

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-1174	Issue Date:	CBL: 146 A001001
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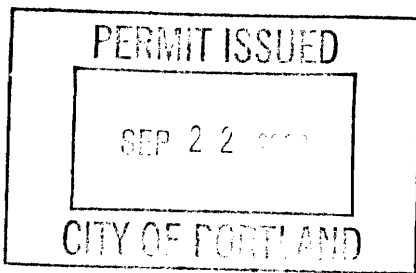
Location of Construction: 703 STEVENS AVE	Owner Name: TUFANKJIAN HAIG N & KATHE	Owner Address: 703 STEVENS AVE	Phone: 207-892-5683
Business Name:	Contractor Name: The Steinert Co., Inc.	Contractor Address: PO Box 1912 Windham	Phone: 2078925683
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-5

Past Use: Single Family Home	Proposed Use: Single Family Home - Install Viessmann - Jitola 200 Basement Gas Burner	Permit Fee: \$160.00	Cost of Work: \$14,000.00	CEO District: 4	10,075 th
Proposed Project Description: Install Viessmann - Jitola 200 Basement Gas Burner		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: R-3 Type: HVAC <i>State Gas Reg's</i>		
		Signature: _____		Signature: _____	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)			
		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied			
		Signature: _____		Date: _____	

Permit Taken By: lmd	Date Applied For: 09/17/2008	Zoning Approval		
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM. <input type="checkbox"/>	<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	<input checked="" type="checkbox"/> Not in District 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>with conditions</i> 9/17/08	Date: _____	Date: _____



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 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	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

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Proposed Use: Single Family Home - Install Viessmann - Jitola 200 Basement Gas Burner	Proposed Project Description: Install Viessmann - Jitola 200 Basement Gas Burner
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Dept: Zoning	Status: Approved with Conditions	Reviewer: Marge Schmuckal	Approval Date: 09/17/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.			
2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
Dept: Building	Status: Approved with Conditions	Reviewer: Tammy Munson	Approval Date: 09/19/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) The installation must comply with the State of Maine Gas Regulations.			



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



146A-001

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 _____ Use of Building Residential Date 9/29/08
 Name and address of owner of appliance Mr. Haig Tufankjian
707 Stevens Ave. Portland
 Installer's name and address The Steinert Co. Inc. ← mail to
P.O. Box 1912 Windham Me. 04062 Telephone 892-5683

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid Fuel 17 2008

Appliance Name: Viessmann - Vitola 200

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 # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____

- Metal
Factory Built U.L. Listing # "L" Chimney

- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 14,000.00

Permit Fee: \$ _____

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

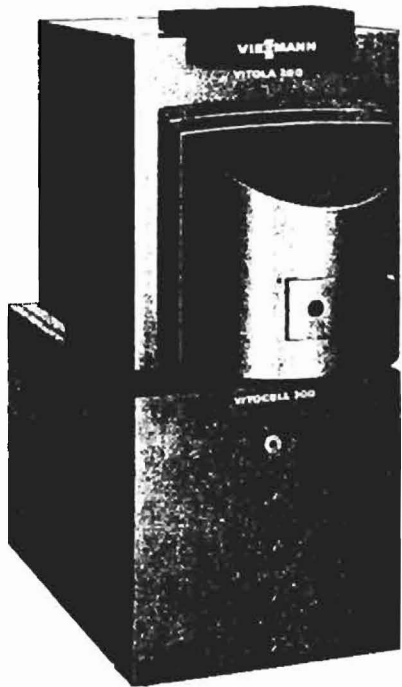
Inspector's Signature _____

Date Approved _____

Signature of Installer _____

Technical Data Manual

Model Nos. and pricing: see Price List



Vitola 200 with Vitoflame Burner and Vitocell-H 300 domestic hot water tank

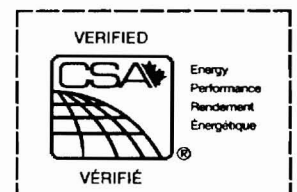


Vitola 200 with Vitoflame Burner, boiler stand and Vitocell-V 300 domestic hot water tank

Vitola 200

VB2 Series

Oil-/Gas-Fired Boiler
for hydronic heating systems
with modulating boiler water temperatures
without low limit
with biferral heating surfaces of cast iron/steel
Heating input: 83 to 300 MBH
24 to 88 kW



Technical Data

Technical data

Boiler Model		Model No.	VB2-18	VB2-22	VB2-33	VB2-40	VB2-50	VB2-63
CSA gas rating^{*1}	input	MBH	90	116	146	185	238	300
		kW	26	34	42	54	69	88
	output	MBH	75	97	122	154	198	249
		kW	22	28	35	45	57	73
CSA oil rating	input	MBH	83	107	135	170	219	300
		kW	24	31	39	50	64	88
	output	MBH	72	92	116	146	189	258
		kW	21	27	34	43	55	76
Net I = B = R rating^{*2}	for gas	MBH	65	84	106	134	172	217
		kW	19	25	31	39	50	64
	for oil	MBH	63	80	101	127	164	224
		kW	18	23	30	37	48	66
A.F.U.E.^{*3}	for NG	%	84.5	84.0	84.0	84.0	83.9	83.9
	for LP	%	86.0	85.8	85.8	85.8	85.7	85.7
	for oil	%	87.1	87.2	87.2	87.3	87.4	87.1
Dimensions								
Length	inches		23¼	25¼	32¼	32¼	37¼	42
	mm		589	655	817	817	956	1070
Width	inches		21¼	22¼	23¼	26½	27¼	27¼
	mm		537	565	599	674	702	702
Height	inches		27¼	28½	29¼	32¼	33½	33½
	mm		706	726	743	819	853	853
Overall dimensions^{*4}								
Total length	inches		43¼	46¼	52¼	53¼	58½	63
	mm		1112	1178	1340	1350	1489	1603
Total width	inches		25¼	26¼	27½	30¼	30¼	30¼
	mm		639	667	701	776	776	776
Total height (operation)	inches		32¼	33½	34	37	38½	38½
	mm		830	850	865	940	975	975
- Height 1 ^{*5} (control unit in position for operation)	inches		37	37¼	38¼	41¼	42¼	42¼
	mm		940	960	975	1050	1085	1085
- Height 2 ^{*5} (control unit in position for servicing)	inches		45¼	46½	47	50	51½	51½
	mm		1160	1180	1195	1270	1305	1305
Height of boiler stand	inches		9¼	9¼	9¼	9¼	9¼	9¼
	mm		250	250	250	250	250	250
Height of Vitocell-H under boiler - 42 to 53 USG / 160 to 200 ltr	inches		26	26	26	26	-	-
	mm		658	658	658	658	-	-
- 92 USG / 350 ltr	inches		-	-	31	31	31	31
	mm		-	-	790	790	790	790
- 120 USG / 450 ltr	inches		-	-	-	37¼	37¼	37¼
	mm		-	-	-	947	947	947
Weight boiler: shell	lbs		287	335	430	573	739	809
	kg		130	152	195	260	335	367
Total weight (boiler with insulation, burner and boiler control)	lbs		381	434	542	697	866	941
	kg		173	197	246	316	393	427
Boiler water content	USG		18.5	23.2	31.2	37.0	52.6	59
	ltr		70	88	118	140	199	223
Max. operating pressure	psig		30	30	30	30	30	30
Boiler water connections								
Supply and return	inches		1½	1½	1½	1½	1½	1½
Safety supply (Safety Header)	inches		1	1	1	1	1	1
Safety return, drain valve	inches		1	1	1	1	1½	1½

^{*1}Propane burners have same input/output as natural gas burners.

^{*2}Net I = B = R rating based on piping and pick-up allowance of 1.15.

^{*3}Annual Fuel Utilization Efficiency with optional stack damper.

^{*4}Overall dimensions with Viessmann Vitoflame 100 Burner installed.

^{*5}See page 6.