City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-03-627-HVAC	Date Applied: 3/22/2011		CBL: 383 A - 014 - 001		PERV3	130000
Location of Construction: 408 AUBURN ST	Owner Name: KENNETH E RUSSELL		Owner Address: 95 -92 PAIKAUHALE ST MILLANI, HI - HAWAII 96789		CAYOR	Phone:
Business Name:	Contractor Name: Charlie, Burnham		Contractor Address: PO Box 382 FREEPORT MAINE 04032			Phone:
Lessee/Buyer's Name:	Phone:	ne:		Permit Type: BLDG - HVAC		
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family – To replace heating		Cost of Work: 1,0000.00 Fire Dept:	Approved Denied N/A		CEO District: Inspection: Use Group: Type: Aance Cass
Proposed Project Descriptio 408 Auburn - HVAC	n:		Signature: Pedestrian Activ	ities District (P.A.D.)		Signature
Permit Taken By: Lannie	/////////////////////////////////////			Zoning Approva	1	
 This permit application Applicant(s) from meeti Federal Rules. Building Permits do not septic or electrial work. Building permits are vo within six (6) months of False informatin may in permit and stop all work 	ng applicable State and include plumbing, id if work is not started the date of issuance. validate a building	Shorelan Wetlands Flood Zo Subdivis Site Plan Maj Date: OK CMAW	s one ion	Zoning Appeal Variance Miscellaneous Conditional Use Interpretation Approved Denied Date:		t or Landmark Require Review Review

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 application 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

APPLICATION	
To the INSPECTOR OF BUILDINGS, PORTLAND, ME. The undersigned hereby applies for a permit to insta accordance with the Laws of Maine, the Building Code of the Location / CBL <u>383.A - 14</u> Name and address of owner of appliance <u>Robert</u>	
Installer's name and address <u>Charlie Barnhan</u> <u>Po Box 302 Freeport 040</u>	132 Telephone 865 9010
Location of appliance: Basement I Floor Attic I Roof	Type of Chimney: Masonry Lined Factory built
Type of Fuel:	Metal Factory Built U.L. Listing #
Appliance Name: U.L. Approved X Yes D No	Direct Vent Type UL#
Will appliance be installed in accordance with the manufacture's installation instructions? XY Yes INO	Type of Fuel Tank Oil Gas
IF <u>NO</u> Explain:	Size of Tank 275
Image: Master Plumber # Image: Master Plumber # Image: Master Plumber # Image: Master Plumber # Image: Solid Fuel # Image: Solid Fuel # Image: Oil #	Number of Tanks Distance from Tank to Center of Flame feet. Cost of Work: $S_{13}00.005$ Permit Fee: S_{120}
<u>Approved</u> Fire: Ele.:	Approved with Conditions See attached letter or requirement
Bldg.: A Signature of Installer Month defined to the second secon	Inspector's Signature Date Approved Pink - Applicant's Gold - Assessor's Copy
	2.



FRONTIER BOILER Instructions, Service Version Oilheat Edition

LOCATION and CLEARANCE

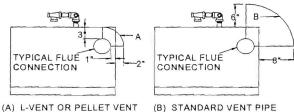
DANGER: Provide clearance to combustible surfaces in accordance with all local and national codes. Follow National Fire Protection Association Bulletin NFPA Installation of Oil Burning Equipment and all applicable codes.

Installation Clearances from Boiler Surfaces	Clearance to Combustibles	Clearance for Service
FRONT	15-1/2"	20"
LEFT SIDE	0"	0"
RIGHT SIDE	0"	0"
BACK	4"	4"
TOP	16"	16"
BOTTOM OF LEGS	0"	16"*
FLUE CONNECTION (see Figure 1A)	(A) 3" L-Vent	(A) 3" L-Vent
	(B) 9" Std.Flue	(B) 9" Std.Flue

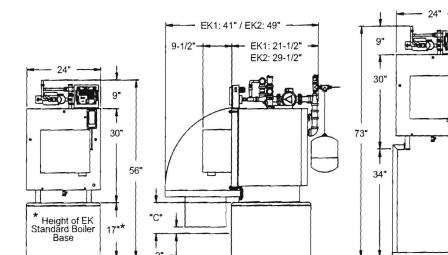
*Minimum recommended clearance to allow the door to fully open.

Figure 1A. Top View of Boiler -

Flue Connection Clearance to Combustibles



Boiler Weig	ht and Water	r Content
Model	EK-1 Frontier	EK-2 Frontier
Weight	270 lbs	350 lbs
Water Content	2-1/2 gallons	4 gallons
Air Inlet Pipe Size	2 "	3 "
Boiler Flue Outlet	4 "	6 "



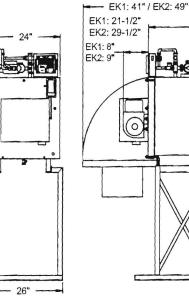


Figure 1B - Boiler Clearance for Cleaning and Service

	"E	33	Open Door
Burner	W/o Airbox	W/Airbox	Leg Bottom to Floor Clearance "C"
Beckett AFG	8"	9-1/2"	12"
Carlin 99FRD	9"	9-1/2"	12"
Riello 40F5	13"	N/A	15"

A Concept

Products



B-2 Gas Heat Install C Venting

Diagnostics D

E Digital Manager

G Wining-General

80

K Maintenance

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Job Type:		HVAC		Job Descripti	on:	408 Auburn	Job Year:	20)11
Building Job	ilding Job Status Code: Initiate Plan Review		view	Pin Value:	1	9 20	Tenant Na	me:	
Job Applicati	ion Date:			Public Buildir	ng Flag:	N	Tenant Number:		
Estimated Va	alue:	10		Square Foota	ge:				
Related Part	ies:			KENNETH RUS	SELL		Pro	operty Owner	
				Charlie Burnha	am Heating	- Burnham C	harlie ML	ECHANICAL COM	ITRACTOR
				Job C	harges				
Fee Code Description	Charge Amount	Permit Charge Adjustment	Net Charge Amount	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Net Payment Amount	Outstanding Balance
Location ID:	39570								
				Locatio	n Details				
Alternate Id	Parcel Number	Census Tract GIS	X GIS Y GIS	Z GIS Reference	Longitude	Latitude			
R36120	383 A 014 001	М			-70.292339	43.714005			

R36120 383 A	014 001	М		-7	0.292339 43.71400	15		
			Location Type	Subdivision Code S	ubdivision Sub Co	de Related Persons	Address(es)	
		-	1			4	08 AUBURN STREET WEST	
Location Use Code	Variance Code	Use Zone Code	Fire Zone Cod	e Inside Outside Co	de District Code	General Location Code	Inspection Area Code	Jurisdiction Code
SINGLE FAMILY		NOT APPLICABLE	1				DISTRICT 8	NORTH DEERING
		T P	Th	Structure	Details			
Structure: Single	Family Hon	ne 👇						
Occupancy Type C	ode:		9					
Structure Type Code	e Structure St	atus Type Squa	re Footage Est	imated Value	Address			
Single Family	0			408 A	UBURN STREET WE	ST		
Longitude Latitude	GISX GIS	GISZ GISRe	ference			User Defined P	roperty Value	

Permit #: 20112056

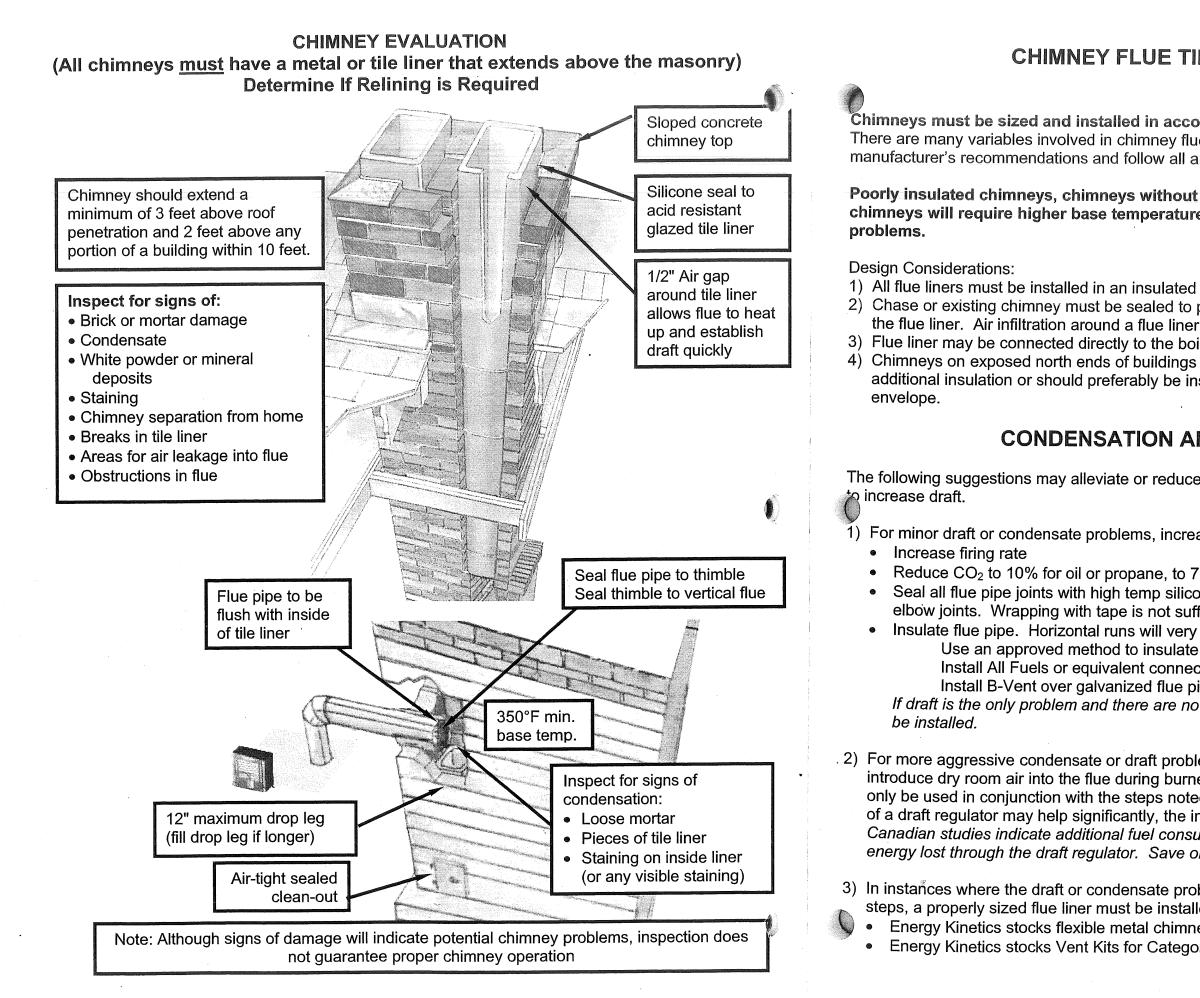
Permit Data								
Location Id	Structure Description	Permit Status	Permit Description	Issue Date	Reissue Date	Expiration Date		
39570	Single Family Home	Initialized	Install System 2000 in Basement					
				-			tu	Ane
			Anni	l			No	G

Job Summary Report Job ID: 2011-03-627-HVAC

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			Inspec	tion Detai	Is			
Inspection Id	Inspection Type	Inspection Result Status	Inspection Status Date	Scheduled S	Start Timestamp	Result Status	Date Final Inspection Flag	-
			Fee	s Details	<u>.</u>			
Fee Code Description	Charge Amount	Permit Charge Adjustment	Permit Charge Adj Remark	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Payment Ad Comment



LE LINER SIZING	Products
ordance with NFPA 211 or NFPA 54. The sizing and installation. Follow the applicable national and local codes.	A Concept
an air gap around the tile liner and very tall es and may exhibit draft or condensation	B-1 Oil Heat Install
chase. prevent cold infiltration air from surrounding will cause condensation. iler flue collar.	B-2 Gas Heat Install
or in extremely cold climates may require stalled in a chase enclosed within the building	C
ND POOR DRAFT	
e the potential for condensation and can help	Diagnostics
ase temperature at chimney base:	Digita
7.5% for natural gas. One sealant from boiler to thimble including ficient.	E Digital Manager
significantly reduce stack temperature. the flue pipe: ctor. ipe as an additional insulator.	- F Classic Manager
e signs of condensation, a draft inducer may ems, the installation of a draft regulator will er operation and in the off cycle. This should	G Wiring-General
ed in item #1 above. Although the installation installation of a flue liner is preferable. Imption of up to 8% to 14% per year in on fuel costs by installing a liner.	H System Piping
blems cannot be resolved using the above led. ey liners for Category I oil or gas installations. ory III gas installations.	J Dom. Piping &
C-2	Maintenance