

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that **A & M PARTNERS INC**

Located At **396 CONGRESS ST**

Job ID: **2012-10-5113-HVAC**

CBL: **032- G-001-001**

has permission to install Air Handler

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

Code Enforcement Officer / Plan Reviewer

10/19/2012

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

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: 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.**
- **FINAL INSPECTION REQUIRED**

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 OCCUPIED.



PORTLAND MAINE

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Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-10-5113-HVAC

Located At: 396 CONGRESS ST

CBL: 032- G-001-001

Conditions of Approval:

Fire

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

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-10-5113-HVAC	Date Applied: 10/2/2012	CBL: 032- G-001-001	
Location of Construction: 120 EXCHANGE STREET - 396 CONGRESS ST	Owner Name: A & M PARTNERS INC	Owner Address: 120 EXCHANGE ST PORTLAND, ME 04101	Phone:
Business Name:	Contractor Name: HVAC SERVICES INC.	Contractor Address: 73 BRADLEY DR., WESTBROOK, ME 04092	Phone: 854-4822
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: B-3
Past Use: 1 st floor post office & retail with offices above	Proposed Use: Same: 1 st floor post office & retail with offices above -to install an air handler	Cost of Work: \$69,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: <i>B/M</i> Type: <i>HVAC</i>
Proposed Project Description: Install Air Handler		Signature: <i>Capt. [unclear] 10/18/12</i> Pedestrian Activities District (P.A.D.)	
Permit Taken By: Gayle		Zoning Approval	

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>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.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>___ Maj ___ Min ___ MM</p> <p>Date: <i>OK - 10/4/12</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><i>- with -</i></p> <p><input type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p><i>any exterior work requires a separate and distinct review & approval</i></p> <p>Date:</p>
	CERTIFICATION		

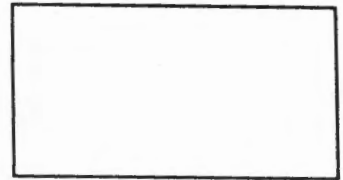
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



60 2012 10 513
B-3 032 6001

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 120 Exchange St. 396 Congress Use of Building _____ Date 9/26/12

Name and address of owner of appliance A&M Partners 120 Exchange St.

Installer's name and address HVAC Services Inc.
73 Bradley Drive Telephone 207 854 4822

Location of appliance:

Basement Floor
 Attic Roof

Type of Fuel: N/A

Gas Oil Solid

Appliance Name: AIR HANDLER

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: N/A

Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # _____
 Other _____

Type of Chimney: N/A

Masonry Lined
Factory built _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type _____ UL# _____

Type of Fuel Tank: N/A RECEIVED
 Oil
 Gas

OCT 02 2012

Size of Tank _____
Dept. of Building Inspections
City of Portland Maine

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 68,400

Permit Fee: \$ 710.00

Approved

Approved with Conditions

Fire: _____
Ele.: _____
Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer [Signature]

Configuration

Qty	Arrangement	Rotation	Discharge Position	Drive Type
1	10	CW	UB	Belt

Dimensional

Weight w/o Accessories (lb)	Weight with Accessories (lb)	Max. T Motor Frame Size
687	823	256

Performance Corrections

Airstream Temperature (F)	Elevation (ft)	Drive Loss (%)
70	0	4

Performance

Requested Volume (CFM)	Actual Volume (CFM)	Requested SP (in wg)	Actual SP (in wg)	OV (ft/min)	Fan RPM	Operating Power (hp)	Tip Speed (ft/min)	SE (%)
12,800	12,800	2	2	3,055	1,277	8.6	9,028	48.6

Installation

Inlet Conditions	Outlet Conditions
Standard	Standard

Motor

Motor Mounted	Size (hp)	V/C/P	Encl.	Motor RPM	Windings	NEC FLA* (Amps)
Yes	10 hp	460/60/3	ODP	1725	1	14

Sound Power by Octave Band

Sound Data	62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
Inlet	88	86	96	85	84	83	78	72	91	80	33
Outlet	98	93	98	90	88	84	80	73	94	82	40

Model: SWB-327-100

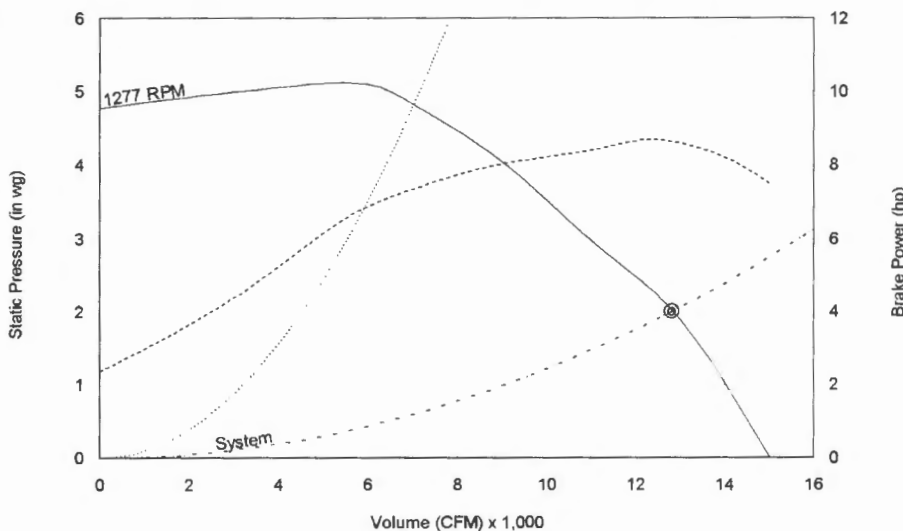
Backward Inclined Centrifugal Utility Fan

Standard Construction Features:

HOUSING: Steel housing with Lock-seam construction - Unit support angles with prepunched mounting holes - Adjustable motor plate - Corrosion resistant fasteners - Steel components are phosphatized and coated, Galvanized construction remains uncoated

Options & Accessories:

- NEMA Premium Efficient Motor - meets NEMA Table 12-12
- Motor VFD Rated
- Steel Scroll Housing
- Steel Wheel Construction
- Steel Inlet Cone
- UL/cUL 705 Listed - "Power Ventilators"
- Isolators, Rubber Mount
- Weatherhood
- Coated with Permatector, Gray (040), Standard Coating on Entire Fan
- Bolted Access Door
- Threaded Pipe Drain Connection,
- Inlet Flange
- Outlet Flange - Punched
- Extended Lubrication Lines
- Steel Shaft



——— RPM Curve
 - - - - System Curve
 Brake Power Curve
 Do not select to the left of this surge curve
 ⊗ Desired operating point
 ⊙ Actual operating point

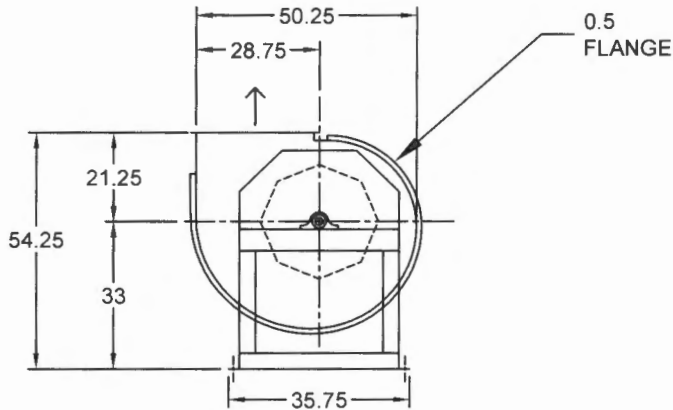


Notes:

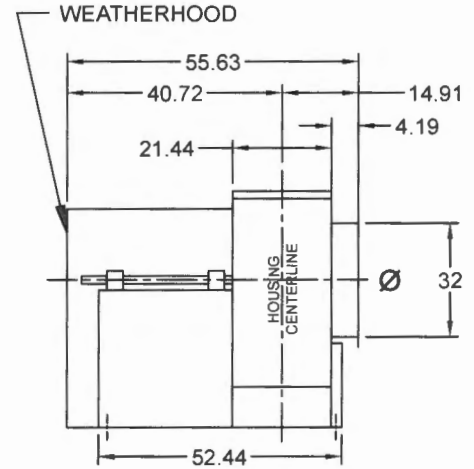
All dimensions shown are in units of in.
 *FLA - based on tables 150 or 148 of National Electrical Code 2002. Actual motor FLA may vary, for sizing thermal overload, consult factory.
 LwA - A weighted sound power level, based on ANSI S1.4
 dBA - A weighed sound pressure level, based on 11.5 dB attenuation per Octave band at 5.0 ft - dBA levels are not licensed by AMCA International
 Sones - calculated using AMCA 301 at 5.0 ft

SWB

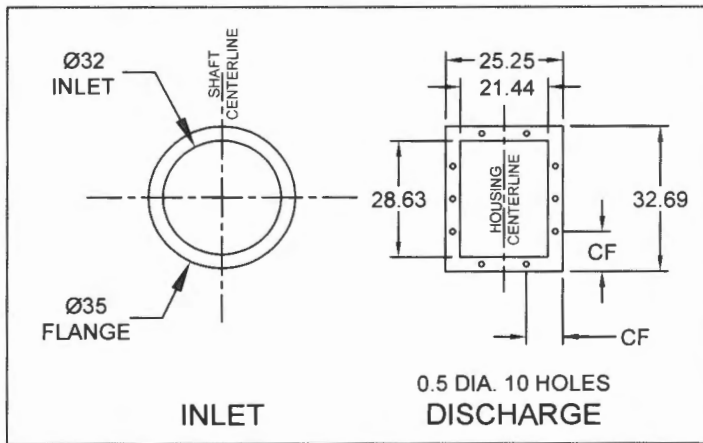
Backward Inclined Centrifugal Utility Fan



(DRIVE SIDE)
SIDE VIEW

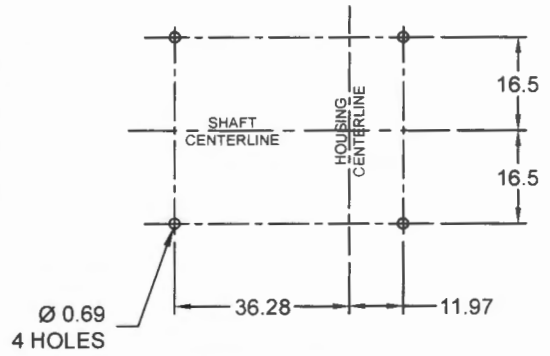


END VIEW



CONNECTIONS

*DISCHARGE POSITION CAN NOT BE MODIFIED IN FIELD
*NOT DRAWN TO SCALE



FOOTPRINT

Notes: All dimensions shown are in units of in



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Receipts Details:

Tender Information: Check , BusinessName: visa, Check Number: 3449
Tender Amount: 710.00

Receipt Header:

Cashier Id: gguertin
Receipt Date: 10/4/2012
Receipt Number: 48940

Receipt Details:

Referance ID:	8254	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	710.00	Charge Amount:	710.00
Job ID: Job ID: 2012-10-5113-HVAC - Install Air Handler			
Additional Comments: 120 Exchange St., 396 Congress			

Thank You for your Payment!