



Township Archives
Township of Brick, NJ
401 Chambers Bridge Rd, Brick, NJ 08723

***This File Contains Personal Identifiable
Information of Private Citizen(s).***

Certain information contained in this file is ***Exempt from Release*** under the Open Public Records Act (OPRA) (Public Law 2001, CHAPTER 404 (N.J.S.A. 47:1A-1 et seq.)) and Executive Orders issued by the Governor of New Jersey. The following information ***MUST*** be redacted prior to release:

- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

A handwritten signature in black ink, appearing to read "Bryan J. Dickerson", is written over a horizontal line.

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020



CONSTRUCTION PERMIT APPLICATION

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

C22-000035

I. IDENTIFICATION

1. Proposed Work Site at: 990 CEDAR BRIDGE AVE

2. Name of Owner in Fee: FOURTH VENTURE LLC SUITE 2000
 Tel. 732-886-1500 e-mail _____
 Address LAKEWOOD NJ 08701
street municipality zip code

3. Ownership in Fee: Public _____ Private _____

4. Principal Contractor: ATG MECHANICAL LLC Tel. 973-234-5354
 Address 8 LEO AVE e-mail SERVICE@ATG-MECHANICALLLC.COM
STANHOPE NJ 07874

License No. OR, if new home, Builder Reg. No. 19HC007222 00 Exp. Date 6/30/2020

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 83-2841637 FAX: _____

5. Architect or Engineer _____ Contact _____
 Address _____ e-mail _____
 Tel. _____ FAX: _____

6. Responsible Person in Charge once Work has Begun _____
 Tel. _____ FAX: _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>150</u>		
2. Electrical	\$ <u>150</u>		
3. Plumbing	\$ <u>250</u>		
4. Fire Protection	\$ <u>250</u>		
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$		
9. State Permit Surcharge Fee	\$ <u>13</u>		
10. Subtotal	\$		
11. Cert. of Occupancy			
12. Other	\$ <u>413</u>		
13. TOTAL	\$ <u>1103</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. Max. Live Load _____

7. Max. Occupancy Load _____

8. If Industrialized Building: State Approved _____ HUD _____

9. Total Land Area Disturbed _____ sq. ft.

10. Flood Hazard Zone _____

11. Base Flood Elevation _____ ft.

12. Wetlands yes _____ no _____

IIa. PROPOSED WORK

- ☒ Minor Work ☐ New Building ☐ Addition ☐ Demolition
- ☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction
- ☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☐ Building
- ☐ Electrical
- ☐ Plumbing
- ☐ Fire Protection
- ☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
	<u>ATG</u>	<u>12/22/21</u>		<u>01/07/22</u>	<u>REJ</u>			
				<u>1/16/22</u>	<u>USD</u>			

TOTAL COST 8900 \$0

III. PLAN REVIEW (optional)

- DO YOU WANT:
1. ☐ Partial Releases
2. ☐ Prototype Processing

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

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/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____

2. Use Group, Proposed: _____

3. Change in Use Group, Indicate Present: _____

4. No. of dwelling units: Total Units Income-restricted

Gained, Sale _____

Gained, Rental _____

Lost, Sale _____

Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____

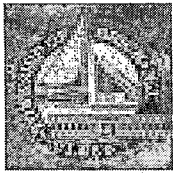
2. Use Group, Proposed: _____

3. Change in Use Group, Indicate Present: _____

C. MIXED USE -List secondary use(s): _____

D. Construct. Classification: Present _____ Proposed _____

Salon Cartric



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 05/02/2022
Control Number C-22-000035
Permit Number 22-0483
Permit Issue Date 02/16/2022
Certificate Number 22-0483

Certificate
Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 990 CEDAR BRIDGE AVE. Brick Township, NJ Block: 670 Lot: 9.01 Qual: _____
Owner in Fee: FOURTH VENTURE LLC%PARAMOUNT REALTY
Owner Address: 1195 ROUTE 70 #2000 LAKEWOOD NJ 08701
Telephone: _____
Contractor ATG MECHANICAL
Address 8 LEO AVE STANHOPE NJ 07874
Telephone: (973) 234-5354 Fax: _____ Federal Emp. Number: _____
License Number or Builders Registration Number: _____
Home Warranty Number: _____ Type of Warranty Plan: ☐ State ☐ Private
Use Group: M Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work/Use: HVAC - - SALON CENTRIC ...REPLACE (2) HVAC RTU's

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 NJAC5:17 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

Date Printed: 05/02/2022

U.C.C. F260 (rev. 08/05)

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



FIRE PROTECTION SUBCODE TECHNICAL SECTION



Sabon
Centric

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

Block 670 Lot 9.01 Qualification Code _____

Work Site Location 990 CEDAR BRIDGE AVE

BRICK NJ 08723

Owner in Fee: FOURTH VENTURE LLC

Tel. (732) 886-1500 e-mail _____

Address 1195 RATE 70 LAKEWOOD NJ 08701

Contractor: ATG MECHANICAL LLC Tel. (973) 234-5354

Address 8 LEO AVE STANHOPE NJ 07071 e-mail SERVICE@ATG

07874 MECHANICAL LLC.COM

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. _____

Fire Alarm Contractor No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 83-2841637 FAX: (_____) _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present _____ Proposed _____ Fuel Storage Tank:

Constr. Class: Present _____ Proposed _____ Fuel Type: [] Flammable OR [] Combustible

Heating System: [] New OR [] Modification to Existing Capacity _____

OR [] Conversion OR [] Replacement Fire Alarm System: [] New OR [] Existing

Fuel Type: [x] Gas [] Oil [] Electric [] Solar Location of Panel: _____

Other _____ [] New OR [] Existing

Location: _____ Location of Main Control Valve: _____

Total Cost of Fire Protection Work \$ 1150

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Failure	Approval
[] No Plans Required		Alarm System			
[] Partial - Underslab Utilities Approved		Suppression Sys.			
Date: _____ Approved by: _____		Standpipe			
[x] Fire Protection Plans Approved		Fire Pump			
Date: <u>1/11/22</u> Approved by: <u>[Signature]</u>		Pre-Eng. System			
Joint Plan Review Required:		Mechanical			<u>4822 PM</u>
[] Bldg. [] Elec. [] Plumb. [] Elev.		Smoke Control			
SUBCODE APPROVAL for PERMIT		TCO			
Date: <u>1-13-22</u>		Flam/Combust. Tanks			
Approved by: <u>[Signature]</u>		Fireplace Venting			<u>4822 PM</u>
SUBCODE APPROVAL for CERTIFICATE		Final			
[] CO [] CCG [] CA		Other			
Date: <u>4/22/22</u>					
Approved by: <u>[Signature]</u>					

U.C.C. F140 (rev. 11/09) 1 White = Inspector Copy 2 Canary = Office Copy 3 Pink = Office Copy 4 Gold = Applicant Copy

Not

Date Received
Control #

2/16/22

Date Issued

22-0483

C. CERTIFICATION IN LIEU OF SEAL

I hereby certify that I am the (owner/contractor/agent) authorized to make this application.

Applicant sign/Contractor sign and seal here: _____

Print name here: ANGE STANHOPE

Professional Engineer [] Exempt Applicant [x]

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:	
Water Supply Source	_____
Method of Alarm/Suppression System Supervision	_____

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks		\$
Alarm Systems		
[] System		
[] 110v Interconnected		
[] CO Detectors/110v		
Alarm Devices (i.e., smoke, heat, pulls, water/flow)		
Supervisory Devices (i.e., tampers, low/high air)		
Signaling Devices (i.e., horn/strobes, bells)		
Other Devices		
TOTAL		
Suppression Systems		
Fire Pump _____ GPM Type _____		
Dry Pipe/Alarm Valves		
Pre-action Valves		
Sprinkler Heads (Dry and Wet)		
Standpipes		
Pre-engineered Systems		
Wet Chemical		
Dry Chemical		
CO ₂ Suppression		
Foam Suppression		
FM200 Suppression		
Other _____		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fuel-Fired Appliances Gas [] Oil [] Solid		
Fireplace Venting/Metal Chimney		
Other _____		

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

BUILDING 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 670 Lot 9.01 Qualification Code _____
Work Site Location 990 Cedar Bridge Ave
Brick NJ 08701 Salon Benita

Owner in Fee: FOURTH VENTURE LLC

Tel. (732) 886-1500 e-mail _____

Address 1195 ROUTE 70 LAKEWOOD NJ 08701

Contractor: ATB Mechanical LLC street _____ municipality _____ zip code _____ Tel: (____) ____-____

Contractor: ATG MEC Tel: ()
Address: 8 LEO AVE e-mail: SERVICE@ATG MEC

STAN HOPE NT OF 874 ANICALUC.COM

Contractor License No. or Builder Registration No. 19HC00722200 Exp. Date 06/30/2021

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 83-2841637 FAX: ()

JOB SUMMARY (Office Use Only)

PLAN REVIEW		Date	Initial	INSPECTIONS		Dates (Month/Day)	
	Type	Failure	Failure	Approval	Initial		
☐	No Plans Required						
☒	All						
☐	Footings/Foundations						
☐	Structural/Framework						
☐	Exterior						
☐	Interior						
Joint Plan Review Required:				Barrier-Free			
☐	Elec.	☐	Plumb.	☐	Fire	☐	Elevator
SUBCODE APPROVAL for PERMIT				Insulation			
Date:				Finishes -Base Layer			
Approved by:				Finishes -Final			
SUBCODE APPROVAL for CERTIFICATE				Energy			
☐	CO	☐	CCO	Mechanical			
☒	CA			TCO			
Date:				Other			
Approved by:				Final			
				Barrier-Free			

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____ **Constr. Class** Present _____ Proposed _____

No. of Stories _____ If Industrialized Building: _____

Height of Structure _____ ft. State Approved _____ HUD _____

Area — Largest Floor _____ sq. ft. Est. Cost of Bldg. Work: _____

New Bldg. Area/All Floors	sq. ft.	Est. Cost of Bldg. Work:
		1. New Bldg. \$

Volume of New Structure cu. ft. 1. New Bldg. \$ _____
 2. Existing \$ _____

2. Rehabilitation \$ 2500 -

Max. Live Load _____ 3. Total (1+2) \$ 200

Max. Occupancy Load _____ U.C.C. F110
(max. 14/22)

Form 990-BE (U.S. Instructions) 2011 (rev. 11/09)

U.C.C. F110
(rev. 11/09)

Date Received
Control #

Date Issued
Permit No.

C. CERTIFICATION IN LIEU OF OATH

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

Sign here: Carl R. [Signature]

Print name here: J Angel TAVEBAS

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

REPLACE TWO RTU'S

COMMERCIAL

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence _____ Height (exceeds 6')
- ☐ Sign _____ Sq. Ft.
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft.
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☒ Other BTO Replacement
- ☐ Demolition

FEE (Office Use Only)

\$

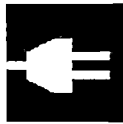
Administrative Surcharge	\$	
Minimum Fee	\$	
State Permit Surcharge Fee	\$	
TOTAL FEE	\$	

1 White = Inspector Copy
3 Pink = Office Copy

2 Canary = Office Copy
4 Gold = Applicant Copy



ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Control #
Date Issued
Permit #

2/16/22
22-0483

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

Block 670 Lot 9.01 Qualification Code _____
Work Site Location 990 CEDAR BRIDGE AVE
BRICK NJ 08723
Owner in Fee: FOURTH VENTURE LLC
Tel. (732) 886-1500 e-mail _____
Address 1195 ROUTE 70 LAKEWOOD NJ 08701
Contractor: ATG MECHANICAL LLC Tel. (973) 234-5354
Address 8 LEO AVE e-mail SERVICE@ATGMECH-
STANHOPE NJ 07874 ANICAL LLC.COM
Contractor License No. 194C00722200 Exp. Date 06/30/2022
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
Federal Emp. ID No. 83-2841637 FAX: (_____) _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 1500

JOB SUMMARY (Office Use Only)

PLAN REVIEW	INSPECTIONS	Dates (Month/Day)			
☐ No Plans Required	Type:	Failure	Failure	Approval	Initial
☐ Partial - Underslab Utilities Approved	Rough				
Date: _____ Approved by: _____	Barrier-Free				
☐ Electric Plans Approved	Trench				
Date: _____ Approved by: _____	Temp. Serv.				
Joint Plan Review Required:	Constr. Serv.				
☐ Bldg. ☐ Plumb. ☐ Fire. ☐ Elev.	TCO				
SUBCODE APPROVAL for PERMIT	Other				
Date: _____	Service				
Approved by: _____	Final				
SUBCODE APPROVAL for CERTIFICATE	Barrier-Free				
☐ CO ☐ CCO ☐ CA	Temp. Cut-in-Card Date Issued				
Date: <u>4-22-22</u>	Final Cut-in-Card Date Issued				
Approved by: <u>W</u>	Annual Pool Inspection				
	Date of Grounding and Bonding Certification				

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 sign/Contractor sign and seal here: [Signature]

Print name here: ANGIE TRUCCAS

☐ Licensed Elec. Contractor ☐ Certified Landscape Irrigation Contr'r ☒ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: DISCONNECT AND RECONNECT ELECTRICAL DISCONNECTS FOR TWO BTU.

QTY.	SIZE	ITEMS	FEE (Office Use Only)
_____	_____	Lighting Fixtures	_____
_____	_____	Receptacles	_____
_____	_____	Switches	_____
_____	_____	Detectors	_____
_____	_____	Light Poles	_____
_____	_____	Motors—Fractional HP	_____
_____	_____	Emergency & Exit Lights	_____
_____	_____	Communications Points	_____
_____	_____	Alarm Devices/F.A.C. Panels	_____
_____	_____	TOTAL NUMBERS	_____
_____	_____	Pool Permit/with UW Lights	_____
_____	_____	Storable Pool/Spa/Hot Tub	_____
_____	_____	KW Elec. Range/Receptacle	_____
_____	_____	KW Oven/Surface Unit	_____
_____	_____	KW Elec. Water Heater	_____
_____	_____	KW Elec. Dryer/Receptacle	_____
_____	_____	KW Dishwasher	_____
_____	_____	HP Garbage Disposal	_____
_____	_____	KW Central A/C Unit	_____
_____	_____	HP/KW Space Heater/Air Handler	_____
_____	_____	KW Baseboard Heat	_____
_____	_____	HP Motors 1/+ HP	_____
_____	_____	KW Transformer/Generator	_____
_____	_____	AMP Service	_____
_____	_____	AMP Subpanels	_____
_____	_____	AMP Motor Control Center	_____
_____	_____	KW Elec. Sign/Outline Light	_____

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



PLUMBING SUBCODE TECHNICAL SECTION



Date Received
Control #

2/16/22

Date Issued
Permit #

22-0483

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

Block 670 Lot 9.01 Qualification Code _____

Work Site Location 990 CEDAR BRIDGE AVE
BRICK NJ 08701

Owner in Fee: FOURTH VENTURE LLC

Tel. 732 886-1500 e-mail _____

Address 1195 ROUTE 70 LAKEWOOD NJ 08701
street municipality zip code

Contractor: ATG MECHANICAL LLC Tel. _____

Address 8 LEO AVE e-mail SERVICE@ATGMECH
STAN HOPE NJ 07874 ANICAL LLC.COM

Contractor License No. 19HC00722200 Exp. Date 06/30/2022

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 83-2841637 FAX: _____

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 \$ 1300

JOB SUMMARY (Office Use Only)						
PLAN REVIEW		INSPECTIONS				
		Type	Failure	Failure	Approval	Initial
☐ No Plans Required		Slab				
☐ Partial Underslab Utilities Approved		Rough				
Date: _____ Approved by: _____		Water				
☐ Plumbing Plans Approved		Sewer				
Date: _____ Approved by: _____		Fixtures				
Joint Plan Review Required:		Gas Equipment				
☐ Bldg. ☐ Elec. ☐ Fire. ☐ Elev.		Gas Piping				
SUBCODE APPROVAL for PERMIT		LPGas Tank				
Date: _____ Approved by: _____		Fuel Oil Piping				
SUBCODE APPROVAL for CERTIFICATE		Solar				
☐ CO ☐ CCO ☐ CA		TCO				
Date: <u>4-22-22</u>		Final	<u>4-22-22</u>	<u>4-22-22</u>	<u>4-22-22</u>	<u>WV</u>
Approved by: <u>WV</u>						

C. CERTIFICATION IN LIEU OF OATH

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

Applicant sign/Contractor sign and seal here: _____

Print name here: _____

[] Licensed Contractor [x] Exempt Applicant

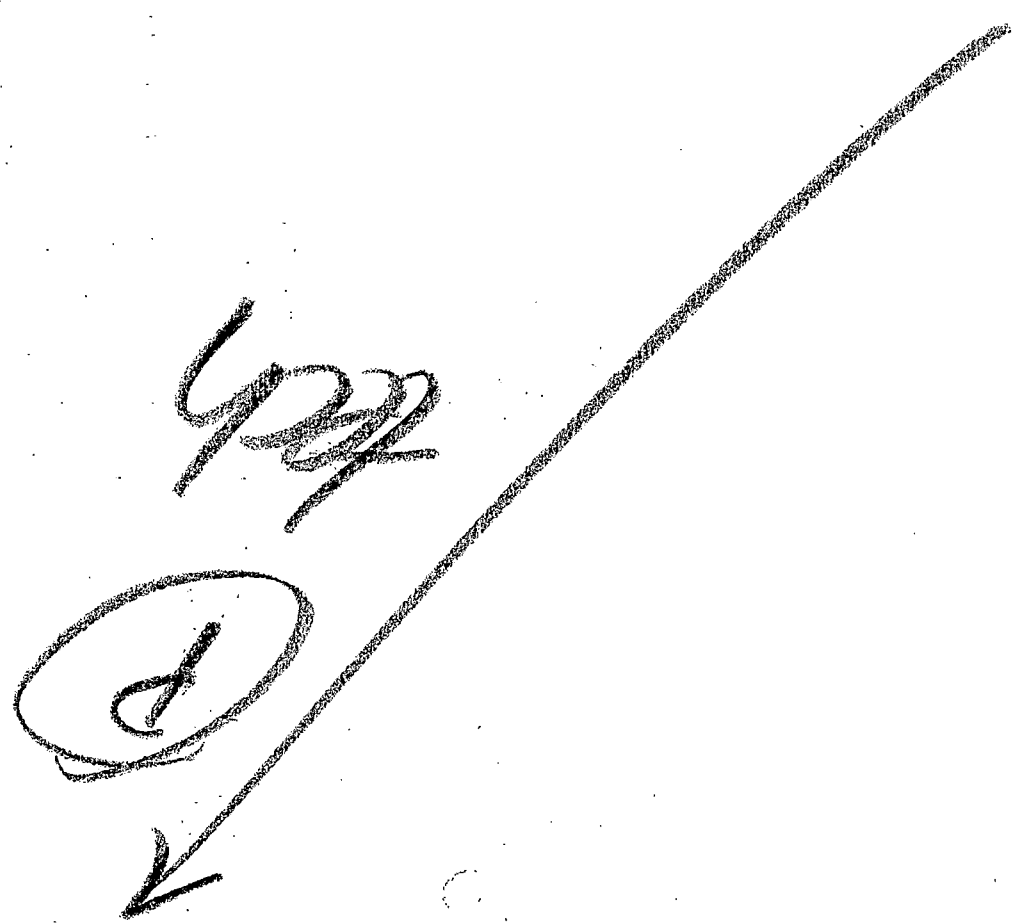
D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
DISCONNECT AND CONNECT
GAS PIPE FOR RTUS

QTY.	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	\$ _____
_____	LPGas Tank	\$ _____
_____	Steam Boiler	\$ _____
_____	Hot Water Boiler	\$ _____
_____	Sewer Pump	\$ _____
_____	Interceptor/Separator	\$ _____
_____	Backflow Preventer	\$ _____
_____	Greasetrap	\$ _____
_____	Sewer Connection	\$ _____
_____	Water Service Connection	\$ _____
_____	Stacks	\$ _____
_____	Other	\$ _____

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

4-22-22 wdy
No Access Roof
8:45
went back 9:30





CONSTRUCTION PERMIT

Date Issued 2/16/22
Control # C-22-000035
Permit # 22-0483

IDENTIFICATION Block: 670 Lot: 9.01 Qualifier _____
Work Site Location: 990 CEDAR BRIDGE AVE. Brick Township, NJ Contractor ATG MECHANICAL
Address 8 LEO AVE STANHOPE NJ 07874
Owner in Fee FOURTH VENTURE LLC%PARAMOUNT REALTY
1195 ROUTE 70 #2000 LAKEWOOD NJ 08701 Telephone: (973) 234-5354
Lic. No. or Bldrs. Reg. No. 19HC00722200
Federal Employee. No. _____

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☒ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

HVAC - SALON CENTRIC ...REPLACE (2) HVAC RTU's

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 \$7,100

D. J. Kowmyn
Construction Official

1/13/22
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$150
Electrical	\$150
Plumbing	\$200
Fire Protection	\$250
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$13
CO Fee	
Other	\$0
Total	\$763
Check No.	
Cash	\$0
Credit	\$0
Collected By	<u>KJA</u>

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 the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

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

- The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
- Foundations and all walls up to grade level prior to back filling.
- All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
- Installation of all finished materials, sealings of exterior joints, plumbing piping; trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

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



Existing Serial # - N0C5758342 and N0F5335254

SUBMITTAL

TOWNSHIP OF BRICK

RELEASED FOR PERMIT

INITIAL

DATE

KEP 01/07/22

Building Subcode Reviewer

Project

Plumbing Subcode Reviewer

CBRE - LOreal - LRLSC-3205 - Brick, NJ

Fire Subcode Reviewer

Date

Electrical Subcode Reviewer

Monday, October 25, 2021

Comments: _____

Accepted By: _____
Title: _____
Company: _____
Date: _____

FILE COPY

PROVIDE ALL EQUIPMENT SHIPPING INFORMATION

Receiving Company Name: _____
Receiving Company Address: _____
City _____ State _____ Zip _____
Receiving hours and days deliveries are accepted: _____
Receiving Company phone number and extension: _____
Receiving Company contact person: _____
Any advance delivery notification that will be needed: _____

EXCLUSIONS and/or CLARIFICATIONS:

- RTU 1 and 2 are out of stock and lead time is 11 weeks. Lead time is subject to change prior to sale.
- Disconnect to be field installed per Equipment Order Form, contractor provided.
- Wind straps not provided
- Please verify submittal for all units meets required staging and circuiting among other necessary design attributes

INSTALLING CONTRACTOR IS RESPONSIBLE FOR VERIFYING EQUIPMENT BEING SUPPLIED MATCHES FINAL BID DOCUMENTS and/or REPLACEMENT EQUIPMENT NEEDED FOR STORE (i.e. voltage, size, etc). Carrier will not be responsible for installation and/or removal of any incorrect units. Please report any discrepancies immediately.

Table Of Contents

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

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RTU-1

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

RTU-1

**Tag Cover Sheet
Unit Report
Certified Drawing
Performance Report**

Unit Report For RTU-1

Project: GBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

Unit Parameters

Unit Model:..... 48FCEA06A2C5-6W0A0
Unit Size:.....06 (5 Tons)
Volts-Phase-Hertz:.....208-3-60
Heating Type:.....Gas
Duct Cfg:..... Vertical Supply / Vertical Return
Medium Heat
Standard One Stage Cooling Models

Dimensions (ft. in.) & Weight (lb.) ***

Unit Length:.....6' 2.375"
Unit Width:.....3' 10.625"
Unit Height:.....2' 9.375"
*** Total Operating Weight:..... 611 lb

*** Weights and Dimensions are approximate. Weight does not include unit packaging. Approximate dimensions are provided primarily for shipping purposes. For exact dimensions and weights, refer to appropriate product data catalog.

Lines and Filters

Gas Line Size:..... 1/2
Condensate Drain Line Size:..... 3/4
Return Air Filter Type:..... Throwaway
Return Air Filter Quantity:..... 2
Return Air Filter Size:.....16 x 25 x 2

Unit Configuration

Direct Drive - EcoBlue - Medium Static
E-coat Al/Cu - Al/Cu
Electromechanical Controls w/W7220 Econo Controller
Enthalpy Ultra Low Leak Econo w/Baro Relief
Standard Packaging

Warranty Information

1-Year parts(std.)
5-Year compressor parts(std.)
10-Year heat exchanger - Aluminized(std.)

No optional warranties were selected.

NOTE: Please see Warranty Catalog 500-089 for explanation of policies and ordering methods.

Ordering Information

Part Number	Description	Quantity
48FCEA06A2C5-6W0A0	Rooftop Unit	1
	Base Unit	
	Direct Drive - EcoBlue - Medium Static	
	E-coat Al/Cu - Al/Cu	
	Ultra Low leak Enty Econo X with baro relief, W7220 control. Meets Calf. Title 24 FDD & Leak Rates	

Certified Drawing for RTU-1

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

NOTES:

1. DIMENSIONS ARE IN INCHES, DIMENSIONS IN [] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW
4. ALL VIEW DRAWN USING 3RD ANGLE

UNIT	J	K
48FC**04	33 3/8 [847]	18 5/8 [472]
48FC**05	33 3/8 [847]	14 7/8 [377]
48FC**06	33 3/8 [847]	14 7/8 [377]
48FC**07	41 3/8 [1051]	18 5/8 [472]

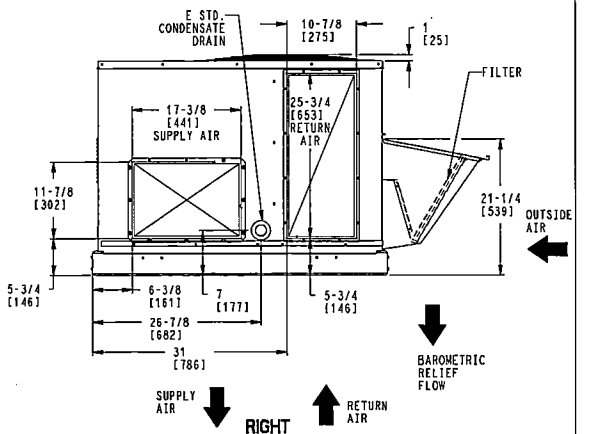
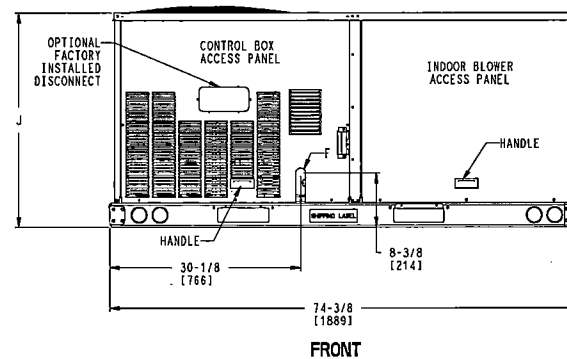
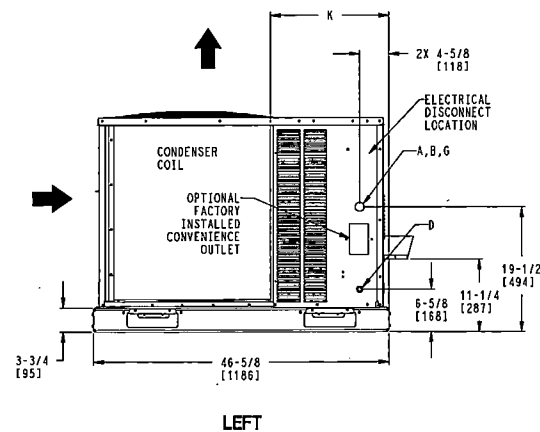
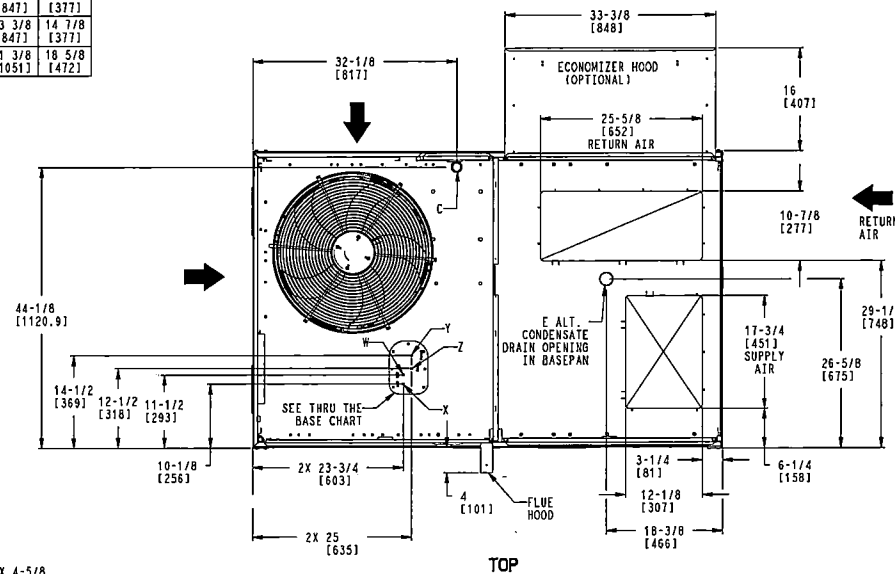


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CONNECTION SIZES		
A	1 3/8" [35]	DIA FIELD POWER SUPPLY HOLE
B	2" [50]	DIA POWER SUPPLY KNOCKOUT
C	1 3/4" [51]	DIA GAUGE ACCESS PLUG
D	7/8" [22]	DIA FIELD CONTROL WIRING HOLE
E	3/4"-14 NPT	CONDENSATE DRAIN
F	1/2"-14 NPT	GAS CONNECTION
G	2 1/2" [64]	DIA POWER SUPPLY KNOCK-OUT

THRU-THE-BASE CHART THESE HOLES REQUIRED FOR USE CRBTR008A00, 008A00			
	THREADED CONDUIT SIZE	WIRE USE	REQ'D HOLE SIZES (MAX.)
W	1/2"	115V	7/8" [22.2]
X	1/2"	24V	7/8" [22.2]
Y	3/4"	POWER	1-1/8" [28.6]
Z*	(008A00) 1/2" FPT	GAS	1-1/8" [28.6]
FOR "THRU-THE-BASEPAN" FACTORY OPTION, FITTINGS FOR ONLY X, Y, & Z ARE PROVIDED			
* (008A00) PROVIDES 3/4" FPT THRU CURB FLANGE & FITTING.			



ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES	48FC 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT	48TC003093	REV
U.S. ECCN: NSR	1 OF 3	09/07/18	06/22/18			A

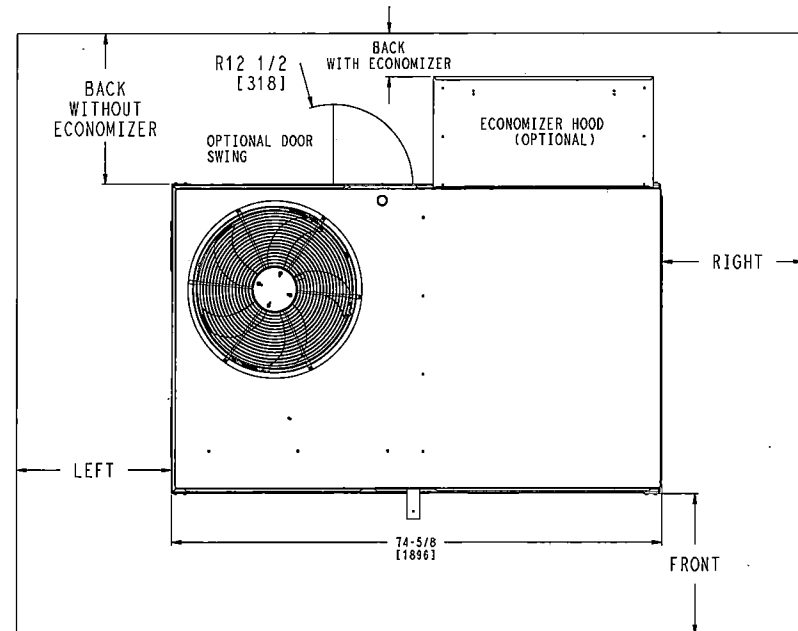
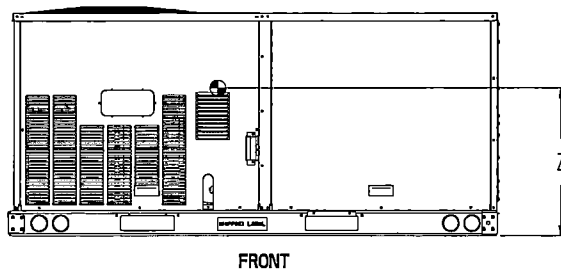
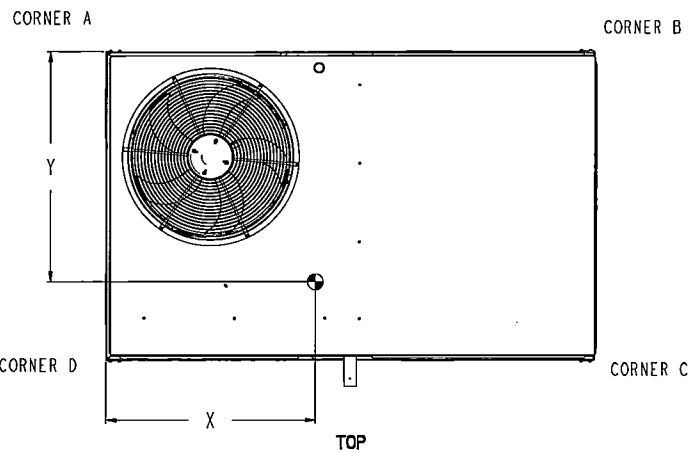
Certified Drawing for RTU-1

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

UNIT	STD. UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.		HEIGHT
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z
48FC**04	482	219	113	51	116	53	128	58	125	57	37 5/8 [956]	24 9/16 [624]	18 1/4 [464]
48FC**05	543	246	138	63	133	60	133	60	138	63	36 1/2 [927]	23 3/8 [594]	18 [457]
48FC**06	556	252	142	64	136	62	136	62	142	64	36 1/2 [927]	23 3/8 [594]	18 [457]
48FC**07	607	275	162	73	152	69	141	64	151	68	36 [914]	22 1/2 [572]	19 3/8 [492]

* STANDARD UNIT WEIGHT IS WITH LOW GAS HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.



NOTES:

1. FOR ALL MINIMUM CLEARANCES LOCAL CODES OR JURISDICTIONS MAY PREVAIL.

	CLEARANCE		
	SERVICE WITH: CONDUCTIVE BARRIER	SERVICE WITH: NONCONDUCTIVE BARRIER	OPERATING CLEARANCE
FRONT	48 [1219mm]	36 [914mm]	18 [457mm]
LEFT	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK W/HOOD	36 [914mm]	36 [914mm]	18 [457mm]
RIGHT	36 [914mm]	36 [914mm]	18 [457mm]
TOP	72 [1829mm]	72 [1829mm]	72 [1829mm]

ITC CLASSIFICATION U.S. ECCN: NSR	SHEET 2 OF 3	DATE 09/07/18	SUPERCEDES 06/22/18	48FC 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT	48TC003093	REV A
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Certified Drawing for RTU-1

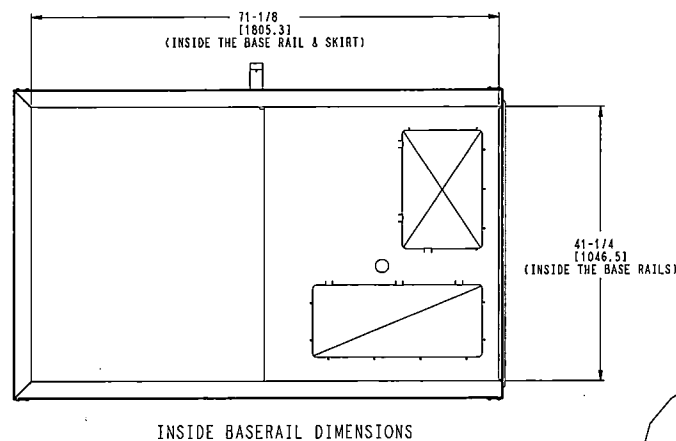
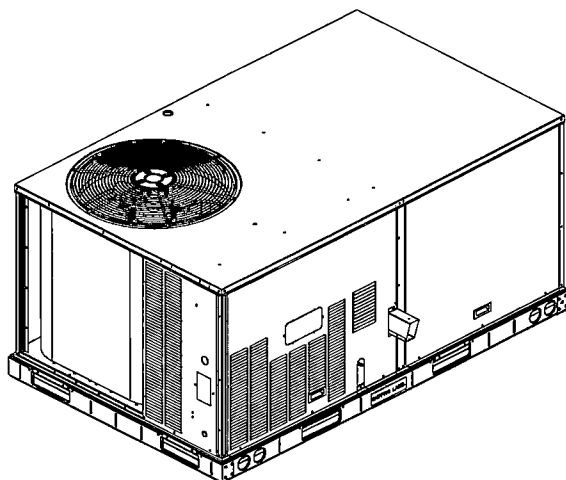
Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM



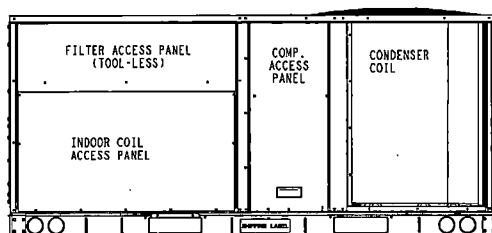
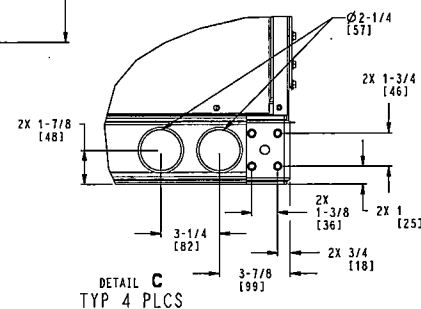
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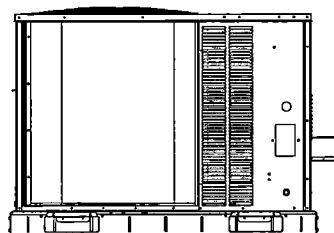


INSIDE BASERAIL DIMENSIONS

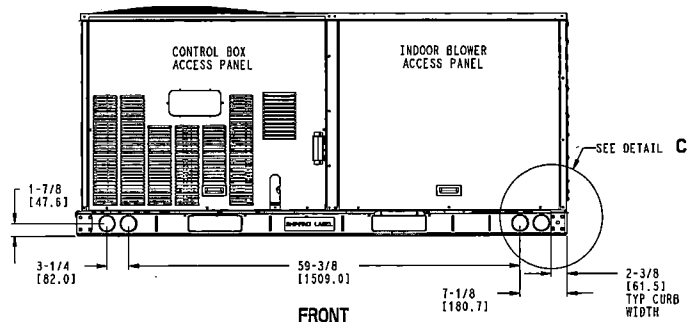
BOTTOM



BACK



LEFT



FRONT

ITC CLASSIFICATION U.S. ECCN: NSR	SHEET 3 OF 3	DATE 09/07/18	SUPERCEDES 06/22/18	48FC 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT	48TC003093	REV A
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Performance Summary For RTU-1

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

Part Number:48FCEA06A2C5-6W0A0

ARI SEER:..... 14.00

Base Unit Dimensions

Unit Length:..... 74.4 in
Unit Width:..... 46.6 in
Unit Height:..... 33.4 in

Operating Weight

Base Unit Weight:..... 511 lb
Medium Heat:..... 63 lb
Enthalpy Ultra Low Leak Econo w/Baro Relief:..... 37 lb

Total Operating Weight:..... 611 lb

Unit

Unit Voltage-Phase-Hertz:..... 208-3-60
Air Discharge:..... Vertical
Fan Drive Type:..... Vane Axial
Actual Airflow:..... 2000 CFM
Site Altitude:..... 16 ft

Cooling Performance

Condenser Entering Air DB:..... 95.0 F
Evaporator Entering Air DB:..... 80.0 F
Evaporator Entering Air WB:..... 67.0 F
Entering Air Enthalpy:..... 31.45 BTU/lb
Evaporator Leaving Air DB:..... 59.3 F
Evaporator Leaving Air WB:..... 57.7 F
Evaporator Leaving Air Enthalpy:..... 24.85 BTU/lb
Gross Cooling Capacity:..... 59.30 MBH
Gross Sensible Capacity:..... 44.71 MBH
Compressor Power Input:..... 4.14 kW
Coil Bypass Factor:..... 0.163

Heating Performance

Heating Airflow:..... 2000 CFM
Entering Air Temp:..... 70.0 F
Leaving Air Temp:..... 110.8 F
Gas Heating Input Capacity:..... 110.0 MBH
Gas Heating Output Capacity:..... 88.0 MBH
Temperature Rise:..... 40.8 F
Thermal Efficiency (%):..... 80.0

Supply Fan

External Static Pressure:..... 0.50 in wg
Options / Accessories Static Pressure
Economizer:..... 0.12 in wg
Total Application Static (ESP + Unit Opts/Acc.):..... 0.62 in wg
Fan RPM:..... 2141
Fan Power:..... 1.05 BHP
NOTE:..... Selected IFM RPM Range: 1478 - 2390

Electrical Data

Voltage Range:..... 187 - 253
Compressor #1 RLA:..... 16
Compressor #1 LRA:..... 110
Indoor Fan Motor Type:..... MED
Indoor Fan Motor FLA:..... 8.6
Combustion Fan Motor FLA (ea):..... 0.48

Performance Summary For RTU-1

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

Power Supply MCA:	31
Power Supply MOCP (Fuse or HACR):	45
Disconnect Size FLA:	30
Disconnect Size LRA:	126
Electrical Convenience Outlet:	None
Outdoor Fan [Qty / FLA (ea)]:	1 / 1.5

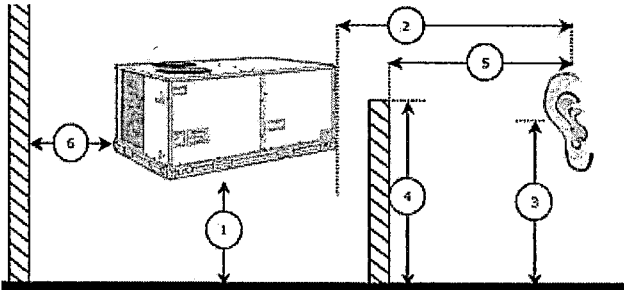
Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage

Acoustics

Sound Power Levels, db re 10E-12 Watts

	Discharge	Inlet	Outdoor
63 Hz	93.0	89.8	85.6
125 Hz	84.4	80.2	84.7
250 Hz	78.4	72.4	80.5
500 Hz	74.7	67.0	76.0
1000 Hz	71.6	69.0	72.4
2000 Hz	69.1	60.4	68.0
4000 Hz	64.9	53.6	62.8
8000 Hz	60.7	47.7	59.3
A-Weighted	78.1	72.9	79.0

Advanced Acoustics



Advanced Acoustics Parameters

- Unit height above ground: 30.0 ft
- Horizontal distance from unit to receiver: 50.0 ft
- Receiver height above ground: 5.7 ft
- Height of obstruction: 0.0 ft
- Horizontal distance from obstruction to receiver: 0.0 ft
- Horizontal distance from unit to obstruction: 0.0 ft

Detailed Acoustics Information

Octave Band Center Freq. Hz	63	125	250	500	1k	2k	4k	8k	Overall
A	85.6	84.7	80.5	76.0	72.4	68.0	62.8	59.3	89.2 Lw
B	59.4	68.6	71.9	72.8	72.4	69.2	63.8	58.2	78.5 LwA
C	53.2	52.3	48.1	43.6	40.0	35.6	30.4	26.9	56.8 Lp
D	27.0	36.2	39.5	40.4	40.0	36.8	31.4	25.8	46.1 LpA

Legend

A Sound Power Levels at Unit's Acoustic Center, Lw

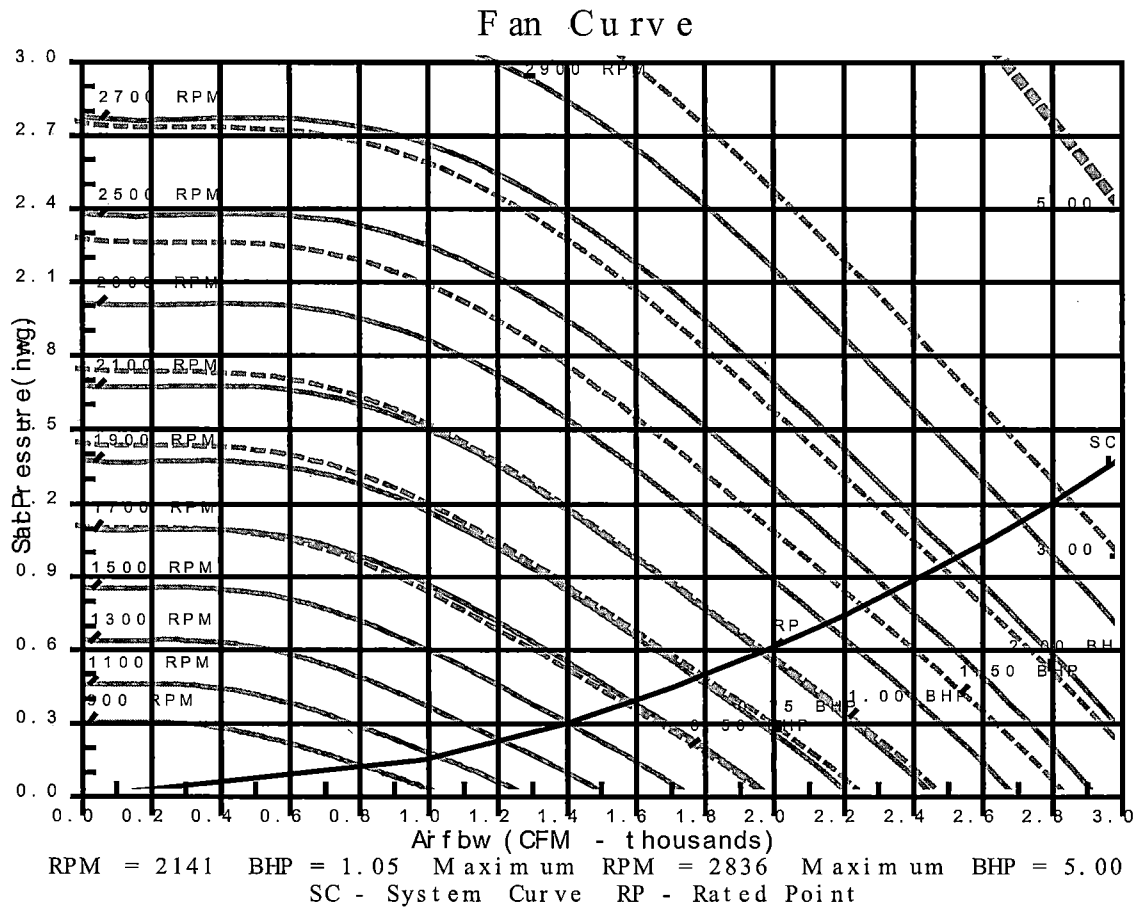
Performance Summary For RTU-1

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

B A-Weighted Sound Power Levels at Unit's Acoustic Center, LwA
C Sound Pressure Levels at Specific Distance from Unit, Lp
D A-Weighted Sound Pressure Levels at Specific Distance from Unit, LpA

Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the AHRI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.



RTU-2

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

RTU-2

Tag Cover Sheet Unit Report Certified Drawing Performance Report

Unit Report For RTU-2

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

Unit Parameters

Unit Model:..... 48FCEA04A2C5-6W0A0
Unit Size:.....04 (3 Tons)
Volts-Phase-Hertz:.....208-3-60
Heating Type:.....Gas
Duct Cfg:..... Vertical Supply / Vertical Return
Medium Heat
Standard One Stage Cooling Models

Dimensions (ft. in.) & Weight (lb.) ***

Unit Length:.....6' 2.375"
Unit Width:.....3' 10.625"
Unit Height:.....2' 9.375"
*** Total Operating Weight:.....531 lb

*** Weights and Dimensions are approximate. Weight does not include unit packaging. Approximate dimensions are provided primarily for shipping purposes. For exact dimensions and weights, refer to appropriate product data catalog.

Lines and Filters

Gas Line Size:..... 1/2
Condensate Drain Line Size:..... 3/4
Return Air Filter Type:..... Throwaway
Return Air Filter Quantity:..... 2
Return Air Filter Size:.....16 x 25 x 2

Unit Configuration

Direct Drive - EcoBlue - Medium Static
E-coat Al/Cu - Al/Cu
Electromechanical Controls w/W7220 Econo Controller
Enthalpy Ultra Low Leak Econo w/Baro Relief
Standard Packaging

Warranty Information

1-Year parts(std.)
5-Year compressor parts(std.)
10-Year heat exchanger - Aluminized(std.)

No optional warranties were selected.

NOTE: Please see Warranty Catalog 500-089 for explanation of policies and ordering methods.

Ordering Information

Part Number	Description	Quantity
48FCEA04A2C5-6W0A0	Rooftop Unit	1
	Base Unit	
	Direct Drive - EcoBlue - Medium Static	
	E-coat Al/Cu - Al/Cu	
	Ultra Low leak Enty Econo X with baro relief, W7220 control. Meets Calf. Title 24 FDD & Leak Rates	

Certified Drawing for RTU-2

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

NOTES:

1. DIMENSIONS ARE IN INCHES, DIMENSIONS IN () ARE IN MILLIMETERS.
2.  CENTER OF GRAVITY
3.  DIRECTION OF AIR FLOW
4.  ALL VIEW DRAWN USING 3RD ANGLE

UNIT	J	K
48FC**04	33 3/8 [847]	18 5/8 [472]
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48FC**07	41 3/8 [1051]	18 5/8 [472]

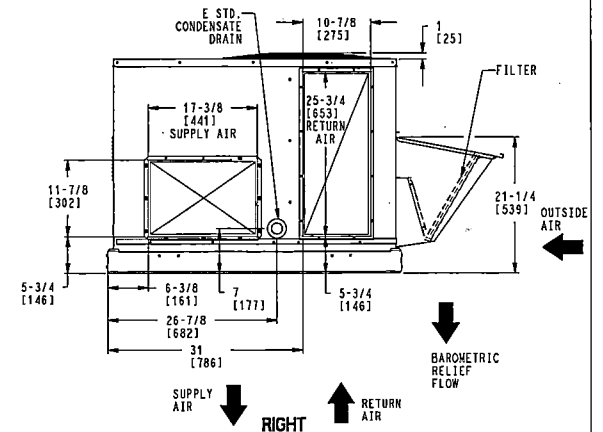
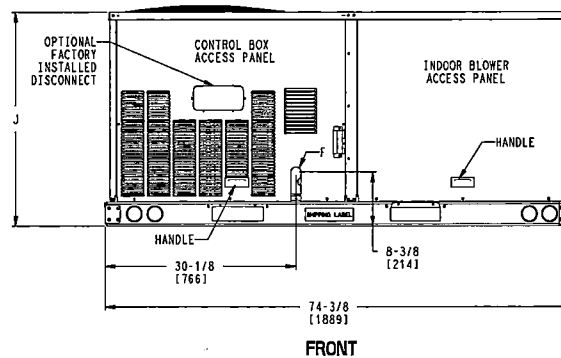
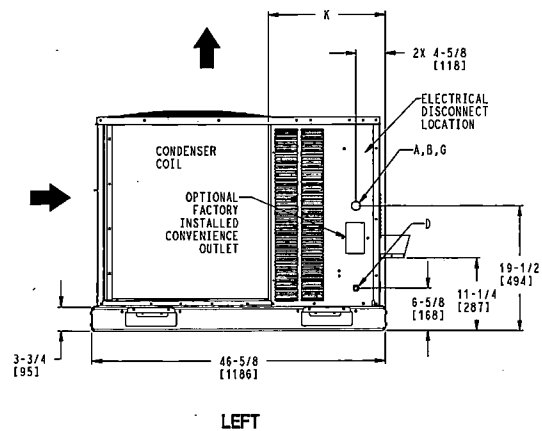
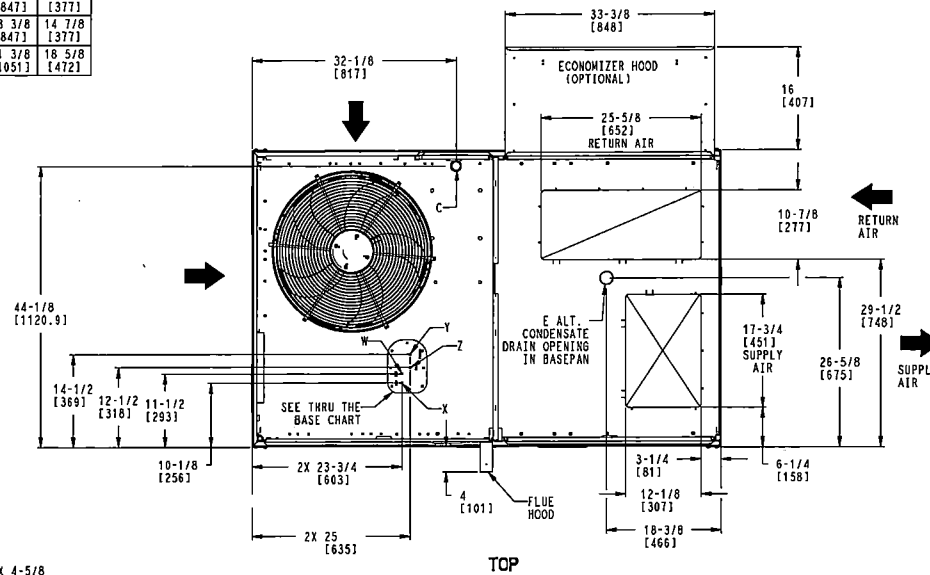


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CONNECTION SIZES	
A	1 3/8" [35] DIA FIELD POWER SUPPLY HOLE
B	2" [50] DIA POWER SUPPLY KNOCKOUT
C	1 3/4" [51] DIA GAUGE ACCESS PLUG
D	7/8" [22] DIA FIELD CONTROL WIRING HOLE
E	3/4"-14 NPT CONDENSATE DRAIN
F	1/2"-14 NPT GAS CONNECTION
G	2 1/2" [64] DIA POWER SUPPLY KNOCK-OUT

THRU-THE-BASE CHART THESE HOLES REQUIRED FOR USE CRBTR008A00, 009A00			
	THREADED CONDUIT SIZE	WIRE USE	REQ'D HOLE SIZES (MAX.)
W	1/2"	115V	7/8" [22.2]
X	1/2"	24V	7/8" [22.2]
Y	3/4"	POWER	1-1/8" [28.6]
Z	(009A00) 1/2" FPT	GAS	1-1/8" [28.6]
FOR "THRU-THE-BASEPAN" FACTORY OPTION, FITTINGS FOR ONLY X, Y, & Z ARE PROVIDED			
* (008A00) PROVIDES 3/4" FPT THRU CURB FLANGE & FITTING.			



ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES	48FC 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT	48TC003093	REV A
U.S. ECCN: NSR	1 OF 3	09/07/18	06/22/18			

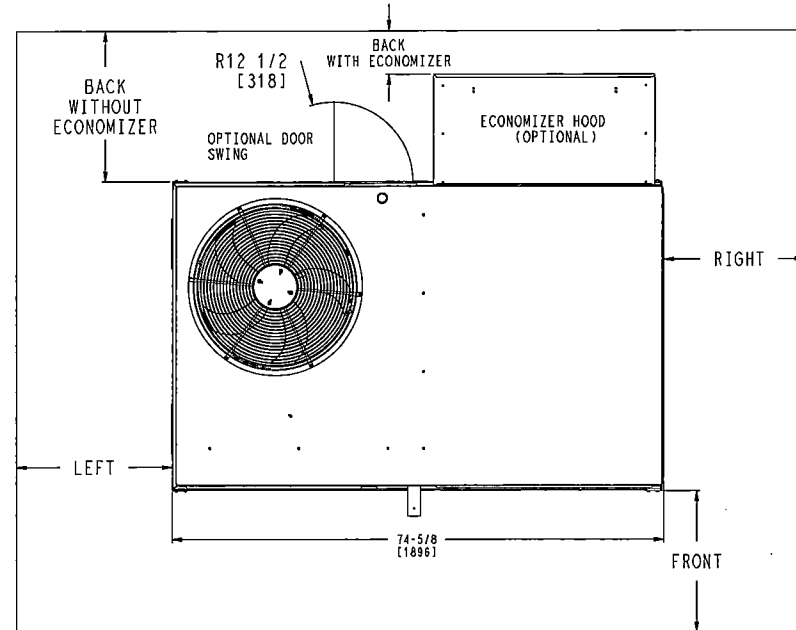
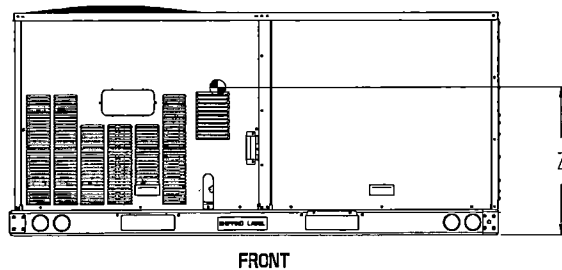
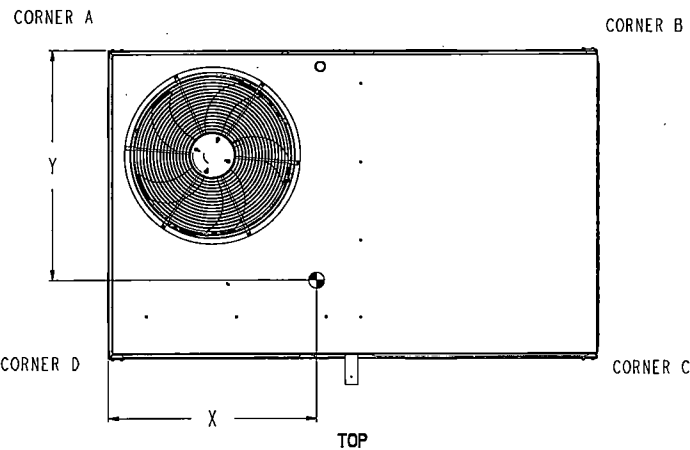
Certified Drawing for RTU-2

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

UNIT	STD. UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.		HEIGHT
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z
48FC**04	482	219	113	51	116	53	128	58	125	57	37 5/8 [956]	24 9/16 [624]	18 1/4 [464]
48FC**05	543	246	138	63	133	60	133	60	138	63	36 1/2 [927]	23 3/8 [594]	18 [457]
48FC**06	556	252	142	64	136	62	136	62	142	64	36 1/2 [927]	23 3/8 [594]	18 [457]
48FC**07	607	275	162	73	152	69	141	64	151	68	36 [914]	22 1/2 [572]	19 3/8 [492]

* STANDARD UNIT WEIGHT IS WITH LOW GAS HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.



NOTES:

1. FOR ALL MINIMUM CLEARANCES LOCAL CODES OR JURISDICTIONS MAY PREVAIL.

	CLEARANCE		OPERATING CLEARANCE
	SERVICE WITH CONDUCTIVE BARRIER	SERVICE WITH NONCONDUCTIVE BARRIER	
FRONT	48 [1219mm]	36 [914mm]	18 [457mm]
LEFT	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK W/HOOD	36 [914mm]	36 [914mm]	18 [457mm]
RIGHT	36 [914mm]	36 [914mm]	18 [457mm]
TOP	72 [1829mm]	72 [1829mm]	72 [1829mm]

ITC CLASSIFICATION U.S. ECCN: NSR	SHEET 2 OF 3	DATE 09/07/18	SUPERCEDES 06/22/18	48FC 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT	48TC003093	REV A
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Certified Drawing for RTU-2

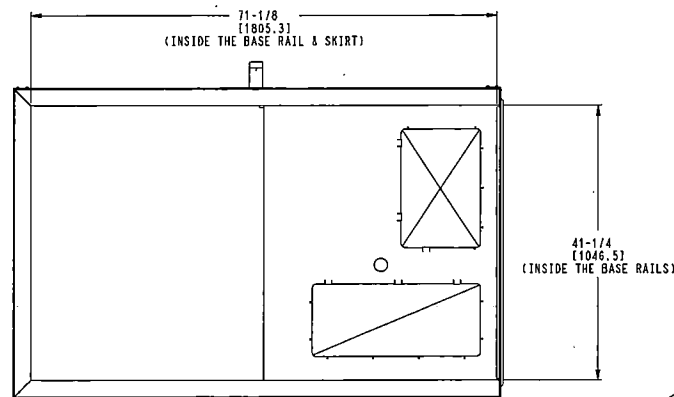
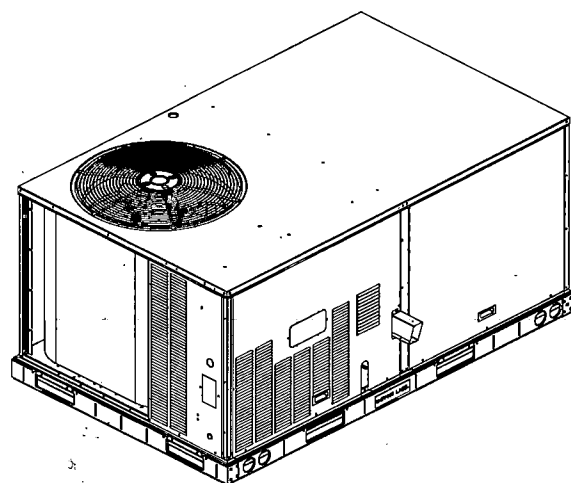
Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
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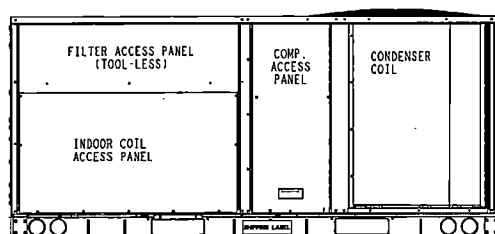
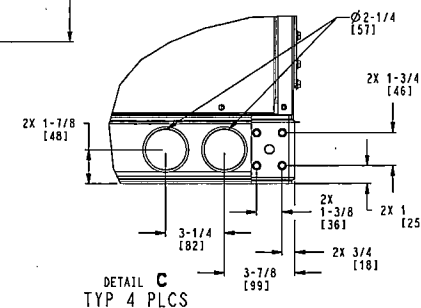
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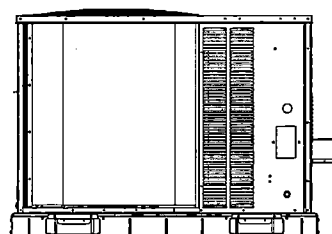


INSIDE BASERAIL DIMENSIONS

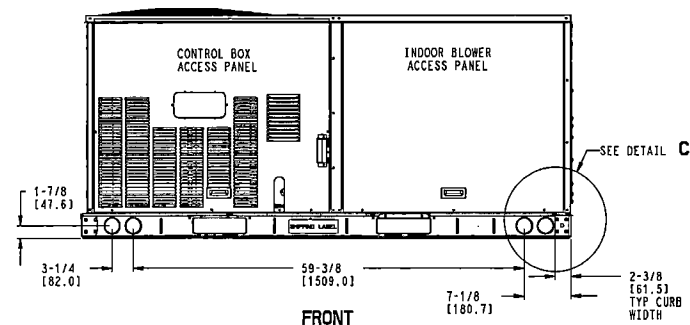
BOTTOM



BACK



LEFT



FRONT

UTC CLASSIFICATION U.S. ECCN: NSR	SHEET 3 OF 3	DATE 09/07/18	SUPERCEDES 06/22/18	48FC 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT	48TC003093	REV A
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Performance Summary For RTU-2

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

Part Number:48FCEA04A2C5-6W0A0

ARI SEER:..... 14.00

Base Unit Dimensions

Unit Length:..... 74.4 in
Unit Width:..... 46.6 in
Unit Height:..... 33.4 in

Operating Weight

Base Unit Weight:..... 437 lb
Medium Heat:..... 57 lb
Enthalpy Ultra Low Leak Econo w/Baro Relief:..... 37 lb

Total Operating Weight:..... 531 lb

Unit

Unit Voltage-Phase-Hertz:..... 208-3-60
Air Discharge:..... Vertical
Fan Drive Type:..... Vane Axial
Actual Airflow:..... 1200 CFM
Site Altitude:..... 16 ft

Cooling Performance

Condenser Entering Air DB:..... 95.0 F
Evaporator Entering Air DB:..... 80.0 F
Evaporator Entering Air WB:..... 67.0 F
Entering Air Enthalpy:..... 31.45 BTU/lb
Evaporator Leaving Air DB:..... 60.4 F
Evaporator Leaving Air WB:..... 57.9 F
Evaporator Leaving Air Enthalpy:..... 24.94 BTU/lb
Gross Cooling Capacity:..... 35.13 MBH
Gross Sensible Capacity:..... 25.38 MBH
Compressor Power Input:..... 2.50 kW
Coil Bypass Factor:..... 0.180

Heating Performance

Heating Airflow:..... 1200 CFM
Entering Air Temp:..... 70.0 F
Leaving Air Temp:..... 137.9 F
Gas Heating Input Capacity:..... 82.0 / 110.0 MBH
Gas Heating Output Capacity:..... 65.0 / 88.0 MBH
Temperature Rise:..... 67.9 F
Thermal Efficiency (%):..... 80.0

Supply Fan

External Static Pressure:..... 0.50 in wg
Options / Accessories Static Pressure
Economizer:..... 0.04 in wg
Total Application Static (ESP + Unit Opts/Acc.):..... 0.54 in wg
Fan RPM:..... 1628
Fan Power:..... 0.31 BHP
NOTE:..... Selected IFM RPM Range: 1112 - 2190

Electrical Data

Voltage Range:..... 187 - 253
Compressor #1 RLA:..... 10.4
Compressor #1 LRA:..... 73
Indoor Fan Motor Type:..... MED
Indoor Fan Motor FLA:..... 5.1
Combustion Fan Motor FLA (ea):..... 0.48

Performance Summary For RTU-2

Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
 Prepared By:

10/25/2021
 09:17AM

Power Supply MCA:	20
Power Supply MOCP (Fuse or HACR):.....	30
Disconnect Size FLA:	20
Disconnect Size LRA:	84
Electrical Convenience Outlet:	None
Outdoor Fan [Qty / FLA (ea)]:	1 / 1.5

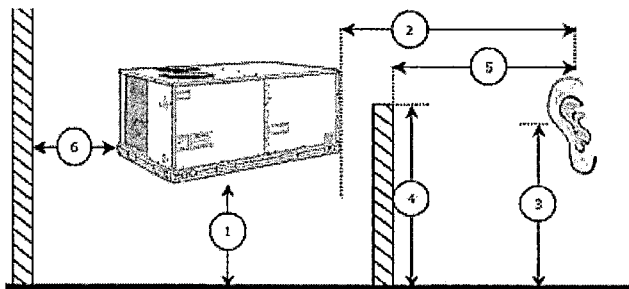
Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage

Acoustics

Sound Power Levels, db re 10E-12 Watts

	Discharge	Inlet	Outdoor
63 Hz	87.7	82.1	85.6
125 Hz	80.0	74.0	84.7
250 Hz	72.6	65.6	80.5
500 Hz	64.3	57.7	76.0
1000 Hz	61.4	59.5	72.4
2000 Hz	58.3	50.9	68.0
4000 Hz	54.7	44.7	62.8
8000 Hz	55.2	40.5	59.3
A-Weighted	70.2	64.6	79.0

Advanced Acoustics



Advanced Acoustics Parameters

1. Unit height above ground:30.0 ft
2. Horizontal distance from unit to receiver:50.0 ft
3. Receiver height above ground:5.7 ft
4. Height of obstruction:0.0 ft
5. Horizontal distance from obstruction to receiver: .0.0 ft
6. Horizontal distance from unit to obstruction:0.0 ft

Detailed Acoustics Information

Octave Band Center Freq. Hz	63	125	250	500	1k	2k	4k	8k	Overall
A	85.6	84.7	80.5	76.0	72.4	68.0	62.8	59.3	89.2 Lw
B	59.4	68.6	71.9	72.8	72.4	69.2	63.8	58.2	78.5 LwA
C	53.2	52.3	48.1	43.6	40.0	35.6	30.4	26.9	56.8 Lp
D	27.0	36.2	39.5	40.4	40.0	36.8	31.4	25.8	46.1 LpA

Legend

A Sound Power Levels at Unit's Acoustic Center, Lw

Performance Summary For RTU-2

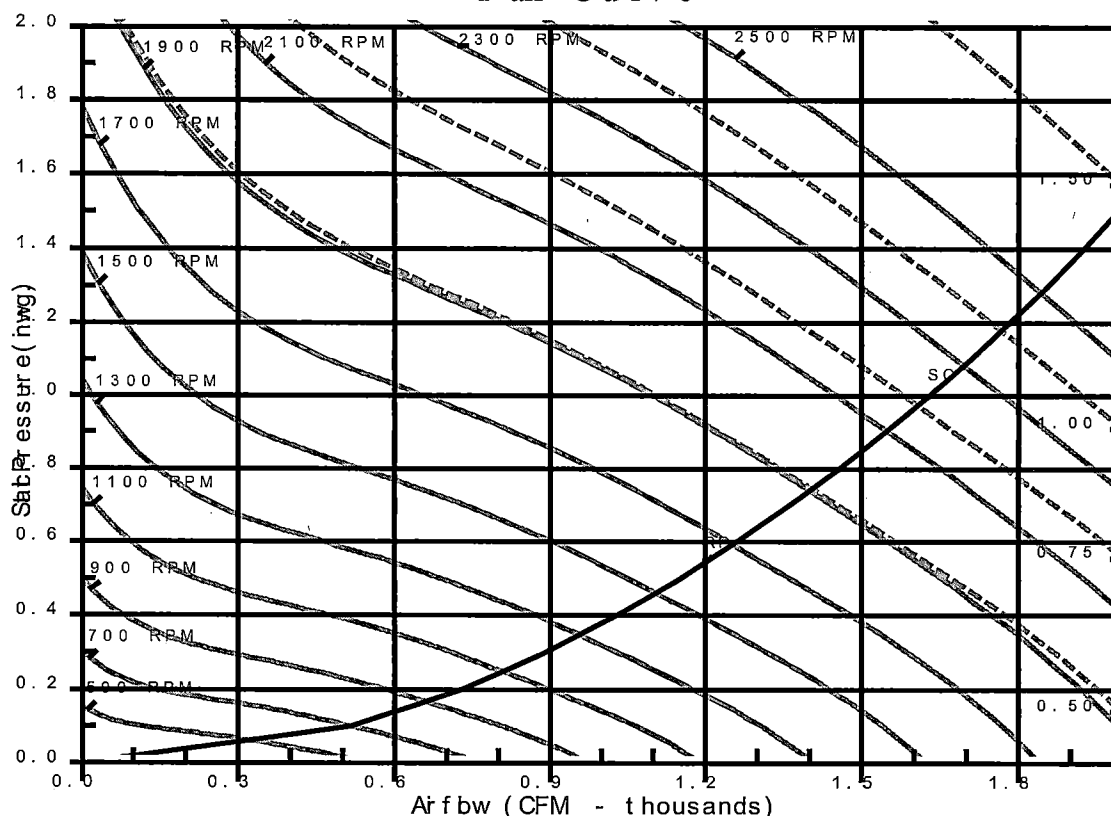
Project: CBRE - LOreal - LRLSC-3205 - Brick, NJ
Prepared By:

10/25/2021
09:17AM

B A-Weighted Sound Power Levels at Unit's Acoustic Center, LwA
C Sound Pressure Levels at Specific Distance from Unit, Lp
D A-Weighted Sound Pressure Levels at Specific Distance from Unit, LpA

Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the AHRI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.

Fan Curve



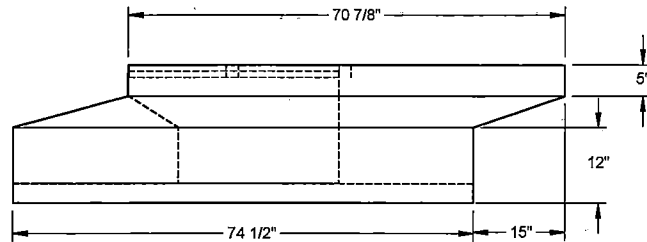
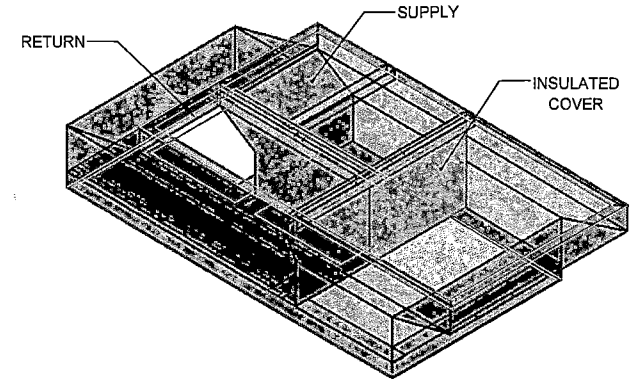
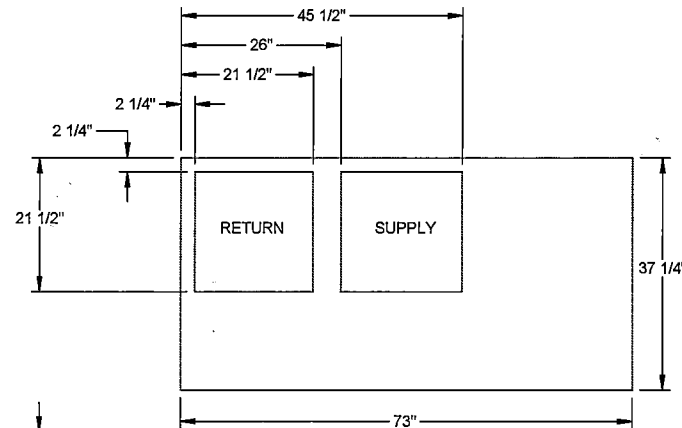
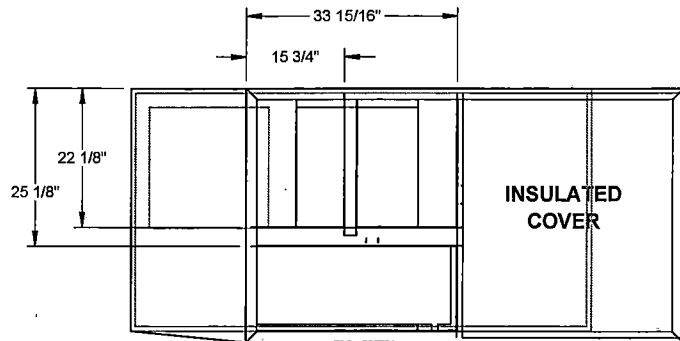
RPM = 1628 BHP = 0.31 Maximum RPM = 2490 Maximum BHP = 5.00
SC - System Curve RP - Rated Point

OPTIONS:
MATERIAL: 18ga. GALV STEEL
INSULATED PANELS (WHERE REQUIRED)
1" 1-1/2LB DUCT INSULATION (R VALUE 3.85)
GASKET PROVIDED WITH CURB
1 1/2" ADDED TO EXISTING CURB O.D.

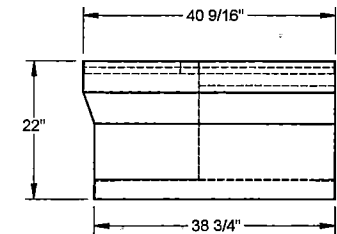
DIMENSIONED AND TOLERENCED PER ANSI Y14.5M-1992

Attn: _____
 Tag: _____
 Approval: _____

REVISIONS				
REV.	ECO#	DESCRIPTION	DATE	APPROVED
1		INITIAL DRAWING	04/21/04	MWG
2		UPDAT TO NEW 3X3	1/8/2019	HMH



FRICTION LOSS PER 100FT		
CFM=2000		
RETURN AREA (IN²)	353	RdP .07
SUPPLY AREA (IN²)	400	SdP .07



CURB SHOWN IS CDI STANDARD CONFIGURATION CDI RESERVES THE RIGHT TO CHANGE LAYOUT WITHOUT NOTIFICATION. IF CURB IS NEEDED IN A DIFFERENT CONFIGURATION CDI MUST BE NOTIFIED PRIOR TO PLACING AN ORDER.

OPERATIONAL HEIGHT OF CDI ADAPTER IS 3" LESS THAN OVERALL CURB HEIGHT SHOWN.

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*VERIFY EXISTING CURB OD *VERIFY SUPPLY AND RETURN OPENINGS *NOTE ANY CHANGES *CALL WITH ANY QUESTIONS *FAX BACK IF DRAWING IS OK AS IS		DIMENSIONS ARE AS FOLLOWS: 1.00 in [25.40 mm]		APPROXIMATE CURB WEIGHT (LBS.): 104.17	
3RD ANGLE PROJECTION		Contact us @ www.cdicurbs.com or 1-888-234-7001		ECO#:	REV: 1
				SCALE: 1:20	SHEET: 1 OF 12

S:\CURBS_CURB_ADAPTERS\STOCK_CURBS_HEM1-5005-4000-HEM