

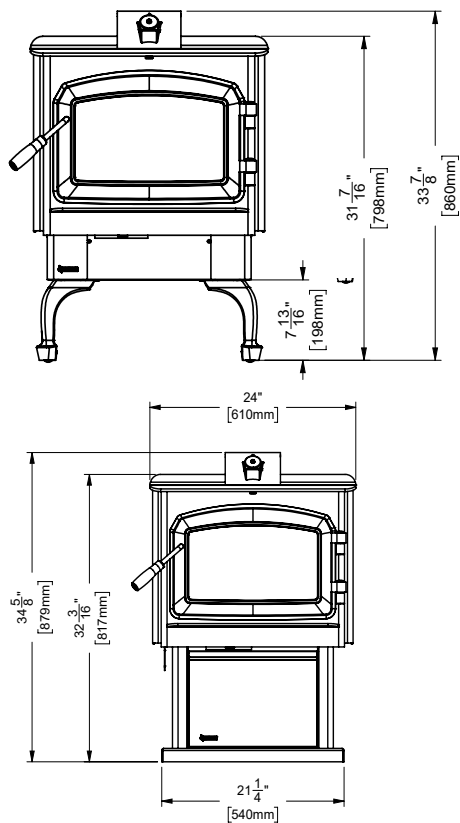
F2500 Wood Medium Stove

Model	F2500
Cordwood BTU's	78,000 BTU's
Emissions (grams/hr) EPA Certified	1 gram/hr
Efficiency (EPA HHV)*	76%
Efficiency (EPA LHV)	81%
Flue Size	6" (152mm)
US Biomass Tax Rebate Eligible	Yes

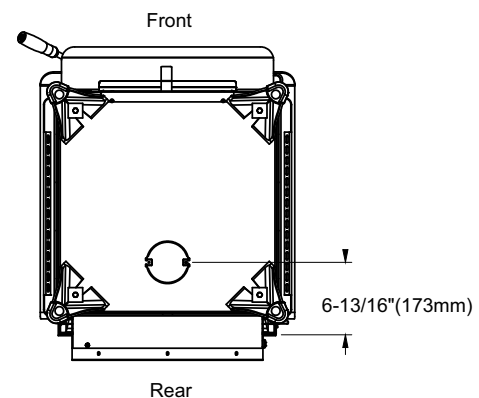
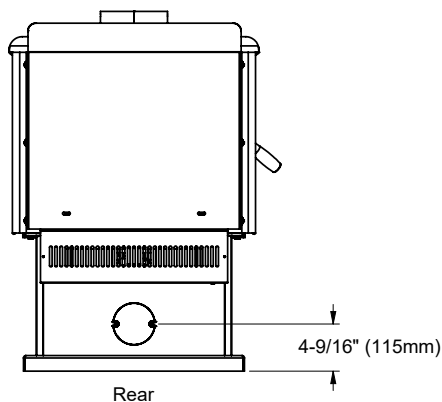
*US Biomass Tax Rebate eligibility is based on the HHV value being greater than or equal to 75%.



UNIT DIMENSIONS



OUTSIDE AIR DIMENSIONS

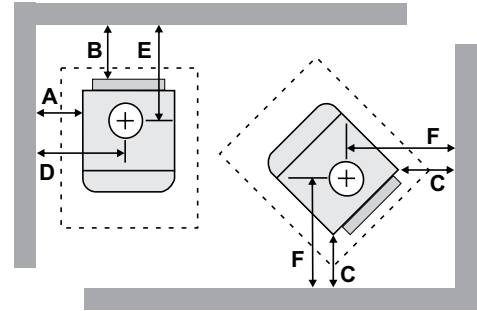


MINIMUM CLEARANCE TO COMBUSTIBLE MATERIALS

Please read the section below carefully as clearances depend on whether the airmate 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.

Clearances may only be reduced by means approved by the regulatory authority.
Minimum ceiling height - 83" (2108mm)



NOTE: This clearance is also required for air space between the appliance and wall/ceiling.

NOTE: Be aware that local Codes and Regulations may override some clearances listed in this manual. Check with your local inspector.

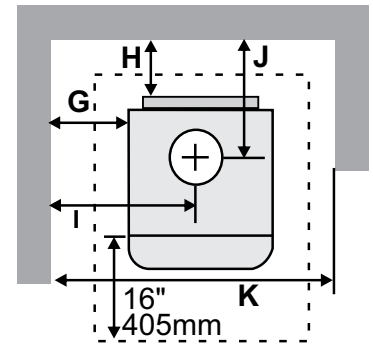
Residential Installation "C" Vent (Single Wall)						
Unit	From Unit		From Corner		From Flue Center-Line	
	A	B	C	D	E	F
Medium F2500M with Airmate	16" (406mm)	8.5" (216mm)	7" (178mm)	28" (711mm)	15" (381mm)	19" (483mm)
with Rear Deflector	16" (406mm)	10.5" (267mm)	7" (178mm)	28" (711mm)	17" (432mm)	19" (483mm)
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.						
Unit	From Unit		From Corner		From Flue Center-Line	
	A	B	C	D	E	F
Medium F2500M with Airmate	15" (381mm)	7" (178mm)	5" (127mm)	27" (686mm)	13.5" (343mm)	17" (432mm)
with Rear Deflector	15" (381mm)	9" (229mm)	5" (127mm)	27" (686mm)	15.5" (394mm)	17" (432mm)
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.)						
Unit	From Unit		From Corner		From Flue Center-Line	
	A	B	C	D	E	F
Medium F2500M with Airmate	15" (381mm)	7" (178mm)	5" (127mm)	27" (686mm)	13.5" (343mm)	17" (432mm)
with Rear Deflector	15" (381mm)	9" (229mm)	5" (127mm)	27" (686mm)	15.5" (394mm)	17" (432mm)

MINIMUM ALCOVE CLEARANCE AND 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 - 83"
Maximum depth of alcove - 48"

NOTE: This clearance is also required for air space between the appliance and wall/ceiling. Where the appliance is installed less than 8" from a rear wall, the ember pad only needs to extend to the base of the wall based on the clearances noted in this manual.



Unit	From Unit		From Flue Center-Line		From Wall
	G	H	I	J	K
Medium F2500M with Airmate	15" (381mm)	7" (178mm)	27" (686mm)	13.5" (343mm)	54" (1372mm)
with Rear Deflector	15" (381mm)	9" (229mm)	27" (686mm)	15.5" (394mm)	54" (1372mm)

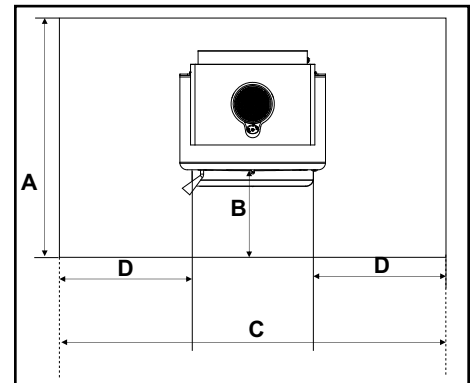
FLOOR PROTECTION (EMBER PROTECTION ONLY REQUIRED)

A combustible floor must be protected by a non-combustible material (like tile, concrete board, or certified to UL-1618 Type 1 (or as defined by local codes).

Canada: Beneath the heater and extending to at least 18" on the fuel loading side and at least 8" on the sides and back.

USA: Beneath the heater and extending to at least 16" beyond the fuel loading side and ash removal opening and at least 8" on the sides and back and under the chimney connector extending 2" beyond each side for horizontal applications.

Minimum Overall Depth (Y) of Floor Protector					
Unit		Edge of Fuel door opening to edge of hearth		Edge of Fuel Door Opening (Both Sides)	
		A	B	C	D
F2500	Canada	49" (1245mm)	18" (457mm)	33 11/16" (856 mm)	8" (203mm)
	USA	47" (1194mm)	16" (406mm)	33 11/16" (856 mm)	8" (203mm)



Minimum Overall Depth (Y) of Floor Protector					
Reference only when hearth pad is installed to rear wall at minimum pipe clearances.		Hearth Depth	Edge of Fuel door opening to edge of hearth	Hearth Width	Edge of Fuel Door Opening (Both Sides)
Residential Installation "C" Vent (Single Wall)					
Unit		A	B	C	D
F2500 with Airmate	Canada	49-1/2" (1257mm)	18" (457mm)	33-11/16" (856mm)	8" (203mm)
	USA	47-1/2" (1207mm)	16" (406mm)	33-11/16" (856mm)	8" (203mm)
F2500 with Rear Deflector	Canada	51-1/2" (1308mm)	18" (457mm)	33-11/16" (856mm)	8" (203mm)
	USA	49-1/2" (1257mm)	16" (406mm)	33-11/16" (856mm)	8" (203mm)
Residential Close Clearance (To be installed with required pipe components)					
Unit		A	B	C	D
F2500 with Airmate	Canada	48" (1219mm)	18" (457mm)	33-11/16" (856mm)	8" (203mm)
	USA	46" (1168mm)	16" (406mm)	33-11/16" (856mm)	8" (203mm)
F2500 with Rear Deflector	Canada	50" (1270mm)	18" (457mm)	33-11/16" (856mm)	8" (203mm)
	USA	48" (1219mm)	16" (406mm)	33-11/16" (856mm)	8" (203mm)

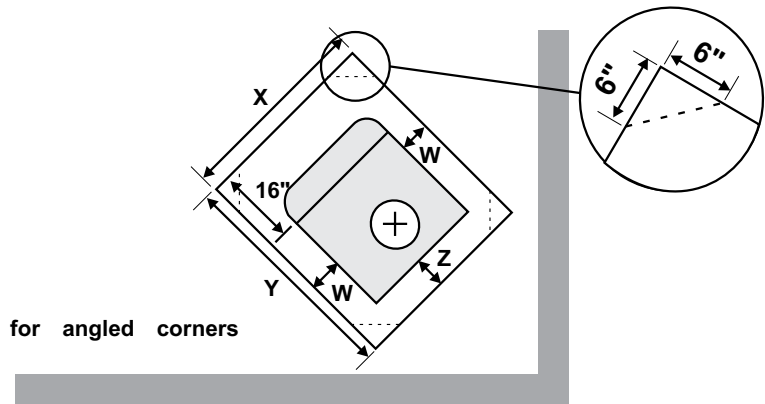
FLOOR PROTECTION (CORNER INSTALLATION)

A combustible floor must be protected by non-combustible material (like tile, concrete board, or certified to UL-1618 or as defined by local codes) extending beneath the heater and a minimum of 8" (203mm) from each side and minimum 16" (406mm)** from the front face of the stove and minimum 6" (152mm)** (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 beneath the flue pipe and extend 2" (51mm) beyond each side.

Minimum Overall Width (X) of Floor Protector for all installations:

Stove F2500M 33-11/16"(856mm)

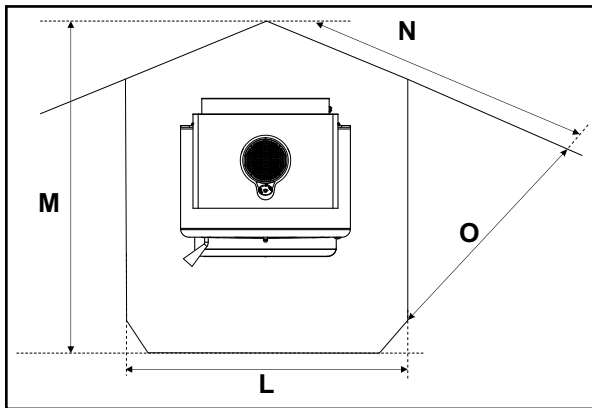


for angled corners

****NOTE: In Canada, floor protection must extend 18" (450mm) to the front and 8" (203mm) to back of the stove.**

Minimum Overall Depth (Y) of Floor Protector			
Unit	Residential "C" Vent		From Edge of Fuel Door Opening
	Y	Z	W
Medium F2500M	Canada - 49" (1245mm) USA - 47" (1194mm)	**6" (152mm)	8" (203mm)

Minimum Overall Depth (Y) of Floor Protector - Corner Hearth Reference only when hearth pad is installed to rear wall at minimum pipe clearances.				
	Hearth Depth			
F2500	L	M	N	O
Residential Installation "C" Vent (Single Wall)				
Canada	33-11/16" (856mm)	61-7/16" (1561mm)	51-1/8" (1299mm)	27-5/16" (694mm)
USA	33-11/16" (856mm)	59-7/16" (1510mm)	49-3/4" (1264mm)	25-7/8" (657mm)
Residential Close Clearance (To be installed with required pipe components)				
Canada	33-11/16" (856mm)	57-15/16" (1472mm)	48-5/8" (1235mm)	24-13/16" (630mm)
USA	33-11/16" (856mm)	55-15/16" (1421mm)	47-1/4" (1200mm)	23-7/16" (595mm)



MOBILE HOME INSTALLATION (USA ONLY)

This appliance is not approved for mobile home installations in Canada (USA only) .

For USA Installations: see Outside Air Kit - Part # 846-502.
There are further requirements when installing this unit into a mobile home in the US Only.

Once you have properly marked the position of your unit and the floor protection as outlined in the Residential Installation items #1 through #8, a supply of fresh air has to be supplied to your unit.

See Optional Outside Air Kit instructions in this manual.

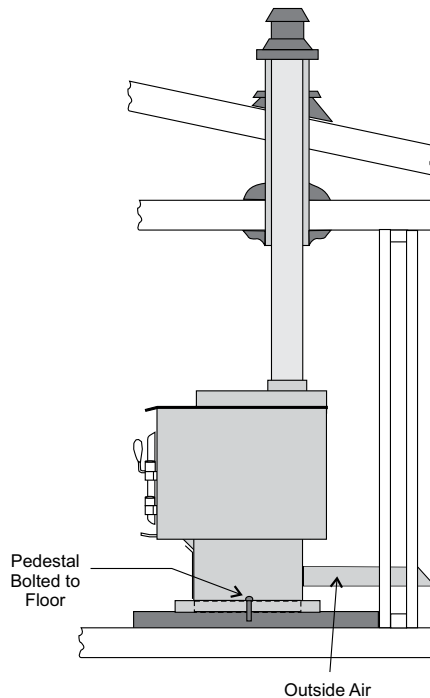
Place your unit in position and secure it to the floor using two lag bolts 3/8" (10mm) x 3-1/2" (89mm) through the two holes inside the pedestal base. It is important to maintain the structural integrity of the Mobile Home floor, walls and roof when installing your unit.

For Mobile Home units installed in the U.S. the unit must be grounded using a #8 ground wire with approved termination and star washer.

CAUTION: At no time use unlabelled parts, or substitute parts made for another chimney system.

Install as per chimney manufacturer's installation instructions.

1. Identify the position of the outside air damper by the orientation of the metal handle that rests outside the galvanized pipe. The metal handle and the damper disc are in line with each other. This means that if the metal handle is in a horizontal position, the damper is flat and fully open.
2. Open the damper fully whenever you start a fire. This will allow the outside air to be drawn in the pedestal base eliminating any potential smoke escaping the stove and entering the room. (Negative air pressure)



WARNING: Operate only with door fully closed - open feed door to feed fire only.

In addition to standard installation instructions the following requirements are mandatory for installation in a mobile home.

1. The stove must be permanently bolted to the floor of the Mobile Home using the floor screws provided.
2. The stove must have a permanent outside air source for combustion.
3. The stove must be electrically grounded to the steel chassis of the Mobile Home.
4. A listed double-wall connector chimney system, roof thimble, spark arrestor and roof flashing kit suitable for use in Mobile Homes must be used.
5. If the chimney exits the Mobile Home at a location other than through the roof, and exits at a point 7ft. (2130mm) or less above the ground level on which the Mobile Home is positioned a guard or method of enclosing the chimney shall be fitted at the point of exit for a height up to 7ft. (2130mm).
6. The chimney shall be attached directly to the room heater and shall extend at least 3 ft. (914mm) above the part of the roof through which it passes. The top of the chimney should project at least 2ft. (610mm) above the highest elevation of any part of the Mobile Home within 10 ft. (3048mm) of the chimney.
7. The chimney system shall comply with Local Requirements.
8. Any openings in a chimney guard where required must not permit the entrance of 3/4" (19mm) diameter rod.
9. **CAUTION: THE STRUCTURAL INTEGRITY OF THE MOBILE HOME ROOF, FLOOR, WALLS AND CEILING MUST BE MAINTAINED.**
10. Check any other local building code as other local codes may apply.
11. **WARNING: DO NOT INSTALL IN A SLEEPING ROOM OF A MOBILE HOME.**
12. Use silicone to create an effective vapour barrier at the location where the chimney or other component penetrates to the exterior of the structure.