

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT

This is to certify that BANK OF AMERICA

Located At 39 AUBURN ST

Job ID: 2011-09-2258-HVAC

CBL: 375- C-018-001

has permission to Install HVAC on Roof top  
provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

\_\_\_\_\_  
Fire Prevention Officer

*[Signature]* 9/26/11  
Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY  
PENALTY FOR REMOVING THIS CARD

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

<b>Job No:</b> 2011-09-2258-HVAC	<b>Date Applied:</b> 9/19/2011	<b>CBL:</b> 375 - - C - 018 - 001 - - - - -	
<b>Location of Construction:</b> 39 AUBURN STREET	<b>Owner Name:</b> BANK OF AMERICA	<b>Owner Address:</b> 101 N TRYON ST CHARLOTTE, NC - 28255	<b>Phone:</b>
<b>Business Name:</b> BANK OF AMERICA	<b>Contractor Name:</b> HALEY'S METAL SHOP	<b>Contractor Address:</b> 539 Elm Street, Biddeford, ME 04005	<b>Phone:</b> ( ) - 284-8571
<b>Lessee/Buyer's Name:</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	<b>Zone:</b> B-2
<b>Past Use:</b> Bank (Bank of America)	<b>Proposed Use:</b> Same: Bank - to add roof Trane YFD151E on roof	<b>Cost of Work:</b> \$30,000.00	<b>CEO District:</b>
		<b>Fire Dept:</b> <input checked="" type="checkbox"/> Approved <i>w/conditions</i> <input type="checkbox"/> Denied <input type="checkbox"/> N/A <b>Signature:</b> <i>Capt. Stone 9/22/11</i>	<b>Inspection:</b> Use Group: <i>B</i> Type: <i>HVAC</i> <i>ASHRAE 2.1</i> <b>Signature:</b> <i>[Signature]</i> <i>9/26/11</i>
<b>Proposed Project Description:</b> INstall Trane YFD1515 on Roof		<b>Pedestrian Activities District (P.A.D.)</b>	
<b>Permit Taken By:</b> Lannie		<b>Zoning Approval</b>	

	Special Zone or Reviews	Zoning Appeal	Historic Preservation
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building Permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.	<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK with conditions</i> <i>9/19/11</i>	<input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: <i>[Signature]</i>	<input checked="" type="checkbox"/> Not in Dist or Landmark <input type="checkbox"/> Does not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>[Signature]</i>

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the appication is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

HUAC permit down to  
close

Brown will work with  
Electrician MP

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

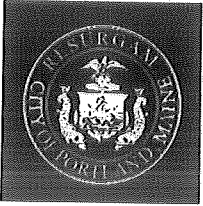
or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**
  1. Close in Inspection
  2. Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUOPIED.



# PORTLAND MAINE

*Strengthening a Remarkable City, Building a Community for Life* • [www.portlandmaine.gov](http://www.portlandmaine.gov)

Director of Planning and Urban Development  
Penny St. Louis

Job ID: 2011-09-2258-HVAC

Located At: 39 AUBURN ST

CBL: 375- C-018-001

## Conditions of Approval:

### **Zoning**

1. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
2. The B-2 Zone has maximum noise limits. This unit and property shall not exceed the maximum allowable noise limits. Any violations shall be eliminated by means of sound dampening measures.

### **Fire**

1. Installation shall comply with City Code Chapter 10.
2. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
3. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;
4. NFPA 54, *National Fuel Gas Code*;
5. NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;
6. NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;
7. NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

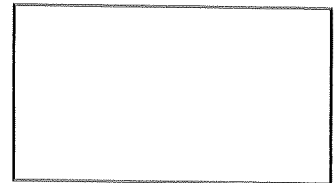
### **Building**

1. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
2. The installation must comply with the State of Maine Gas Regulations and ASHRAE 62.1 - 2007
3. This appliance/stove shall be installed, operated and maintained per the manufacturers specifications and the UL listing.



FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



395 C018

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 39 Auburn St., Portland Use of Building Bank Date \_\_\_\_\_

Name and address of owner of appliance Bank of America

Installer's name and address Haley's Metal Shop  
539 Elm St., Biddeford, Me 04005 Telephone 207-284-8571

**Location of appliance:**

Basement       Floor  
 Attic             Roof

**Type of Fuel:**

Gas       Oil       Solid

**Appliance Name:** Trane YFD151K

U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes       No

IF NO Explain: \_\_\_\_\_

**Type of Chimney:**

Masonry Lined  
Factory built \_\_\_\_\_

Metal  
Factory Built U.L. Listing # \_\_\_\_\_

Direct Vent  
Type \_\_\_\_\_ UL# \_\_\_\_\_

**Type of Fuel Tank**

Oil  
 Gas

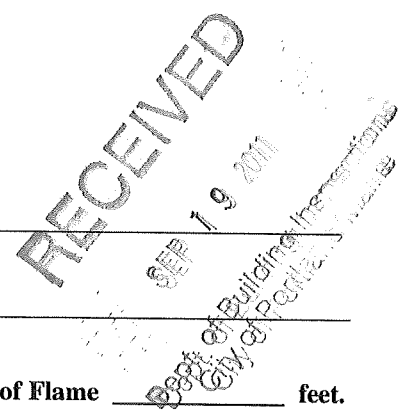
Size of Tank NA

Number of Tanks NA

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 27,423.00

Permit Fee: \$ 314.23 320



**The Type of License of Installer:**

Master Plumber # \_\_\_\_\_  
 Solid Fuel # \_\_\_\_\_  
 Oil # \_\_\_\_\_  
 Gas # PNT5274  
 Other \_\_\_\_\_

**Approved**

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: \_\_\_\_\_

Signature of Installer \_\_\_\_\_

**Approved with Conditions**

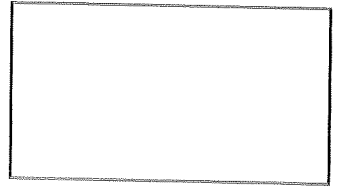
See attached letter or requirement

Inspector's Signature \_\_\_\_\_ Date Approved \_\_\_\_\_



FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 39 Auburn St, Portland Use of Building Bank Date \_\_\_\_\_

Name and address of owner of appliance Bank of America

Installer's name and address Haley's Metal Shop  
539 Elm St, Biddeford, Me 04005 Telephone 207-284-8571

**Location of appliance:**

Basement       Floor  
 Attic             Roof

**Type of Fuel:**

Gas       Oil       Solid

**Appliance Name:** TRINE YFD151E

U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes       No

IF NO Explain: \_\_\_\_\_

**The Type of License of Installer:**

Master Plumber # \_\_\_\_\_  
 Solid Fuel # \_\_\_\_\_  
 Oil # \_\_\_\_\_  
 Gas # PNT 5274  
 Other \_\_\_\_\_

**Type of Chimney:**

Masonry Lined  
Factory built \_\_\_\_\_

Metal  
Factory Built U.L. Listing # \_\_\_\_\_

Direct Vent  
Type \_\_\_\_\_ UL# \_\_\_\_\_

**Type of Fuel Tank**

Oil  
 Gas

Size of Tank NA

Number of Tanks NA

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 29,423.00

Permit Fee: \$ 344.29

**Approved**

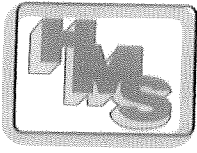
Fire: \_\_\_\_\_  
Ele.: \_\_\_\_\_  
Bldg.: \_\_\_\_\_

**Approved with Conditions**

See attached letter or requirement

\_\_\_\_\_  
Inspector's Signature      Date Approved

Signature of Installer \_\_\_\_\_



**Haley's  
Metal Shop, Inc.**  
Since 1917

539 Elm Street • Biddeford, Maine 04005  
(207) 284-8571 • Fax (207) 284-9597

## LETTER OF TRANSMITTAL

City of Portland  
Planning and Development Department  
Portland City Hall  
389 Congress Street  
Portland, Maine 04101

Subject: Bank of America- 39 Auburn Street, Portland  
Date: September 16, 2011  
Via: hand delivered

Attached documents for your use:

Copies	Date	Title/Description
1	9/16/11	M-1
1	7/19/11	Trane equipment data
1	9/16/11	Mohlin & Company structural review letter

<input type="checkbox"/>	For Approval	<input checked="" type="checkbox"/>	For permit application
<input type="checkbox"/>	For Record	<input type="checkbox"/>	For Review and Comment
<input type="checkbox"/>	For Your Use	<input type="checkbox"/>	Approved as Noted
<input checked="" type="checkbox"/>	As Requested	<input type="checkbox"/>	Returned for Corrections

Brian Haley P.E.  
Chief Executive Officer

cc: Dan Wilkie-MJ Daly





# General Data

Table 1. General data—cooling 12½–15 tons standard efficiency

	12½ Tons Downflow & Horizontal Units		15 Tons Downflow & Horizontal Units	
	TC*150F3,4,W,K	YC*150F3,4,WL/H,K	TC*180F3,4,W,K	YC*180F3,4,WL/H,K
<b>Cooling Performance<sup>(a)</sup></b>				
Gross Cooling Capacity	145,000	145,000	181,000	181,000
EER (Downflow/Horizontal) <sup>(b)</sup>	11	11	11	11
Nominal Airflow cfm	4400	4400	5300	5300
ARI Net Cooling Capacity	140,000	140,000	176,000	176,000
Integrated Energy Efficiency Ratio (IEER) <sup>(c)</sup>	12.2	12.2	12.2	12.2
Percent Capacity @ part load (Stage 1/Stage 2)	50/100	50/100	68/100	68/100
System Power (kW)	12.73	12.73	16.00	16.00
<b>Compressor</b>				
Number/Type	2 / Scrolls	2 / Scrolls	2 / Scrolls	2 / Scrolls
<b>Sound</b>				
Outdoor Sound Rating (BELS) <sup>(d)</sup>	9.2	9.2	9.2	9.2
<b>Outdoor Coil</b>				
Type	Microchannel	Microchannel	Microchannel	Microchannel
Coil Width (in.)	1.0	1.0	1.0	1.0
Face Area (sq. ft.)	25.9	25.9	35.2	35.2
Rows/FPI	1 / 20	1 / 20	1 / 20	1 / 20
<b>Indoor Coil</b>				
Type	Hi-Performance	Hi-Performance	Hi-Performance	Hi-Performance
Tube Size (in.) ID	0.3125	0.3125	0.3125	0.3125
Face Area (sq. ft.)	17.50	17.50	26.00	26.00
Rows/FPI	4 / 15	4 / 15	3 / 15	3 / 15
Refrigerant Control	Short Orifice	Short Orifice	Short Orifice	Short Orifice
Drain Connection Number/Size (in.)	1/1.00 NPT	1/1.00 NPT	1/1.00 NPT	1/1.00 NPT
<b>Outdoor Fan</b>				
Type	Propeller	Propeller	Propeller	Propeller
Number Used/Diameter (in.)	2 / 26	2 / 26	2 / 26	2 / 26
Drive Type/No. Speeds	Direct / 1	Direct / 1	Direct / 1	Direct / 1
cfm	11,000	11,000	11,000	11,000
Number Motors/hp	2 / 0.50	2 / 0.50	2 / 0.50	2 / 0.50
Motor rpm	1,100	1,100	1,100	1,100
<b>Indoor Fan</b>				
Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Number Used/Diameter (in.)	1 / 15x15	1 / 15x15	1 / 18x18	1 / 18x18
Drive Type/No. Speeds	Belt / 1	Belt / 1	Belt / 1	Belt / 1
Number Motors	1	1	1	1
Motor hp (Standard/Oversized) <sup>(e)</sup>	3.0 / 5.0	3.0 / 5.0	3.0 / 5.0	3.0 / 5.0
Motor rpm (Standard/Oversized)	1,740 / 3,450	1,740 / 3,450	1,740 / 3,450	1,740 / 3,450
Motor Frame Size (Standard/Oversized)	145T / 145T	145T / 145T	145T / 145T	145T / 145T

**Table 1. General data—cooling 12½–15 tons standard efficiency (continued)**

	12½ Tons Downflow & Horizontal Units		15 Tons Downflow & Horizontal Units	
	TC*150F3,4,W,K	YC*150F3,4,WL/H,K	TC*180F3,4,W,K	YC*180F3,4,WL/H,K
<b>Filters</b>				
Type Furnished <sup>(f)</sup>	Throwaway	Throwaway	Throwaway	Throwaway
Number Size Recommended				
Downflow	(2)20x20x2 (4)20x25x2	(2)20x20x2 (4)20x25x2	(4)20x20x2 (4)20x25x2	(4)20x20x2 (4)20x25x2
Horizontal	(2)20x20x2 (4)20x25x2	(2)20x20x2 (4)20x25x2	(8)20x25x2	(8)20x25x2
<b>Refrigerant Charge (Pounds of R-410A)<sup>(g)</sup></b>				
Downflow / Horizontal	6.5 / 6.5	6.5 / 6.5	11.4 / 6.0	11.4 / 6.0

(a) Cooling Performance is rated at 95°F ambient, 80°F entering dry bulb, 67°F entering wet bulb. Gross capacity does not include the effect of fan motor heat. ARI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to ±20% of nominal cfm. Certified in accordance with the Unitary Large Equipment Certification Program, which is based on ARI Standard 340/360-93.

(b) EER is rated at ARI conditions and in accordance with ARI Standard 210/240 or 360.

(c) Integrated Energy Efficiency Ratio (IEER) is rated in accordance with AHRI standard 210/240 or 360.

(d) Outdoor Sound Rating shown is tested in accordance with ARI Standard 270 or 370.

(e) For 380V/60Hz units, the oversized motor (Indoor Fan) is used as the standard motor. Refer to oversized motor data.

(f) An optional 2-inch pleated filter is also available.

(g) Refrigerant charge is an approximate value. For a more precise value, see unit nameplate and service instructions.

\* Indicates both downflow and horizontal units.

**Table 2. General data—heating—12½–15 tons standard efficiency**

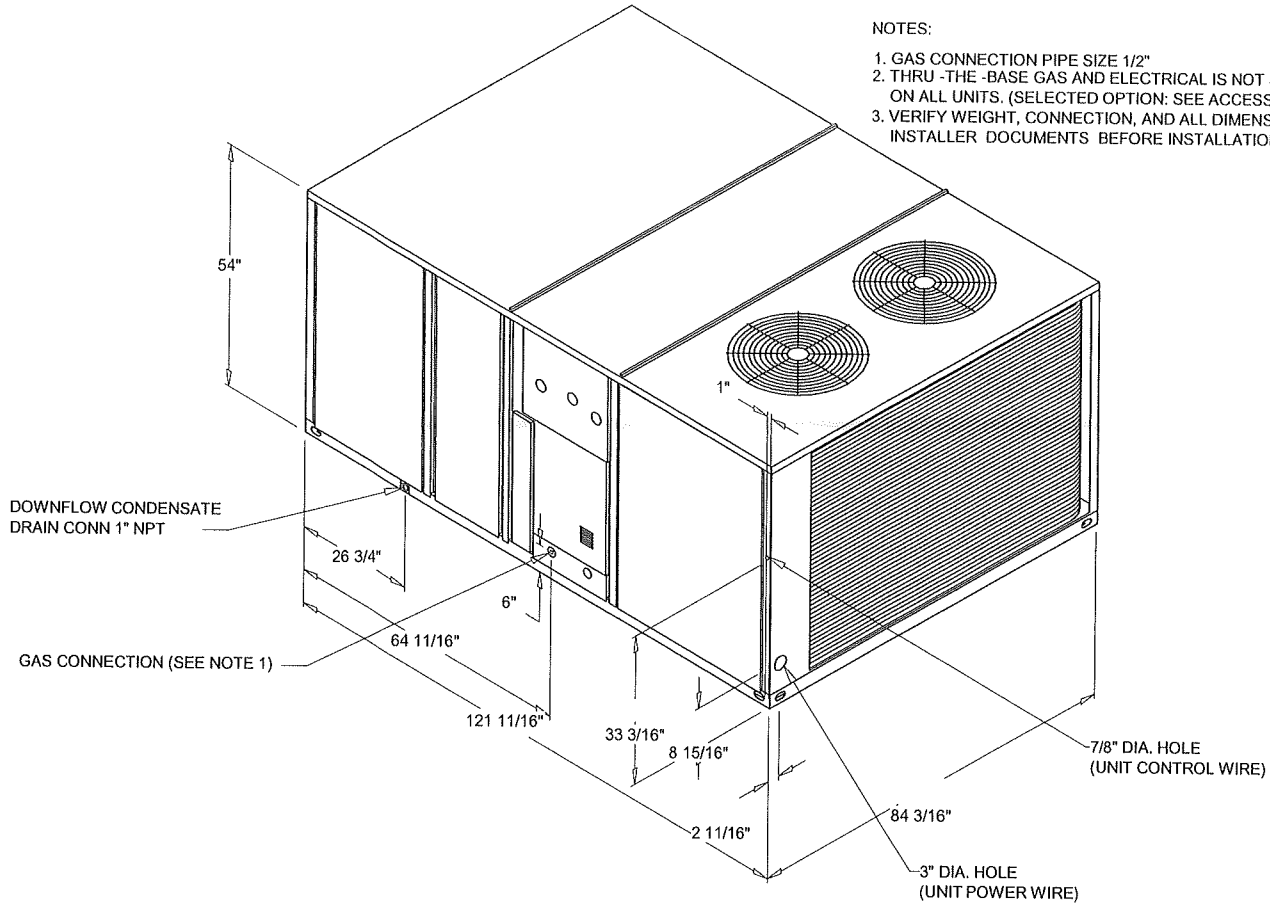
	12½ Tons Downflow & Horizontal Units			15 Tons Downflow & Horizontal Units		
	Heating Performance <sup>(a)</sup> (Gas/Electric Only)					
Heating Models	Low	High	Modulating Turn Down = 5:1	Low	High	Modulating Turn Down = 5:1
<b>Heating Input (Btu/h)</b>	150,000	250,000	350,000	250,000	350,000	350,000
1st Stage (Btu)	100,000	175,000	70,000	175,000	250,000	70,000
<b>Heating Output (Btu/h)</b>	122,000	203,000	283,500	203,000	284,000	283,500
1st Stage (Btu)	81,000	142,000	56,700	142,000	203,000	56,700
<b>AFUE% (DF/HF)<sup>(b)</sup></b>						
Downflow/Horizontal	81.0/81.0	80.7/79.9	80.1/79.1	80.7/79.9	80.1/79.1	80.1/79.1
<b>Steady State Efficiency%</b>	81.0	81.0	81.0	81.0	81.0	81.0
<b>No. Burners</b>	1	1	1	1	1	1
<b>No. Stages</b>	2	2	N/A	2	2	N/A
<b>Gas Supply Line Pressure (in. wc)</b>	2.5/14.0	2.5/14.0	2.5/14.0	2.5/14.0	2.5/14.0	2.5/14.0
Natural or LP (minimum/maximum)	Natural or LP	Natural or LP	Natural Only	Natural or LP	Natural or LP	Natural Only
<b>Gas Connection Pipe Size (in.)</b>	1/2	1/2	3/4	1/2	3/4	3/4

(a) Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standards Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.

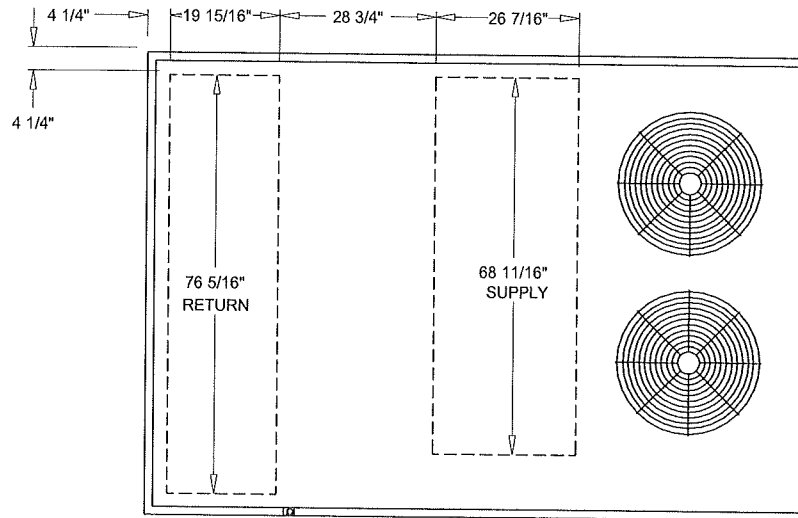
(b) AFUE is rated in accordance with DOE test procedures.

### Unit Dimensions - Packaged Gas/Electric Rooftop Units

Item: A1 Qty: 1



PACKAGED GAS/ELECTRIC - DOWNFLOW  
ISOMETRIC DRAWING



PACKAGED GAS/ELECTRIC - DOWNFLOW  
PLAN VIEW DRAWING

Unit Dimensions - Packaged Gas/Electric Rooftop Units

Item: A1 Qty: 1

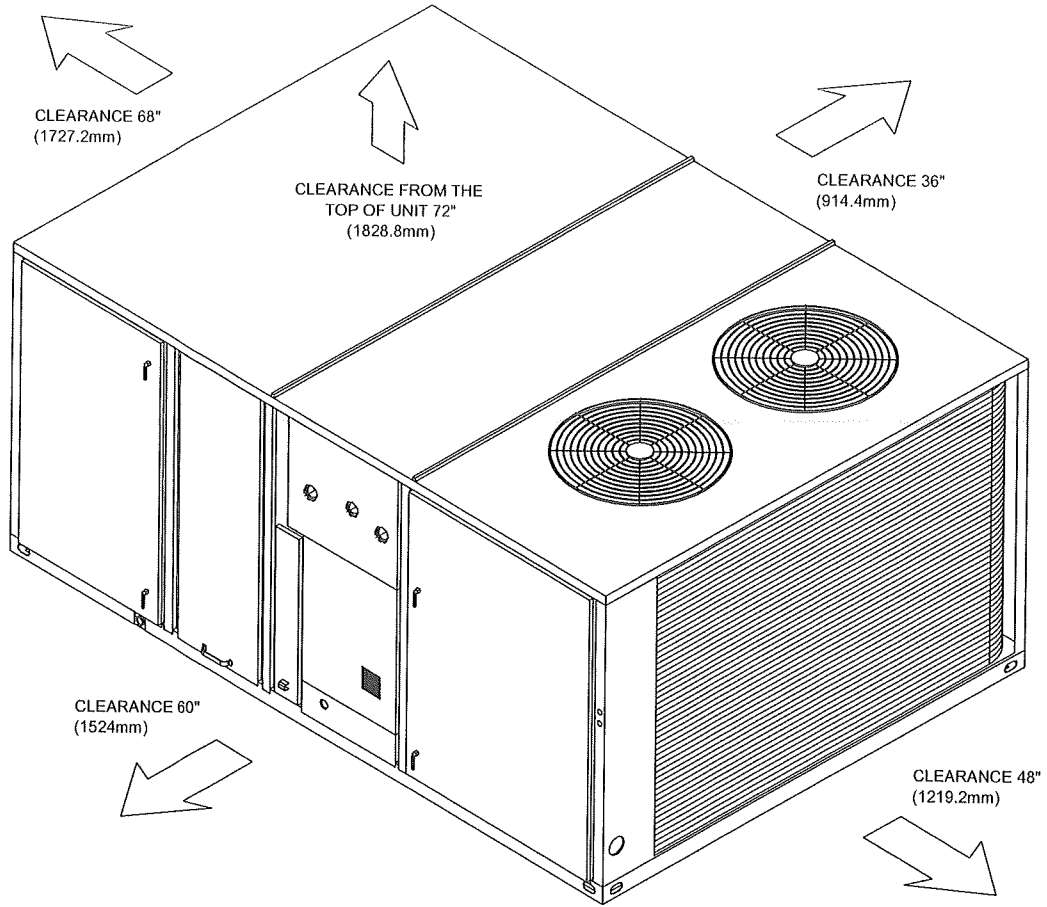
ELECTRICAL / GENERAL DATA

<p><b>GENERAL PERFORMANCE</b></p> <p>Model (Ton): <sup>(10)(11)(12)(13)(14)</sup> YFD151E (12.5)      Standard Motor <sup>(1) (3) (4)</sup></p> <p>Unit Operating Voltage Range: 187-253      Minimum Circuit Ampacity: 65.0                  Unit Primary Voltage: 208      Maximum Fuse Size: 80.0                  Unit Secondary Voltage: 230      Maximum (HACR) Circuit Breaker: 80.0                  Unit Hertz: 60      Standard Oversized Motor <sup>(6) (4)</sup>      Accessory Oversized Motor <sup>(6) (4)</sup>                  Unit Phase: 3      Minimum Circuit Ampacity: 71.0      Minimum Circuit Ampacity:                  EER: <sup>(7)</sup> 12.0      Maximum Fuse Size: 80.0      Maximum Fuse Size:                  Maximum (HACR) Circuit Breaker: 80.0      Maximum (HACR) Circuit Breaker:</p>		
<p><b>GAS HEATING</b></p> <p>Heating Models: High                  Heating and 1 Stage Input (Btu/h): 250,000 / 175,000                  Heating and 1 Stage Output (Btu/h): 203,000 / 142,000                  Min./Max. Gas Input -                  Pressure Natural or LP (In w.c.): 2.5/14.0                  Gas Connection Pipe Size: 1/2"</p>		<p><b>COMPRESSOR</b></p> <p>Circuit #1 / 2                  Number: 2                  Horsepower: 6.9/3.7                  Phase: 3                  Rated Load Amps: 25.0/16.0                  Locked Rotor Amps: 164.0/91.0</p>
<p><b>INDOOR MOTOR</b></p> <p>Standard Motor      Standard Oversized Motor <sup>(6)</sup>      Accessory Oversized Motor <sup>(6)</sup></p> <p>Number: 1      Number:      Number:                  Horsepower: 3.0      Horsepower:                  Motor Speed (RPM): 1,740      Motor Speed (RPM):                  Phase: 3      Phase:                  Full Load Amps: 10.6      Full Load Amps:                  Locked Rotor Amps: 81.0      Locked Rotor Amps:</p>		
<p><b>OUTDOOR MOTOR</b></p> <p>Number: <sup>(8)</sup> 2                  Horsepower: 0.5                  Motor speed (RPM): 1,100                  Phase: 1                  Full Load Amps: 3.2                  Locked Rotor Amps: 8.8</p>	<p><b>POWER EXHAUST</b> (Field Installed Power Exhaust)</p> <p>Horsepower: N/A                  Motor Speed (RPM): N/A                  Phase: N/A                  Full Load Amps: N/A                  Locked Rotor Amps: N/A</p>	<p><b>COMBUSTION BLOWER MOTOR</b> (Gas-Fired Heating only)</p> <p>Horsepower: 0.05                  Motor Speed (RPM): 3500/2800                  Phase: 1                  Full Load Amps: 0.5                  Locked Rotor Amps: 0.78</p>
<p><b>FILTER</b></p> <p>Type: Throwaway                  Furnished: Yes                  Number: 4/4                  Recommended Size: 20"x20"x2" / 20"x25"x2"</p>		<p><b>REFRIGERANT</b></p> <p>Circuit #1 / 2                  Type: <sup>(2)</sup> R - 410                  Factory Charge                  Circuit #1 / 2: 16.9 lb / 10.3 lb</p>

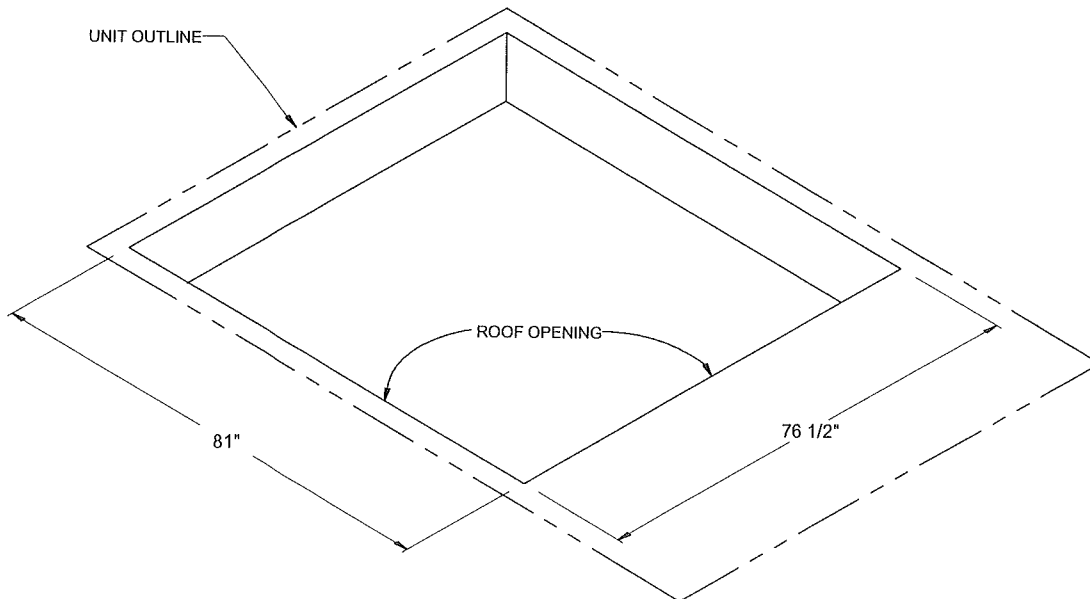
NOTES:

1. Maximum (HACR) Circuit Breaker sizing is for installations in the United States only.
2. Refrigerant charge is an approximate value. For a more precise value, see unit nameplate and service instructions.
3. Value does not include Power Exhaust Accessory.
4. Value does not include Heater.
5. Value include Standard Motor.
6. Value include Oversized Motor
7. EER is rated at AHRI conditions and in accordance with DOE test procedures.
8. For Compressor Motors and Condenser Fan Motors: Amp draw for each motor; multiply value by number of motors to determine total amps.
9. HP for each compressor.
10. TXV/Face-Split Option (Downflow Only) YCD211E3,4,W (EER):12; (System Power kW): 17.33; (Refrigerant Control): Expansion Valve;
11. TXV/Face-Split Option (Downflow Only) YCD241E3,4,W (EER):11; (System Power kW): 22; (Refrigerant Control): Expansion Valve;
12. TXV/Face-Split Option (Downflow Only) YCD301E3,4,W (EER):11; (System Power kW): 25.45; (Refrigerant Control): Expansion Valve;
13. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270 or 370.
14. AFUE is rated in accordance with DOE test procedures.

**Weight, Clearance & Rigging Diagram - Packaged Gas/Electric Rooftop Units**  
Item: A1 Qty: 1



DOWNFLOW-PACKAGED GAS/ELECTRIC CLEARANCE

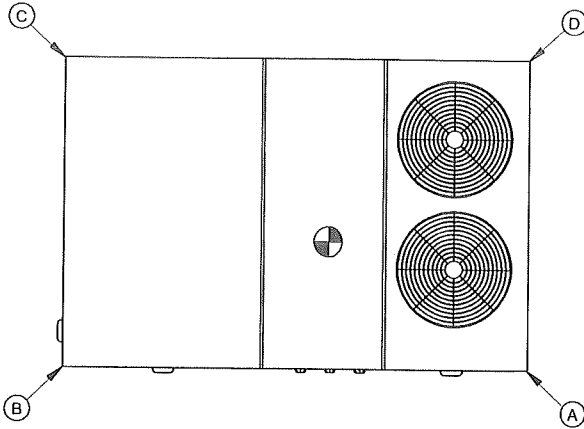


DOWNFLOW-PACKAGED GAS/ELECTRIC ROOF OPENING CLEARANCE

**Weight, Clearance & Rigging Diagram - Packaged Gas/Electric Rooftop Units**  
 Item: A1 Qty: 1

**INSTALLED OPTIONS NET WEIGHT DATA**

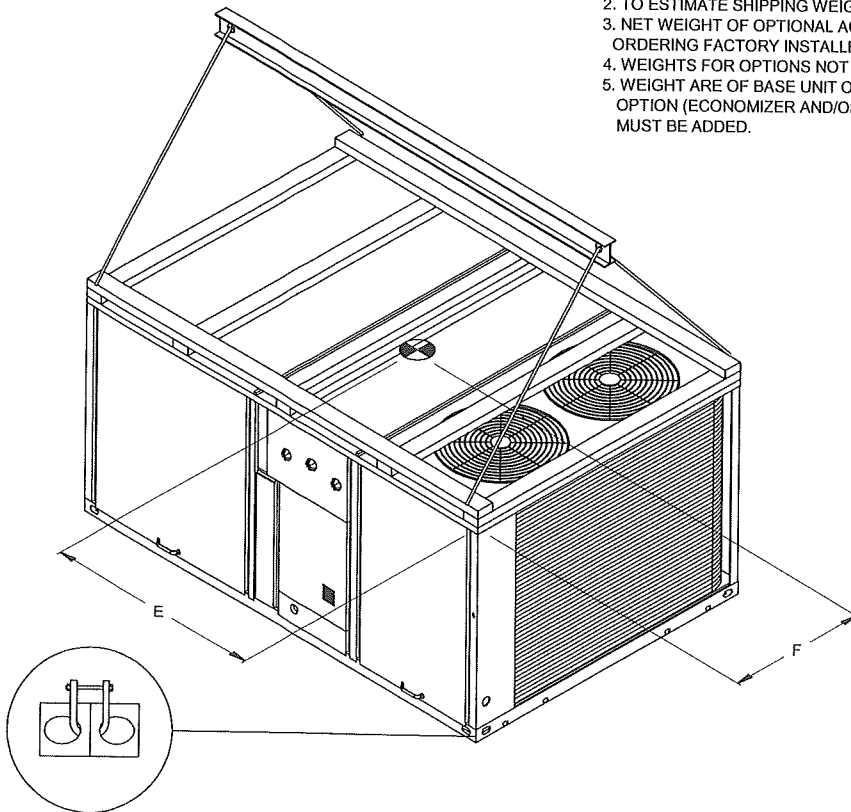
Accessory		Accessory					
Economizer		80.0 lb					
Motorized Outside Air Damper							
Manual Outside air Damper							
Oversized Motor							
High Efficiency Motor							
High Static Drive							
Thru the Base Electrical							
Unit Mounted Circuit Breaker							
Unit Mounted Disconnect							
Power Exhaust							
Hinged Doors		27.0 lb					
Zone Sensor							
LPG Conversion Kit		5.0 lb					
Powered Convenience Outlet							
Roof Curb							
BASE UNIT WEIGHTS		CORNER WEIGHTS				CENTER OF GRAVITY	
SHIPPING	NET	(A)	(B)	(C)	(D)	E	F
2610.0 lb	2126.0 lb	676.0 lb	555.0 lb	406.0 lb	487.0 lb	56"	36"



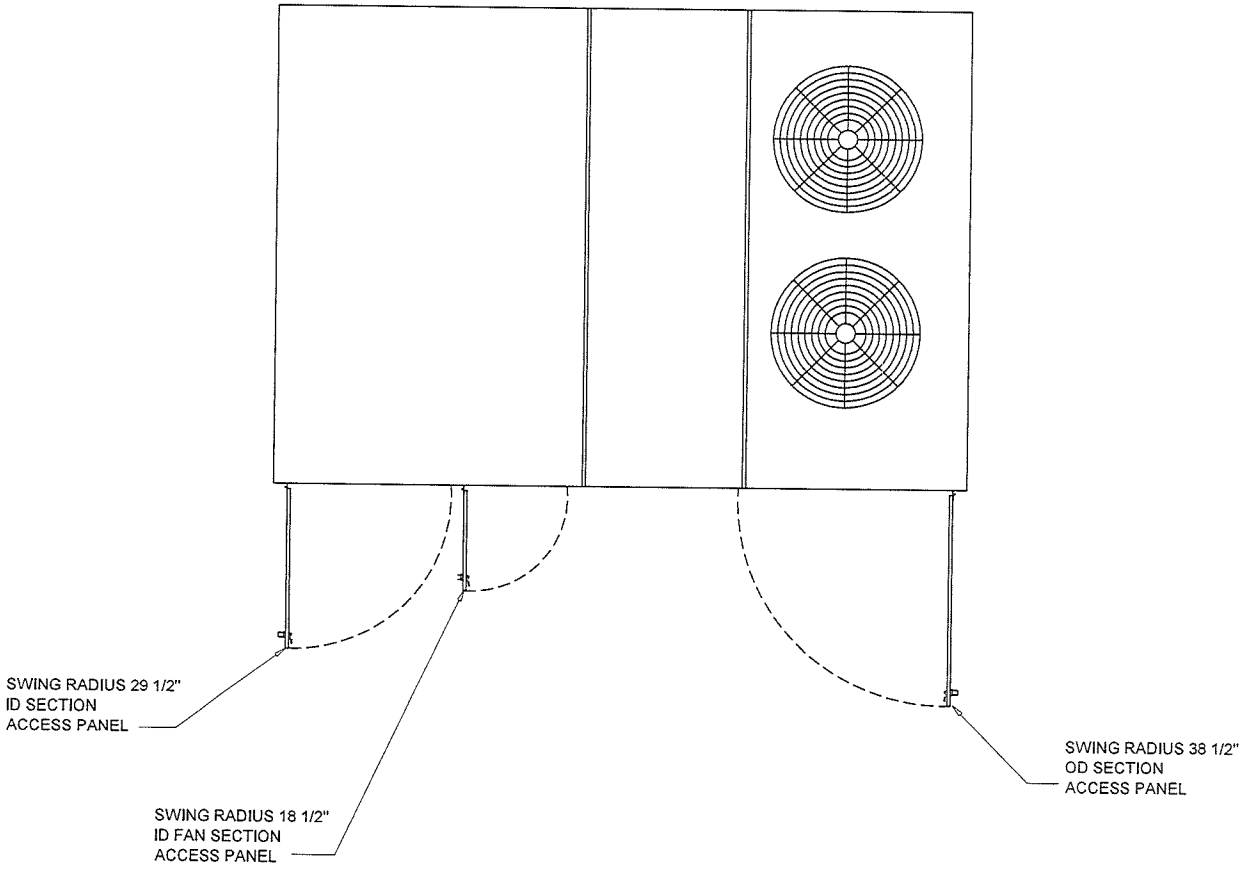
CORNER WEIGHT

**NOTE:**

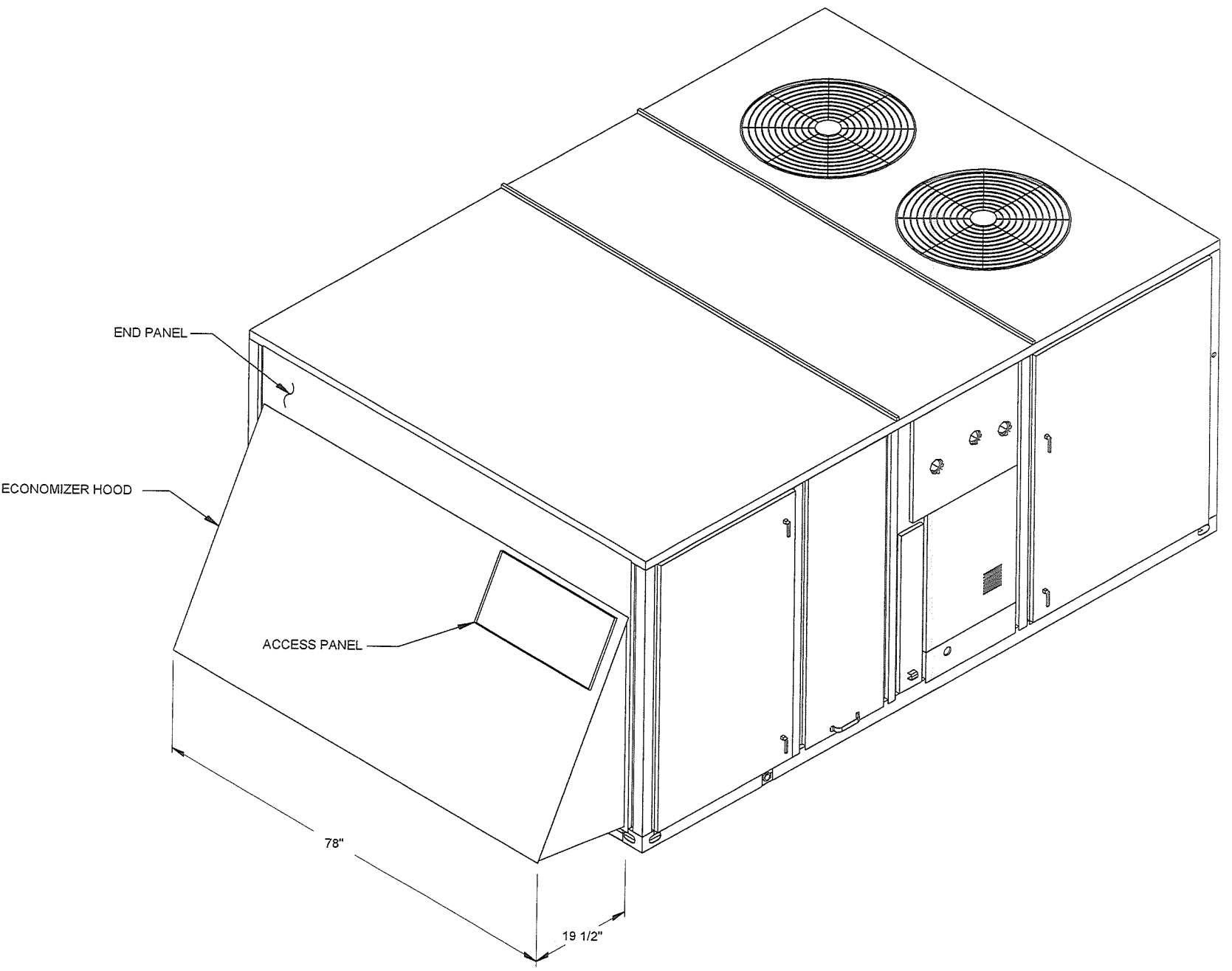
1. CORNER WEIGHTS ARE GIVEN FOR INFORMATION ONLY.
2. TO ESTIMATE SHIPPING WEIGHT OF OPTION/ACCESSORIES ADD 5 LBS TO NET WEIGHT.
3. NET WEIGHT OF OPTIONAL ACCESSORIES SHOULD BE ADD TO UNIT WEIGHT WHEN ORDERING FACTORY INSTALLED ACCESSORIES.
4. WEIGHTS FOR OPTIONS NOT LISTED ARE < 5 LBS.
5. WEIGHT ARE OF BASE UNIT ONLY. FOR TOTAL WEIGHT, 10 DIGIT FACTORY INSTALLED OPTION (ECONOMIZER AND/OR OVERSIZED MOTOR OR FIOP/ACCESSORY WEIGHT MUST BE ADDED.



RIGGING AND CENTER OF GRAVITY



ACCESSORY-HINGGING ACCESS DOORS



DOWNFLOW ACCESSORY-ECONOMIZER



# MOHLIN & COMPANY

CONSULTING ENGINEERS

September 16, 2011

Haley's Metal Shop, Inc.  
539 Elm Street  
Biddeford, ME 04005

Attention: Mr. Brian R. Haley, P.E., Chief Executive Officer

Subject: Bank of America, 39 Auburn Street, Portland, Maine

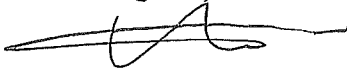
Dear Brian,

Mohlin & Company completed a field visit at the Bank of America building at 39 Auburn Street, Portland, Maine. The purpose of the visit was to obtain information on the existing roof framing supporting the roof top unit (RTU) near the front entrance of the building. The existing RTU is to be replaced with a new unit and the city of Portland is requiring a structural analysis to determine if the existing framing can safely support the weight of the new RTU.

We have determined that the existing timber framing can safely support the weight of the proposed RTU that will be installed as well as the code required roof snow loads.

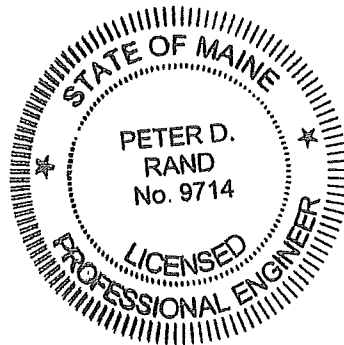
Please contact us if you have any questions. Thank you for the opportunity to provide this service to you.

Regards,



Peter D. Rand, P.E.  
Project Engineer

File: 11-226



# ELECTRICAL PERMIT

## City of Portland, Me.



*fx's ✓*

To the Chief Electrical Inspector, Portland Maine:  
 The undersigned hereby applies for a permit to make electrical installations  
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,  
 National Electrical Code and the following specifications:

Date 9/19/11  
 Permit # 2011 1647  
 CBL# 375-C-8

LOCATION: 39 Auburn St METER MAKE & # \_\_\_\_\_  
 CMP ACCOUNT # \_\_\_\_\_ OWNER BANK OF AMERICA  
 TENANT BANK OF AMERICA PHONE # \_\_\_\_\_

					TOTAL EACH FEE			
OUTLETS		Receptacles		Switches		Smoke Detector	.20	
FIXTURES		Incandescent		Fluorescent		Strips	.20	
SERVICES		Overhead		Underground		TTL AMPS <800	15.00	
		Overhead		Underground		>800	25.00	
Temporary Service		Overhead		Underground		TTL AMPS	25.00	
							25.00	
METERS		(number of)					1.00	
MOTORS		(number of)					2.00	
RESID/COM		Electric units					1.00	
HEATING		oil/gas units		Interior		Exterior	5.00	
APPLIANCES		Ranges		Cook Tops		Wall Ovens	2.00	
		Insta-Hot		Water heaters		Fans	2.00	
		Dryers		Disposals		Dishwasher	2.00	
		Compactors		Spa		Washing Machine	2.00	
		Others (denote)					2.00	
	MISC. (number of)		Air Cond/win					3.00
		<u>3</u>	Air Cond/cent				Pools	10.00
		HVAC		EMS		Thermostat	5.00	
		Signs					10.00	
		Alarms/res					5.00	
		Alarms/com					15.00	
		Heavy Duty(CRKT)					2.00	
		Circus/Carnv					25.00	
		Alterations					5.00	
		Fire Repairs					15.00	
		E Lights					1.00	
		E Generators					20.00	
PANELS		Service		Remote		Main	4.00	
TRANSFORMER		0-25 Kva					5.00	
		25-200 Kva					8.00	
		Over 200 Kva					10.00	
					TOTAL AMOUNT DUE			
MINIMUM FEE/COMMERCIAL 55.00					MINIMUM FEE 45.00			

CONTRACTORS NAME Arbe Plauder MASTER LIC. # MS 6000 9875  
 ADDRESS P.O. Box 1161 LIMITED LIC. # \_\_\_\_\_  
 TELEPHONE 985-9744

SIGNATURE OF CONTRACTOR

# ELECTRICAL PERMIT City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:  
The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the City of Portland Electrical Ordinance, National Electrical Code and the following specifications:

Date 10/10/08  
Permit # 20084755  
CBL# 375-C-18

LOCATION: 39 Auburn St. METER MAKE & # \_\_\_\_\_  
CMP ACCOUNT # \_\_\_\_\_ OWNER Bank of America  
TENANT \_\_\_\_\_ PHONE # 207-797-3450

**TOTAL EACH FEE**

OUTLETS	Receptacles	Switches	Smoke Detector	TOTAL EACH FEE
				.20
FIXTURES	Incandescent	Fluorescent	Strips	.20
SERVICES	Overhead	Underground	TTL AMPS <800	15.00
	Overhead	Underground	>800	25.00
Temporary Service	Overhead	Underground	TTL AMPS	25.00
				25.00
METERS	(number of)			1.00
MOTORS	(number of)			2.00
RESID/COM	Electric units			1.00
HEATING	oil/gas units	Interior	Exterior	5.00
				2.00
APPLIANCES	Ranges	Cook Tops	Wall Ovens	2.00
	Insta-Hot	Water heaters	Fans	2.00
	Dryers	Disposals	Dishwasher	2.00
	Compactors	Spa	Washing Machine	2.00
	Others (denote)			2.00
MISC. (number of)	Air Cond/win			3.00
	Air Cond/cent		Pools	10.00
	HVAC	EMS	Thermostat	5.00
	Signs			10.00
	Alarms/res			5.00
	✓ Alarms/com			15.00
	Heavy Duty(CRKT)			2.00
	Circus/Carnv			25.00
	Alterations			5.00
	Fire Repairs			15.00
E Lights			1.00	
E Generators			20.00	
PANELS	Service	Remote	Main	4.00
TRANSFORMER	0-25 Kva			5.00
	25-200 Kva			8.00
	Over 200 Kva			10.00
				TOTAL AMOUNT DUE
<u>082-4564-25</u>	MINIMUM FEE/COMMERCIAL 55.00		MINIMUM FEE 45.00	<u>55.</u>

RECEIVED  
OCT 15 2008  
RECEIVED VIA EMAIL

CONTRACTORS NAME ADT SECURITY SERVICES, II MASTER LIC. # 60017614  
ADDRESS 18 CLINTON DRIVE LIMITED LIC. # \_\_\_\_\_  
HOLLIS, NH 03049  
TELEPHONE 603 594 5928

SIGNATURE OF CONTRACTOR Debrao Lopez  
White Copy - Office • Yellow Copy - Applicant

# ELECTRICAL PERMIT

## City of Portland, Me.

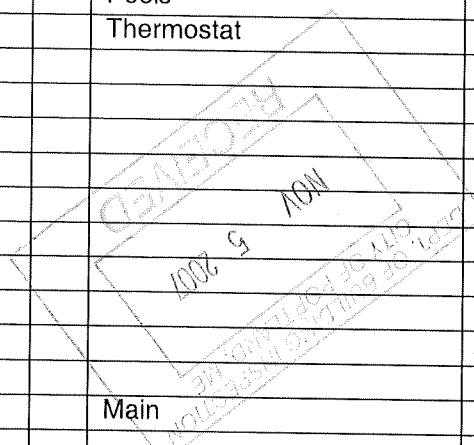


To the Chief Electrical Inspector, Portland Maine:  
 The undersigned hereby applies for a permit to make electrical installations  
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,  
 National Electrical Code and the following specifications:

Date 10-19-07  
 Permit # 2007 4843  
 CBL# 375 0018

LOCATION: 39 Auburn St. METER MAKE & # \_\_\_\_\_  
 CMP ACCOUNT # \_\_\_\_\_ OWNER \_\_\_\_\_  
 TENANT BANK OF AMERICA PHONE # \_\_\_\_\_

					TOTAL EACH FEE	
OUTLETS	Receptacles	Switches	Smoke Detector			.20
FIXTURES	Incandescent	Fluorescent	Strips			.20
SERVICES	Overhead	Underground	TTL AMPS <800			15.00
	Overhead	Underground	TTL AMPS >800			25.00
Temporary Service	Overhead	Underground	TTL AMPS			25.00
						25.00
METERS	(number of)					1.00
MOTORS	(number of)					2.00
RESID/COM	Electric units					1.00
HEATING	oil/gas units	Interior	Exterior			5.00
APPLIANCES	Ranges	Cook Tops	Wall Ovens			2.00
	Insta-Hot	Water heaters	Fans			2.00
	Dryers	Disposals	Dishwasher			2.00
	Compactors	Spa	Washing Machine			2.00
	Others (denote)					2.00
	MISC. (number of)	Air Cond/win				3.00
		Air Cond/cent		Pools		10.00
	HVAC	EMS	Thermostat		5.00	
	Signs				10.00	
	Alarms/res				5.00	
	Alarms/com				15.00	
	Heavy Duty(CRKT)				2.00	
	Circus/Carnv				25.00	
	Alterations				5.00	
	Fire Repairs				15.00	
	E Lights				1.00	
	E Generators				20.00	
PANELS	Service	Remote	Main			4.00
TRANSFORMER	0-25 Kva					5.00
	25-200 Kva					8.00
	Over 200 Kva					10.00
						TOTAL AMOUNT DUE
<u>082-4564-15</u>	MINIMUM FEE/COMMERCIAL <u>55.00</u>			MINIMUM FEE	45.00	<u>55.</u>



CONTRACTORS NAME ADT SECURITY SERVICES, INC MASTER LIC. # MC 60017614  
 ADDRESS 18 CLINTON DRIVE LIMITED LIC. # \_\_\_\_\_  
 TELEPHONE HOLLIS, NH 03049  
603 594 5928  
 SIGNATURE OF CONTRACTOR Barbara Royal ADT dep