

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 10-1161	Issue Date:	CBL: 062 F002001
-----------------------	-------------	---------------------

Location of Construction: 25 THOMAS ST	Owner Name: HORR MARIANNA VALLS	Owner Address: 25 THOMAS ST	Phone:
---	------------------------------------	--------------------------------	--------

Business Name:	Contractor Name: Steve Caiazza Plumbing & Heating	Contractor Address: 17 Burnham Road Scarborough	Phone: 2078312773
----------------	--	--	----------------------

Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-6
---------------------	--------	----------------------	--------------

Past Use: Single Family Home	Proposed Use: Single Family Home - install a Rinnai Q175	Permit Fee: \$110.00	Cost of Work: \$8,100.00	CEO District: 2
---------------------------------	---	-------------------------	-----------------------------	--------------------

FIRE DEPT: N/A <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: None state Ges code
Signature:	Signature:

Proposed Project Description:
install a Rinnai Q175

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Idobson	Date Applied For: 09/16/2010	Zoning Approval	
-----------------------------	---------------------------------	------------------------	--

- 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

Shoreland
 Wetland
 Flood Zone
 Subdivision
 Site Plan

Maj Minor MM

Date: 9/22/10

Zoning Appeal

Variance
 Miscellaneous
 Conditional Use
 Interpretation
 Approved
 Denied

Date: _____

Historic Preservation

Not in District or Landmark
 Does Not Require Review
 Requires Review
 Approved
 Approved w/Conditions
 Denied

Date: requires a separate review & approval

PERMIT ISSUED

SEP 22 2010

City of Portland

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

1948 FEB 10 10 10 AM '48
1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948 FEB 10 10 10 AM '48

1948

1948

City of Portland, Maine - Building or Use Permit

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

Permit No: 10-1161	Date Applied For: 09/16/2010	CBL: 062 F002001
-----------------------	---------------------------------	---------------------

Location of Construction: 25 THOMAS ST	Owner Name: HARR MARIANNA VALLS	Owner Address: 25 THOMAS ST	Phone:
Business Name:	Contractor Name: Steve Caiazzo Plumbing & Heating	Contractor Address: 17 Burnham Road Scarborough	Phone (207) 831-2773
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - install a Rinnai Q175	Proposed Project Description: install a Rinnai Q175
---	--

Dept: Zoning	Status: Approved with Conditions	Reviewer: Marge Schmuckal	Approval Date: 09/22/2010
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals. 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval. 3) 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: Jonathan Rioux	Approval Date: 10/12/2010
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) The installation must comply with the State of Maine Gas Regulations. 2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.			

PERMIT ISSUED

SEP 22 2010

City of Portland



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

PERMIT ISSUED

SEP 22 2010

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

City of Portland
62-7-2-

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 25 Thomas Street Use of Building Residential Date 9/16/10

Name and address of owner of appliance Street 25 Thomas Street
Portland ME 04074

Installer's name and address Steve Carazo Plumbing Inc
17 Burnham Rd Scarborough, ME 04074 Telephone (207) 885 5884

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Rinnai Q175

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 1435
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # _____

Direct Vent
Type Manufactures Chimney

Type of Fuel Tank

- Oil
- Gas

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: \$18,100

Permit Fee: \$ 110

RECEIVED

SEP 16 2010

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

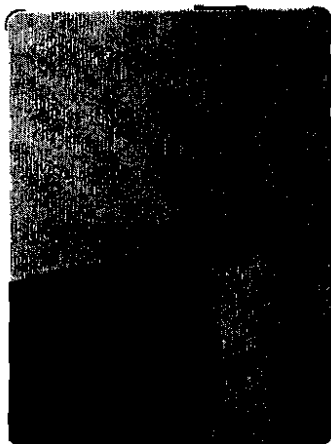
Signature of Installer

[Handwritten signatures]

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

Installation & Servicing Instructions

High efficiency condensing gas boiler Q85SN/Q130SN/Q175SN/Q205SN/Q175CN Q85SP/Q130SP/Q175SP/Q205SP/Q175CP



Pictured: Q85SN, Q130SN
Q85SP, Q130SP

CAUTION!

Read this manual thoroughly before installing, servicing, putting into operation or using this boiler and vent system.

WARNING!

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury (exposure of hazardous materials)* or loss of life. Refer to the user's information manual provided with this boiler. Installation and service must be performed by a qualified installer, service agency or the gas supplier (who must read and follow the supplied instructions before installing, servicing, or removing this boiler).

CAUTION!

The user manual is part of the documentation that is delivered to the installation's operator. Go through the information in this manual with the owner/operator and make sure that he or she is familiar with all necessary operating instructions.

NOTICE!

Installation and service must be performed by a qualified installer, service technician or the gas supplier.

In the Commonwealth of Massachusetts this boiler must be installed by a licensed Plumber or Gas Fitter.



WARNING!

If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

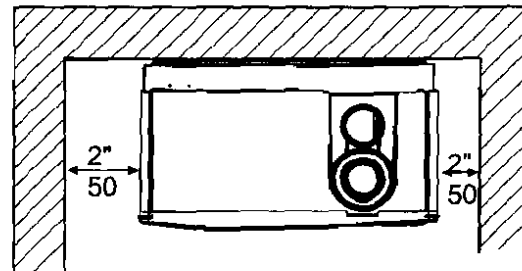
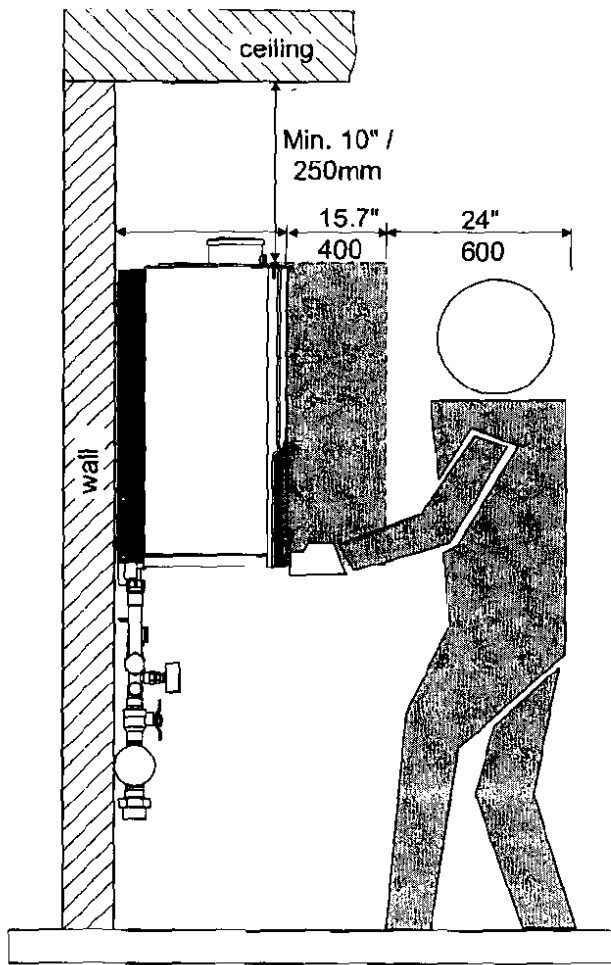
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do NOT try to light any appliance.
 - Do NOT touch any electrical switch.
 - Do NOT use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.

Rinnai®

EXPERIENCE OUR INNOVATION™

Address: 103 International Drive, Peachtree City, GA, 30269
Toll-free: 1-800-621-9419 • Fax: 678-829-1666 • www.rinnai.us





service clearances to the boiler

figure 5

	Minimum required clearances to combustibles	Minimum required clearances to non-combustibles	Recommended service clearances
	All types inch / mm	All types inch / mm	All types inch / mm
Top of boiler	2" / 50	2" / 50	10" / 250
Back of boiler	0"	0"	0
Front of boiler	6" / 150	6" / 150	24" / 600
Left side of boiler	2" / 50	2" / 50	2" / 50
Right side of boiler	2" / 50	2" / 50	2" / 50
Floor / Ground	12" / 300	12" / 300	30" / 762
Vent	0"	0"	0"

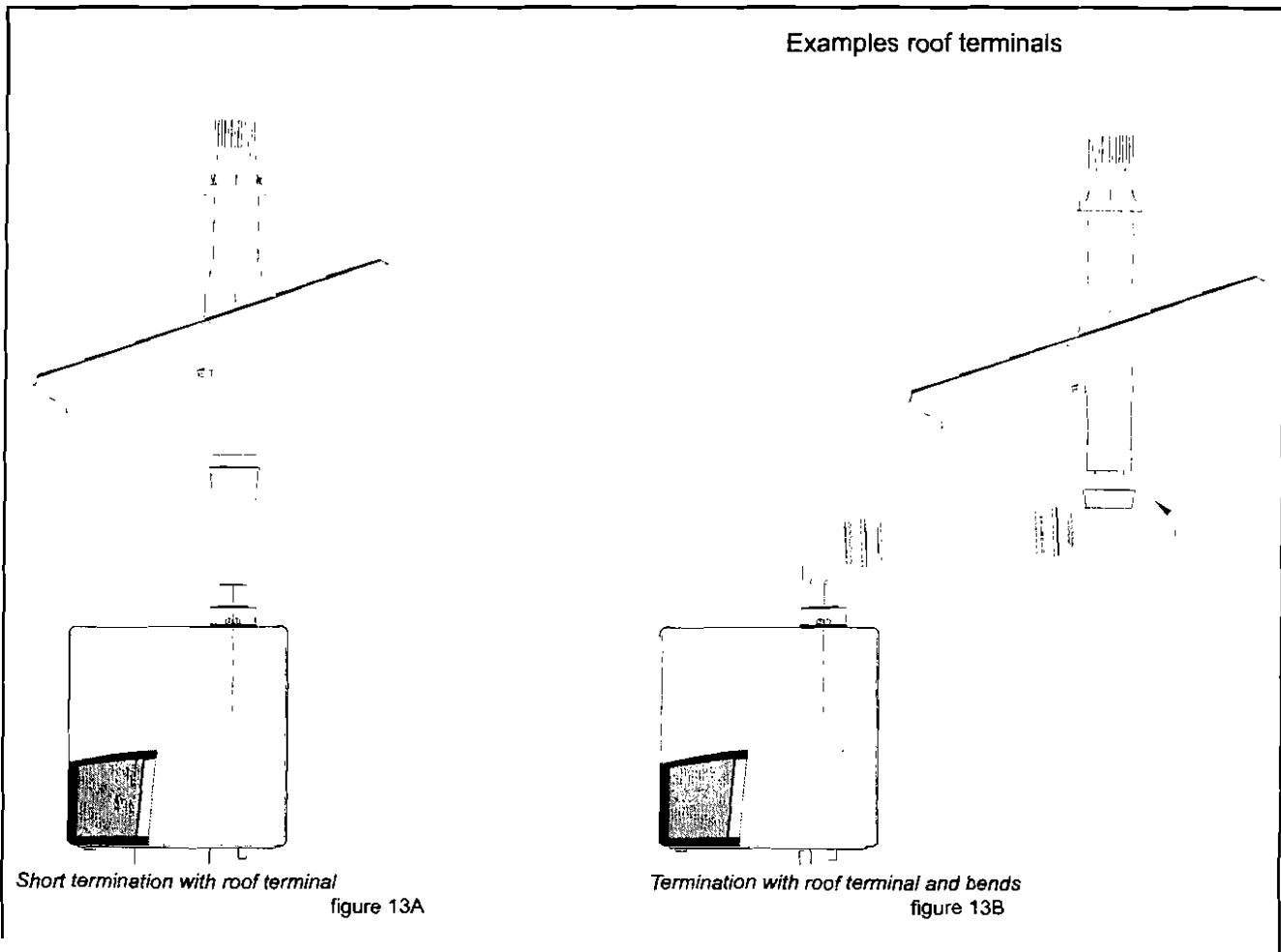
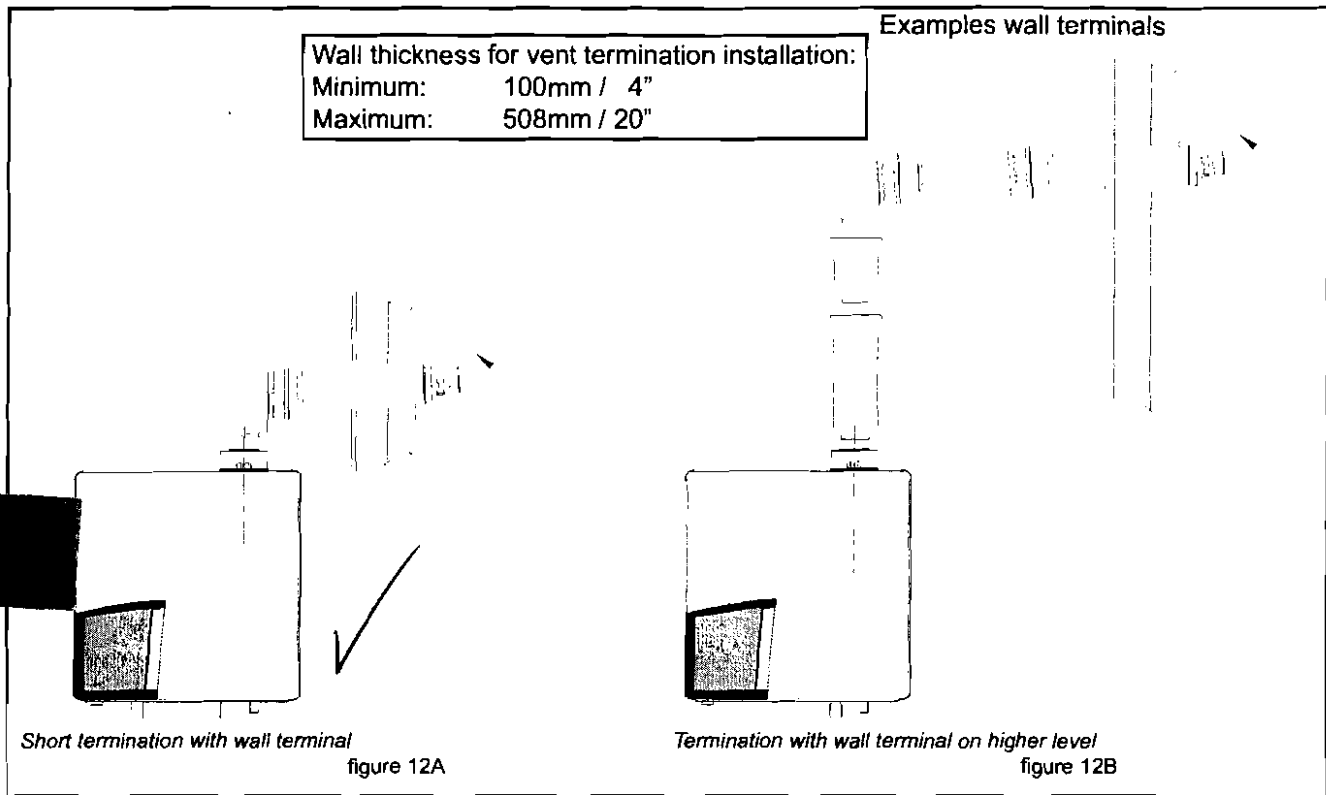
clearances to the boiler

table 3

For closet installation: clearance is 1" / 25mm from the front.

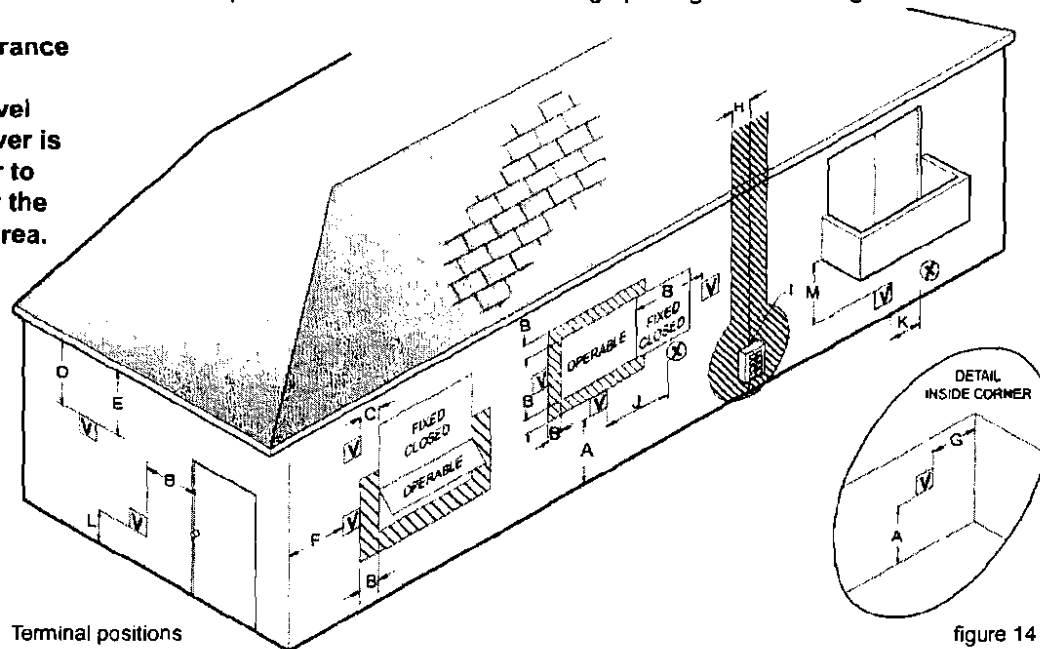
Low Loss Header

Clearances to combustible and non-combustible is 0 inch for sides, top, front and floor/ground



Terminals should be positioned as to avoid products of combustion entering openings into buildings or other vents.

Maintain 12" of clearance above the highest anticipated snow level or grade or, whichever is greater. Please refer to your local codes for the snow level in your area.



Terminal positions

figure 14

Ref	Description	Canadian Installations - Direct Vent and non Direct Vent	US Installations Direct Vent	US Installations non Direct Vent
A	Clearance above grade, veranda, porch, deck, or balcony	12 inches (30 cm)	12 inches (30 cm)	12 inches (30 cm)
B	Clearance to window or door that may be opened	6 inches (15 cm) for appliances ≤ 10,000 Btuh (3 kW), 12 inches (30 cm) for appliances > 10,000 Btuh (3 kW) and ≤ 100,000 Btuh (30 kW), 36 inches (91 cm) for appliances > 100,000 Btuh (30 kW)	6 inches (15 cm) for appliances ≤ 10,000 Btuh (3 kW), 9 inches (30 cm) for appliances > 10,000 Btuh (3 kW) and ≤ 50,000 Btuh (30 kW), 12 inches (91 cm) for appliances > 50,000 Btuh (30 kW)	4 feet (1.2 m) below or to side of opening; 1 foot (300 mm) above opening
C	Clearance to permanently closed window	*	*	*
D	Vertical clearance to ventilated soffit, located above the terminal within a horizontal distance of 2 feet (61 cm) from the center line of the terminal	*	*	*
E	Clearance to unventilated soffit	*	*	*
F	Clearance to outside corner	*	*	*
G	Clearance to inside corner	*	*	*
H	Clearance to each side of center line extended above meter/regulator assembly	3 feet (91 cm) within a height 15 feet (4.5 m) above the meter/regulator assembly	*	*
I	Clearance to service regulator vent outlet	36 inches (91 cm)	*	*
J	Clearance to nonmechanical air supply inlet to building or the combustion air inlet to any other appliance	6 inches (15 cm) for appliances ≤ 10,000 Btuh (3 kW), 12 inches (30 cm) for appliances > 10,000 Btuh (3 kW) and ≤ 100,000 Btuh (30 kW), 36 inches (91 cm) for appliances > 100,000 Btuh (30 kW)	6 inches (15 cm) for appliances ≤ 10,000 Btuh (3 kW), 9 inches (30 cm) for appliances > 10,000 Btuh (3 kW) and ≤ 50,000 Btuh (30 kW), 12 inches (91 cm) for appliances > 50,000 Btuh (30 kW)	4 feet (1.2 m) below or to side of opening; 1 foot (300 mm) above opening
K	Clearance to a mechanical air supply inlet	6 feet (1.83 m)	3 feet (91 cm) above if within 10 feet (3 m) horizontally	3 feet (91 cm) above if within 10 feet (3 m) horizontally
L	Clearance above paved sidewalk or paved driveway located on public property	7 feet (2.13 m) [1]	*	7 feet (2.13 m)
M	Clearance under veranda, porch, deck, or balcony	12 inches (30 cm) [2]	*	*

[1] A vent shall not terminate directly above a sidewalk or paved driveway that is located between two single family dwellings and serves both dwellings.

[2] Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.

* For clearances not specified in ANSI Z223.1/NFPA 54 or CSA B149.1, clearances are in accordance with local installation codes and the requirements of the gas supplier.