

City of Portland, Maine - Building or Use Permit Application

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

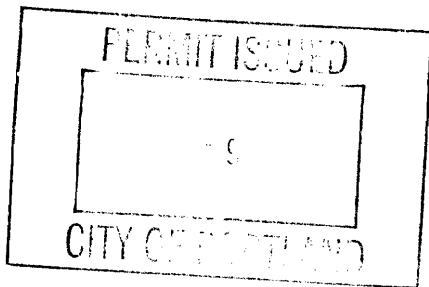
Permit No: 08-0825	Issue Date: 7/9/08	CBL: 439 D022001
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Location of Construction: 39 CHESLEY AVE	Owner Name: BAILEY DAVID G	Owner Address: 39 CHESLEY AVE	Phone: 207-797-6634
Business Name:	Contractor Name: John Shaw	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone:

Past Use: Single Family Home	Proposed Use: Single Family Home - Install Regency Classic Woodburning Stove	Permit Fee: \$50.00	Cost of Work: \$3,000.00	CEO District: 4
Proposed Project Description: Install Regency Classic Woodburning Stove		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-3 Type 5B FMC-2003 NFPA-211 Signature: [Signature] 7/9/08	
		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: 07/08/2008	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 <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"/> Date: 7/9 CSK	Zoning Appeal <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: _____	Historic Preservation <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: 7/9/08 CSK
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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

8-22-08 OK - Meet all manufactures spec. by E by



FILL IN AND SIGN WITH INK

Mail to 39 Chesley

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 _____ Use of Building Home Date X

Name and address of owner of appliance Bailey, David 39 Chesley Ave
Portland Me 04103

Installer's name and address JOHN SHAW, 712 8TH STREET, PORTLAND ME 04103
 Telephone X 207-797-6634

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Regency classic F2400

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: X

- Master Plumber # 98719004
- Solid Fuel # 157164 NFI
- Oil # _____
- Gas # PNT 2548
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # X ul 103
- 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: \$ 3500

Permit Fee: \$ _____

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Signature of Installer John Shaw

[Signature]
 Inspector's Signature

[Signature]
 Date Approved

City of Portland, Maine - Building or Use Permit

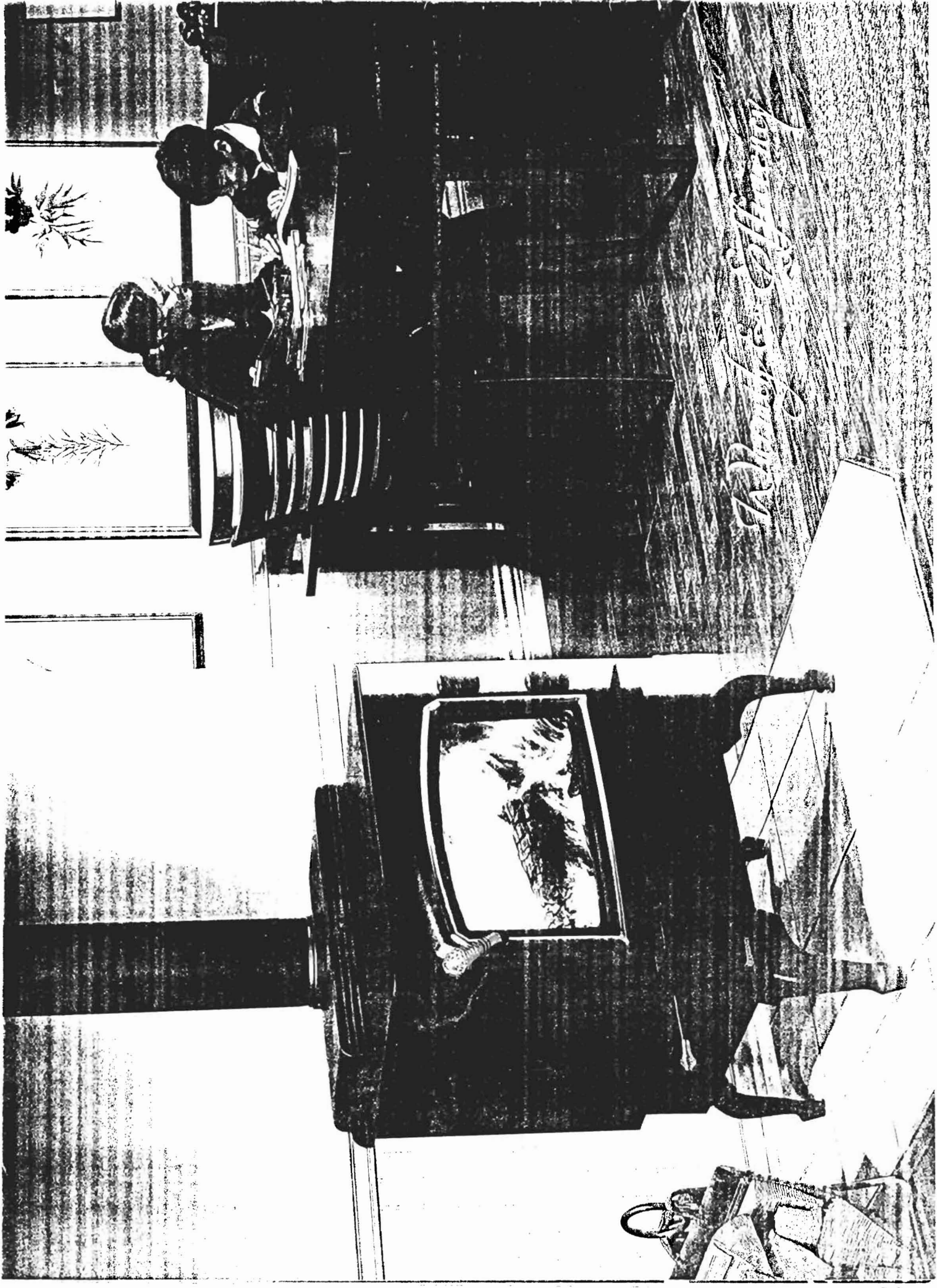
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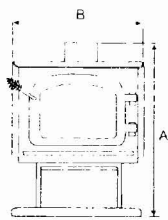
Proposed Use: Single Family Home - Install Regency Classic Woodburning Stove	Proposed Project Description: Install Regency Classic Woodburning Stove
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Dept: Zoning	Status: Approved	Reviewer: Chris Hanson	Approval Date: 07/09/2008
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
Dept: Building	Status: Approved with Conditions	Reviewer: Chris Hanson	Approval Date: 07/09/2008
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) The appliance shall be installed in accordance with the IMC 2003 and NFPA 211 2) The heating appliance/stove shall be installed, maintained and operated in accordance with the terms of the listing. 3) Prior to installing the solid fuel appliance, the product information which includes the UL listing shall be submitted. The heating unit shall be installed per the Listing, NFPA 211, IMC 2003 and the manufacturers instructions. 4) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules			

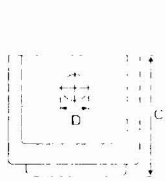


Specifications - Stoves

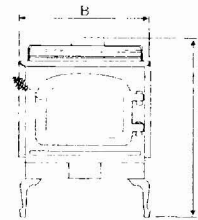
FRONT WITH PEDESTAL



TOP



FRONT WITH LEGS



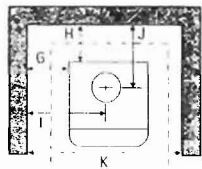
Small F1100	30-1/4"	24"	20"	6"	31-3/4"
Medium F2400	32-1/16"	24"	27-3/8"	6"	33-1/2"
Large F3100	33-5/16"	28"	25-1/4"	6"	34-3/4"
Medium S2400	34-3/8"	24"	27-3/8"	6"	35-7/8"

** Measured to top of flue collar for height

*** Including Ash Lip

Class Stove	F1100 Small Stove	F2400 Medium Stove	F3100 Large Stove	S2400 Medium Stove
Maximum BTU*	55,000	75,000	80,000	75,000
Typical Sq. Ft. Heated	600-1200	1000-2200	2000-3500	1000-2200
Optimum Efficiency	73.8%	77%	71%	77%
Maximum Log Size	18"	18"	21"	18"
Burn Time (Typical)*	up to 8 hrs	up to 8 hrs	up to 10 hrs	up to 8 hrs
Emissions (grams/hr)	3.0g	3.4g	4.2g	3.4g
Firebox Size	1.4 cu. ft.	2.3 cu. ft.	2.9 cu. ft.	2.3 cu. ft.
Flue Size	6"	6"	6"	6"

* Length of burn time and BTU range depend on type of wood, climate conditions and installation.

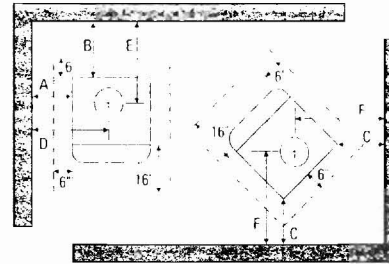


Minimum Alcove Clearance to Combustible Materials

The Regency™ Freestanding models have been alcove approved and must be installed with a listed double wall connector to the ceiling level.

Note: Minimum alcove ceiling height - 84 in. / Maximum depth of alcove - 36 in.

		FROM UNIT		FROM REAR DEFLECTOR		MIN. WIDTH
		G	H	I	J	
Small F1100	with AirMate	11"	7"	23"	13.5"	46"
	with Rear Deflector	13"	5"	25"	11.5"	50"
Medium S2400	with Step Top	15"	5.5"	27"	12"	54"
	with AirMate	15"	5.5"	27"	12"	54"
Medium F2400	with Rear Deflector	15"	6.5"	27"	13"	54"
	with AirMate	16"	9.5"	30"	16"	60"
not approved for Alcove						



Minimum Clearance to Combustible Materials

Please read the section below carefully as clearances depend on whether the optional AirMate convector or the rear heat deflector is installed on the stove. Measurements "From Unit" are from the top plate of the stove to a side wall or to a corner, and from the rear heat shield to a back wall.

Residential Installation "C" Vent (Single Wall)

Stove Model	Configuration	From Unit	From Side Wall	From Corner	From Back Wall	From Ceiling	From Floor
Small F1100	with AirMate	13"	11"	8"	25"	17.5"	20"
	with Rear Deflector	15"	10.5"	11"	27"	17"	23"
Medium S2400	with Step Top	16"	11"	6"	28"	17.5"	17.5"
	with AirMate	16"	11"	6"	28"	17.5"	17.5"
Medium F2400	with Rear Deflector	18"	12"	6.5"	30"	18.5"	19.5"
	with AirMate	18"	12"	8.5"	32"	18.5"	22"
Large F3100	with Rear Deflector	20"	14"	10.5"	34"	20.5"	24"

These clearances are certified clearances for the stove, however, the clearance to the combustibles and the single wall stove pipe must also be maintained. You can reduce the stove pipe clearance with a stove pipe heat shield.

Residential Close Clearance (To be installed with required pipe components)

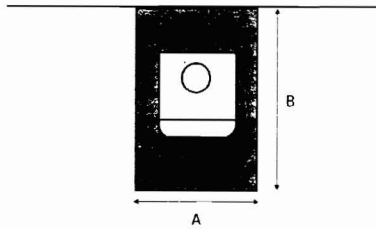
When the stove is installed as a close clearance residential unit, a listed double wall connector is required from the stove collar to the ceiling level.

Stove Model	Configuration	From Unit	From Side Wall	From Corner	From Back Wall	From Ceiling	From Floor
Small F1100	with AirMate	9"	5"	3"	21"	11.5"	15"
	with Rear Deflector	13.5"	5"	5"	25.5"	11.5"	17"
Medium S2400	with Step Top	15"	5.5"	4"	27"	12"	15.5"
	with AirMate	15"	5.5"	4"	27"	12"	15.5"
Medium F2400	with Rear Deflector	15"	6.5"	6"	27"	13"	17.5"
	with AirMate	16"	9.5"	8.5"	30"	16"	22"
Large F3100	with Rear Deflector	20"	12"	8.5"	34"	18.5"	22"

Mobile Home Close Clearance (To be installed with required pipe components)

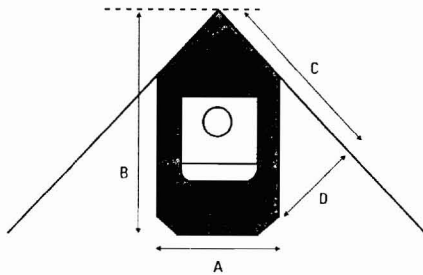
"C" Vent single wall pipe is not approved for mobile home installations. (Refer to mobile home instructions)

		FROM UNIT		FROM REAR DEFLECTOR		MIN. WIDTH	
		G	H	I	J		
Small F1100	with AirMate	11"	6"	6"	23"	12.5"	18"
	with Rear Deflector	13"	5"	9"	25"	11.5"	21"
Medium S2400	with Step Top	15"	5.5"	4"	27"	12"	15.5"
	with AirMate	15"	5.5"	4"	27"	12"	15.5"
Medium F2400	with Rear Deflector	15"	6.5"	6"	27"	13"	17.5"
	with AirMate	18"	9.5"	10"	32"	16"	23.5"
Large F3100	with Rear Deflector	20"	12"	10"	34"	18.5"	23.5"



Small F1100	with AirMate	36"	38"	36"	37"	36"	38"	36"	38"
	with Rear Deflector	36"	38"	36"	37"	36"	37"	36"	37"
Medium S2400	with Step Top	36"	46"	36"	45"	36"	45"	36"	45"
Medium F2400	with AirMate	36"	46"	36"	45"	36"	45"	36"	45"
	with Rear Deflector	36"	46"	36"	45"	36"	45"	36"	45"
Large F3100	with AirMate	40"	43"	40"	43"	40"	43"	40"	43"
	with Rear Deflector	40"	43"	40"	43"	40"	43"	Not approved for alcove	

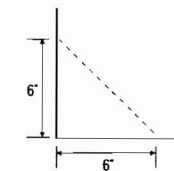
Small F1100	with AirMate	40"	42"	40"	41"	40"	42"	40"	42"
	with Rear Deflector	40"	42"	40"	41"	40"	41"	40"	41"
Medium S2400	with Step Top	40"	50"	40"	49"	40"	49"	40"	49"
Medium F2400	with AirMate	40"	50"	40"	49"	40"	49"	40"	49"
	with Rear Deflector	40"	50"	40"	49"	40"	49"	40"	49"
Large F3100	with AirMate	44"	47"	44"	47"	44"	47"	44"	47"
	with Rear Deflector	44"	47"	44"	47"	44"	47"	Not approved for alcove	



Small F1100	with AirMate	36"	52.75"	45.75"	21.25"	36"	47.75"	40.75"	16.25"	36"	50.75"	43.75"	19.25"
	with Rear Deflector	36"	57.25"	49.25"	25"	36"	49.75"	42.75"	18.25"	36"	58.25"	50.25"	26"
Medium S2400	with Step Top	36"	57.5"	53.5"	26.5"	36"	55"	52.5"	24.75"	36"	55"	52.25"	24.75"
Medium F2400	with AirMate	36"	57.5"	53.5"	26.5"	36"	55"	52.5"	24.75"	36"	55"	52.25"	24.75"
	with Rear Deflector	36"	58"	54"	27"	36"	57.5"	53.5"	27"	36"	57.5"	53.5"	27"
Large F3100	with AirMate	40"	60.75"	53"	24.25"	40"	60.75"	53"	24.25"	40"	60.25"	54.5"	24.25"
	with Rear Deflector	40"	63.5"	53.5"	26.25"	40"	60.75"	53"	24.25"	40"	63"	54.5"	24.25"

Corner Installations

If the rear clearance to combustibles is less than 6", for corner installations the corners may be angled to take advantage of the closer clearances.



Small F1100	with AirMate	40"	54.75"	47.75"	19.25"	40"	49.75"	42.75"	14.25"	40"	52.75"	45.75"	17.25"
	with Rear Deflector	40"	59.25"	51.25"	23"	40"	51.75"	44.75"	16.25"	40"	60.25"	52.25"	24"
Medium S2400	with Step Top	40"	59.5"	55.5"	28.5"	40"	57"	54.5"	26.75"	40"	57"	54.25"	26.75"
Medium F2400	with AirMate	40"	59.5"	55.5"	28.5"	40"	57"	54.5"	26.75"	40"	57"	54.25"	26.75"
	with Rear Deflector	40"	60"	56"	29"	40"	59.5"	55.5"	29"	40"	59.5"	55.5"	29"
Large F3100	with AirMate	44"	62.75"	55"	22.25"	44"	62.75"	55"	22.25"	44"	62.25"	56.5"	22.25"
	with Rear Deflector	44"	65.5"	55.5"	24.25"	44"	62.75"	55"	22.25"	44"	65"	56.5"	22.25"

Floor Protection

A combustible floor must be protected by non-combustible material (like tile, concrete board, or certified to UL 168 or as defined by local codes) extending beneath the heater and a minimum of 6" (USA) or 8" (250mm) (Canada) from each side and minimum 16" (USA) or 18" (450mm) (Canada) from the front face of stove and minimum 6" (USA) or 8" (250mm) (Canada) or the rear clearance to combustibles, whichever is smaller, from the rear of the stove.

When installed with horizontal venting, non-combustible floor protection must be installed beneath the flue pipe and extend 2" (51mm) beyond each side.