAN MOTOR FLA	POWER SUPPLY*		DISCONNECT SIZE†	
			Min	Max		RLA	LRA		Hp	FLA			MCA	MOCP**	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	31.2/31.2	35/35	30/30	111/111
		Alt									4.9		32.6/32.6	40/40	31/31	116/116
	208/230-3-60	Std	187	254	1	10.2	75.0	1	1/4	1.4	3.5	.6	22.6/22.6	25/25	23/23	90/90
		Alt									4.9		23.9/23.9	30/30	25/25	96/96
		High									5.2		24.2/24.2	30/30	25/25	114/114
	460-3-60	Std	414	508	1	4.4	40.0	1	1/4	0.8	1.3	.3	9.8	15	10	47
		Alt									2.1		10.6	15	11	50
		High									2.6		11.1	15	11	59
	575-3-60	Std	518	632	1	3.7	31.0	1	1/4	0.8	1.3	.3	7.2	15	8	36
		Alt									2.1		7.7	15	9	39
		High									2.6		8.0	15	9	58
		Std									3.5					
005 (4 Tons)	208/230-1-60	Std	187	254	1	23.3	116.0	1	1/4	1.4	3.5	.6	40.0/40.0	45/45	38/38	134/134
		Alt									4.9		41.4/41.4	50/50	40/40	138/138
	208/230-3-60	Std	187	254	1	15.4	90.0	1	1/4	1.4	3.5	.6	29.0/29.0	35/35	28/28	108/108
		Alt									4.9		30.4/30.4	35/35	30/30	110/110
		High									5.2		30.7/30.7	35/35	31/31	129/129
	460-3-60	Std	414	508	1	8.3	45.0	1	1/4	0.8	1.8	.3	15.2	20	15	53
		Alt									2.1		15.9	20	15	55
		High									2.6		16.0	20	16	64
	575-3-60	Std	518	632	1	6.4	38.0	1	1/4	0.8	1.8	.3	10.9	15	12	42
		Alt									2.1		11.1	15	12	44
		High									2.6		11.4	15	12	51
		Std									5.9					
006 (5 Tons)	208/230-1-60	Std	187	254	1	28.8	147.0	1	1/4	1.4	5.9	.6	49.3/49.3	50/50	47/47	168/168
		Alt									6.6		50.0/50.0	60/60	48/48	188/188
	208/230-3-60	Std	187	254	1	18.0	114.0	1	1/4	1.4	5.9	.6	32.1/32.1	40/40	32/32	133/133
		Alt									5.2		31.4/31.4	40/40	32/32	153/153
		High									7.5		33.7/33.7	40/40	34/34	179/179
	460-3-60	Std	414	508	1	7.4	64.0	1	1/4	0.8	3.1	.3	15.3	20	15	74
		Alt									2.6		15.6	20	15	83
		High									3.4		15.6	20	16	96
	575-3-60	Std	518	632	1	6.2	52.0	1	1/4	0.8	3.1	.3	11.5	15	13	60
		Alt									2.6		11.7	15	12	67
		High									3.4		11.7	15	13	77
		Std									5.2					
007 (6 Tons)	208/230-3-60	Std	187	254	1	20.6	146.0	1	1/4	1.4	5.2	.6	37.2/37.2	45/45	37/37	184/184
		High									7.5		38.5/38.5	45/45	38/38	210/210
	460-3-60	Std	414	508	1	9.5	73.0	1	1/4	0.8	2.6	.3	17.6	20	17	92
		High									3.4		18.4	25	18	105
	575-3-60	Std	518	632	1	7.6	58.4	1	1/4	0.8	2.6	.3	13.1	20	14	77
		High									3.4		13.7	20	15	90
		Std									5.8					
		Alt									5.8					
	208/230-3-60	High									10.6					
		Std	187	254	2	14.0	91.0	2	1/4	1.4	5.8	.6	44.9/44.9	50/50	48/48	234/234
		Alt									5.8		44.9/44.9	50/50	48/48	234/234
		High									10.6		48.7/48.7	60/60	53/53	277/277
008 (7 1/2 Tons)	460-3-60	Std	414	508	2	6.4	42.0	2	1/4	0.7	2.6	.3	20.6	25	22	110
		Alt									2.6		20.6	25	22	110
		High									4.8		22.6	25	24	132
	575-3-60	Std	518	632	2	5.2	39.0	2	1/4	0.7	2.6	.3	16.6	20	18	99
		Alt									2.6		16.6	20	18	99
		High									4.8		18.4	20	20	116
		Std									5.8					
		High									10.6					
	208/230-3-60	Std	187	254	2	17.3††	120.0††	2	1/4	1.4	5.8	.6	48.1/48.1	60/60	52/52	277/277
		High									10.6		53.9/53.9	60/60	57/57	320/320
	460-3-60	Std	414	508	2	7.9††	70.0††	2	1/4	0.7	2.6	.3	23.2	30	24	151
		High									4.8		25.4	30	27	173
	575-3-60	Std	518	632	2	5.5††	50.0††	2	1/4	0.7	2.6	.3	18.4	25	18	111
		High									4.8		20.2	25	21	128

See Legend and Notes on page 94.

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

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.	_____	_____	_____	_____

