

Agenda of Whitewater Landmarks Commission
Wednesday, December 1, 2010 - 5:00 PM
City Manager Conference Room
- 2nd Floor
312 Whitewater St., Whitewater, WI 53190

1. Call to order & roll call
2. Approval of agenda and possible rearrangement of items.
3. Approval of minutes of November 3, 2010 Meeting.
4. Set date for next meeting.
5. Hearing of Citizen Comments.
6. Review By-Laws, Parliamentary Procedure, and Landmarks Designation and Alterations (and process of issuance of Certificate of Appropriateness).
7. Action on application for alteration to Landmark property located at 445 W. Center Street (Applicant has requested approval to install a pellet stove to the entry area. This will result in extension of a pipe through the brick near the front entrance).
8. Adjournment.

For Inspections:
Call
(262) 473-0540 ext. 244

City of Whitewater Wisconsin Uniform Permit Application

PERMIT NO. _____

PARCEL NO. _____

PROJECT LOCATION CONSTRUCTION HVAC ELEC SIGN ZONING

Building Address: No. 445 Direction W Street Name Center St Type _____ Suite No. 262-745-9676 Phone _____ Lot No. _____ Block No. _____
Zoning District _____ Lot Area _____ sq. ft. Front Setbacks: _____ ft. Rear Setbacks: _____ ft. Left _____ ft. Right _____ ft.

PERMIT REQUESTED Contractor's License/Certificate # _____ 1/4 _____ 1/4 Section _____ T _____ N R _____ E (or) W

Contractor's Name: Warming Trends Mailing Address: Delavan WI 53115 Phone: _____
Owner's Name: Carol Christ Mailing Address: _____ Owner Project Federal Project
 Tenant Project City Project

1. PROJECT <input type="checkbox"/> New <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Combination (Alt. & Add'n.) <input type="checkbox"/> Non-Permanent (Tents, etc.) <input type="checkbox"/> Repair <input type="checkbox"/> Raize <input type="checkbox"/> Move <input type="checkbox"/> Foundation <input type="checkbox"/> Zoning Only <input type="checkbox"/> Change of Use	2. USE <input checked="" type="checkbox"/> Residential # Res. Units <u>1</u> <input type="checkbox"/> Non-Residential	3. ELECTRICAL Entrance Panel Size _____ amp Service: <input type="checkbox"/> Underground <input type="checkbox"/> Overhead 6. CONST. TYPE <input type="checkbox"/> Site Constructed <input type="checkbox"/> Manufactured	4. HVAC <input type="checkbox"/> Forced Air <input type="checkbox"/> Hot Water <input type="checkbox"/> Heat Pump <input type="checkbox"/> Steam or Vapor <input type="checkbox"/> Central Air Conditioning <input checked="" type="checkbox"/> Other <u>Pellet Stove</u>																								
9. AREA (Outside Dimension) Basements _____ sq. ft. (below grade floors) Usable Area _____ sq. ft. (grade floor and above) Garage _____ sq. ft. TOTAL _____ sq. ft.	10. STORIES (Above Grade) <input type="checkbox"/> 1-Story <input type="checkbox"/> 2-Story <input type="checkbox"/> Other	7. FOUNDATION <input type="checkbox"/> Concrete <input type="checkbox"/> Masonry <input type="checkbox"/> Treated Wood <input type="checkbox"/> Other	5. ENERGY SOURCES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Fuel</th> <th style="width: 30%;">Space Htg.</th> <th style="width: 30%;">Water Htg.</th> </tr> </thead> <tbody> <tr><td>LP Gas</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Nat. Gas</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Fuel Oil</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Electric</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Wood</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Solar</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Coal</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </tbody> </table>	Fuel	Space Htg.	Water Htg.	LP Gas	<input type="checkbox"/>	<input type="checkbox"/>	Nat. Gas	<input type="checkbox"/>	<input type="checkbox"/>	Fuel Oil	<input type="checkbox"/>	<input type="checkbox"/>	Electric	<input type="checkbox"/>	<input type="checkbox"/>	Wood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Solar	<input type="checkbox"/>	<input type="checkbox"/>	Coal	<input type="checkbox"/>	<input type="checkbox"/>
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		11. USE (Res.) <input type="checkbox"/> Seasonal <input type="checkbox"/> Permanent <input type="checkbox"/> Other	8. PLUMBING Sewer: <input type="checkbox"/> Municipal <input type="checkbox"/> Septic - Permit No. _____																								
		13. RES. UNITS Added or Deleted Family (s) _____ Condominium (s) _____ Hotel, Motel, Dorm. _____	12. WATER <input type="checkbox"/> Private Utility <input type="checkbox"/> Municipal Utility <input type="checkbox"/> On-site Well & Pump																								
		14. HEAT LOSS (Calculated) Envelope _____ BTU/HR Infiltration _____ BTU/HR																									

15. CLASS OF CONSTRUCTION <input type="checkbox"/> 1. Fire Resistive Type A <input type="checkbox"/> 2. Fire Resistive Type B <input type="checkbox"/> 3. Metal Frame - Protected <input type="checkbox"/> 4. Heavy Timber <input type="checkbox"/> 5a. Ext. Masonry - Protected <input type="checkbox"/> 5b. Ext. Masonry - Unprotected <input type="checkbox"/> 6. Metal Frame - Unprotected <input type="checkbox"/> 7. Wood Frame - Protected <input type="checkbox"/> 8. Wood Frame - Unprotected	16. TYPE OF USE (Non-Residential) <input type="checkbox"/> Amusement, Recr. <input type="checkbox"/> Church, Religious <input type="checkbox"/> Industrial <input type="checkbox"/> Parking Garage, Lots <input type="checkbox"/> Service Station, Repair Garage <input type="checkbox"/> Hospital, Inst'l. <input type="checkbox"/> Office, Bank, Prof. <input type="checkbox"/> Stores, Mercantile <input type="checkbox"/> Warehouse <input type="checkbox"/> Restaurant/Tavern <input type="checkbox"/> Educational <input type="checkbox"/> Public Utility <input type="checkbox"/> Other Non-Res. Buildings <input type="checkbox"/> Non-Buildings (Tanks, Swimming Pools, etc.) <input type="checkbox"/> Attached Garage <input type="checkbox"/> Detached Garage	17. BRIEFLY DESCRIBE PROJECT: <u>Adding a pellet stove to entry area. Pipe will extend thru brick to east side of house near front entrance.</u> <u>NEED TO BE REFERRED TO LANDMARKS WITHIN 2 WEEKS of date of this application.</u>
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NOTE: Inspections are required for the following: all footings before pouring, Electrical, Insulation and Heating Systems before they are covered and Occupancy Inspection is needed before occupying structure.

18. ESTIMATED COST: \$ 4260.00

The applicant agrees to comply with the Wisconsin Building Codes and other Municipal Ordinances and with the conditions of this permit; understands that the issuance of the permit creates no legal liability, express or implied, on the Department or Municipality; and certifies that the information is accurate.

19. SIGNATURE OF APPLICANT Carol Christ DATE 11-11-2010

20. FEES Construction \$ _____ Zoning \$ _____ Electrical \$ _____ Heating \$ _____ Sign \$ _____ Double Fee \$ _____ (for work started without permit) Raze/Wrecking \$ _____ Parking \$ _____ Occupancy \$ _____ Other \$ _____ TOTAL \$ _____ Voucher No. \$ _____	21. CONDITIONS OF APPROVAL This permit is issued pursuant to the following conditions. Failure to comply may result in suspension or revocation of this permit or other penalty. <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">APPROVALS BY:</td> <td style="width: 30%;">Zoning <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td style="width: 30%;">Landmarks Commission <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td></td> <td>Architect or Professional Engineer <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td>C-4 Exterior Approval <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td></td> <td>State of Wisconsin <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td>Plan Board <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> </table>	APPROVALS BY:	Zoning <input type="checkbox"/> Yes <input type="checkbox"/> No	Landmarks Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		Architect or Professional Engineer <input type="checkbox"/> Yes <input type="checkbox"/> No	C-4 Exterior Approval <input type="checkbox"/> Yes <input type="checkbox"/> No		State of Wisconsin <input type="checkbox"/> Yes <input type="checkbox"/> No	Plan Board <input type="checkbox"/> Yes <input type="checkbox"/> No
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22. FEE GROUP _____ _____ _____	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">23. PERMIT(S) ISSUED Construction HVAC Electrical Sign Zoning</td> <td style="width: 33%;">WISCONSIN UNIFORM PERMIT SEAL #</td> <td style="width: 33%;">24. PERMIT ISSUED BY City of Whitewater #64-291 & #28-292 NAME _____ DATE ISSUED _____ Mo / _____ Day / _____ Year / CERT. NO. _____</td> </tr> </table>	23. PERMIT(S) ISSUED Construction HVAC Electrical Sign Zoning	WISCONSIN UNIFORM PERMIT SEAL #	24. PERMIT ISSUED BY City of Whitewater #64-291 & #28-292 NAME _____ DATE ISSUED _____ Mo / _____ Day / _____ Year / CERT. NO. _____						
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Smith-Allen House
445 W. Center St.
Whitewater

A request for approval for a pellet stove for the Smith-Allen House, submitted by Carol Christ and Donald Werdin, present owners.

The rationale for installing a pellet stove in the front entryway is to increase heat to that area of the house. Heat will rise up to the bedrooms and spread into the living room. The front entry and living room is over a crawl space and is difficult to heat.

Enclosed are pictures of the front (north side of the house) and east side. The vent pipe will be placed on the east side of the house about 64 inches above the ground. The pipe is 3 inches in diameter and will extend out 1 foot on the east side of the house. It will be painted to match the brick. From the front view of the house it will be hidden by the bush to the left of the steps.

Typically the stove is vented straight out (see page 1 diagram) but due to the fact that the woodwork inside rises 10.5 inches and the vent pipe comes out of the stove at 7.66 inches, it must be vented higher.

Page 2 diagram shows the alternate venting (#2 preferred method). The vertical portion of the vent pipe must be 3 – 5 feet high. With a 3 foot pipe, that would put the vent hole at 44 inches or 3 feet, 8 inches high inside. The stove itself is 32.5 inches high sitting on a cast iron pad. Using a vertical pipe will also allow some heat recovery from the pipe to warm the room as well as somewhat mimic the look of a pot belly stove which had a vent pipe extending upward.

The stove will sit in the northeast corner of the entry way on an angle (same as stove on the front of the brochure).

The stove will be installed by Warming Trends, 1333 Racine St. Delavan WI, 728-7887. Attached is a brochure describing the Accentra Pellet Stove which is made of cast iron. Specifications are on the last page.

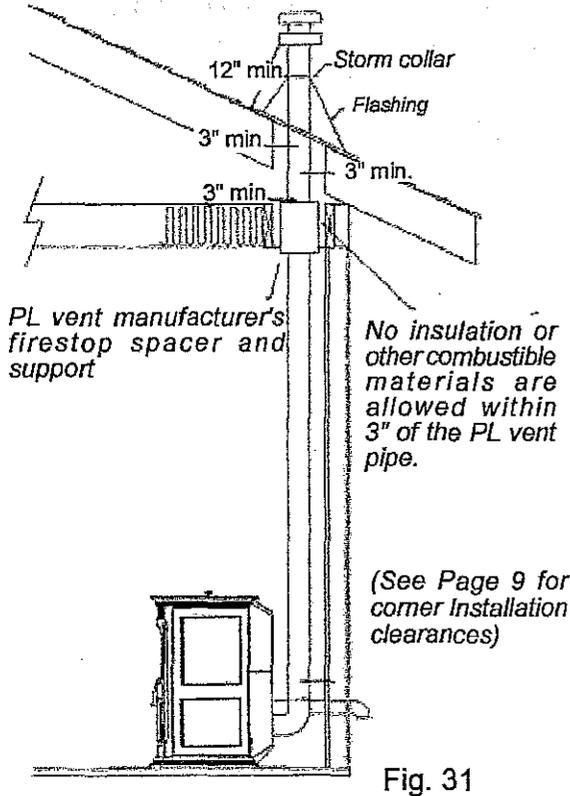


Fig. 31

Minimum flue vent configuration

It is required that outside air be installed with this venting configuration to reduce smoke and creosote smell in the room in the event of power failure.

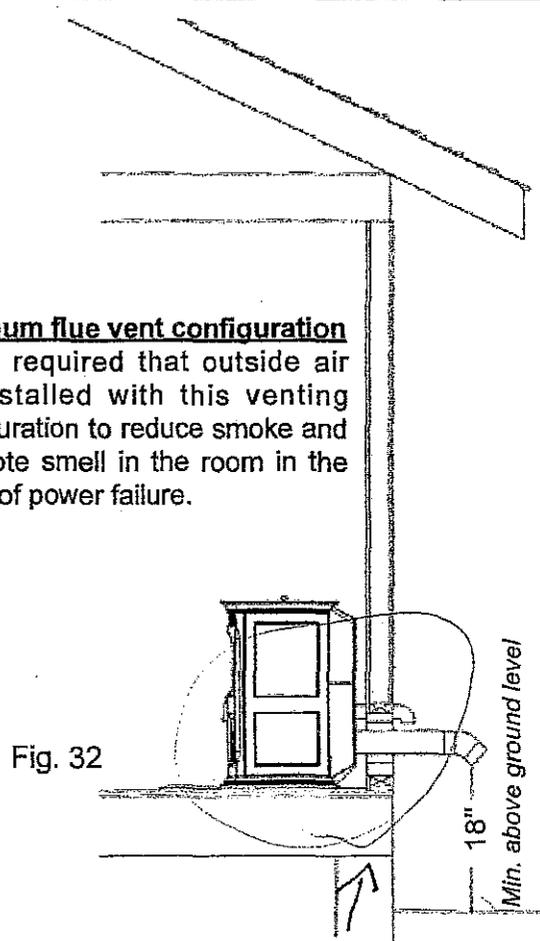
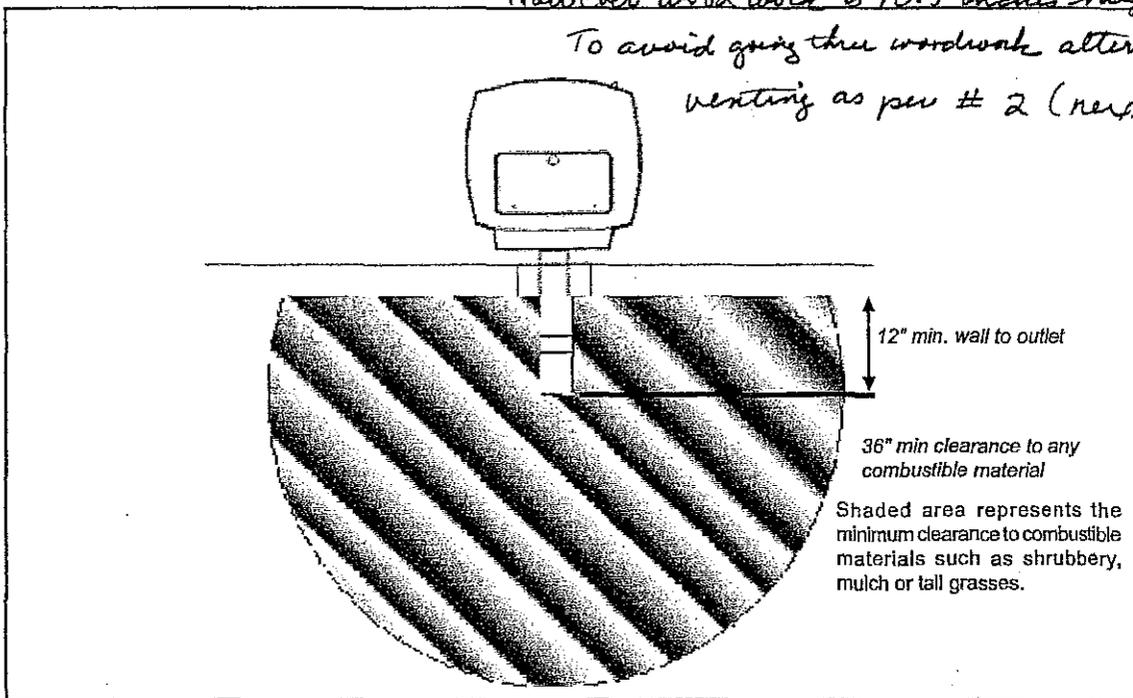


Fig. 32

#8 Installing through the ceiling vent

Through the ceiling vent, follow PL vent manufacturers recommendations when using wall and ceiling pass through. **Note: Do not place joints within wall pass-throughs.**

*Typically vented straight out.
 However ^{inside} wood work is 10.5 inches high
 To avoid going thru woodwork alternate venting as per # 2 (next page.)*

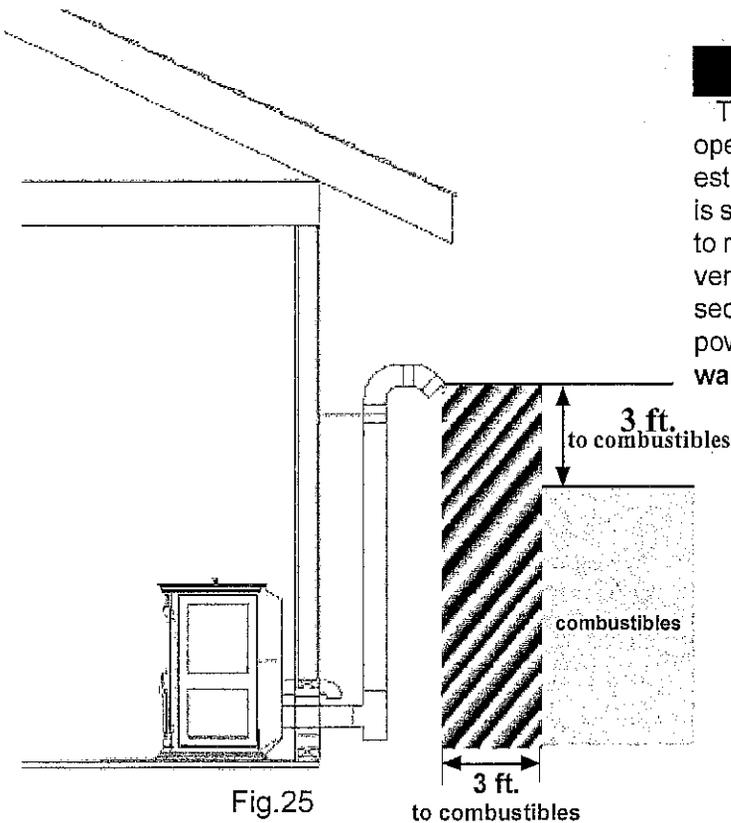


12" min. wall to outlet
 36" min clearance to any combustible material
 Shaded area represents the minimum clearance to combustible materials such as shrubbery, mulch or tall grasses.

Venting

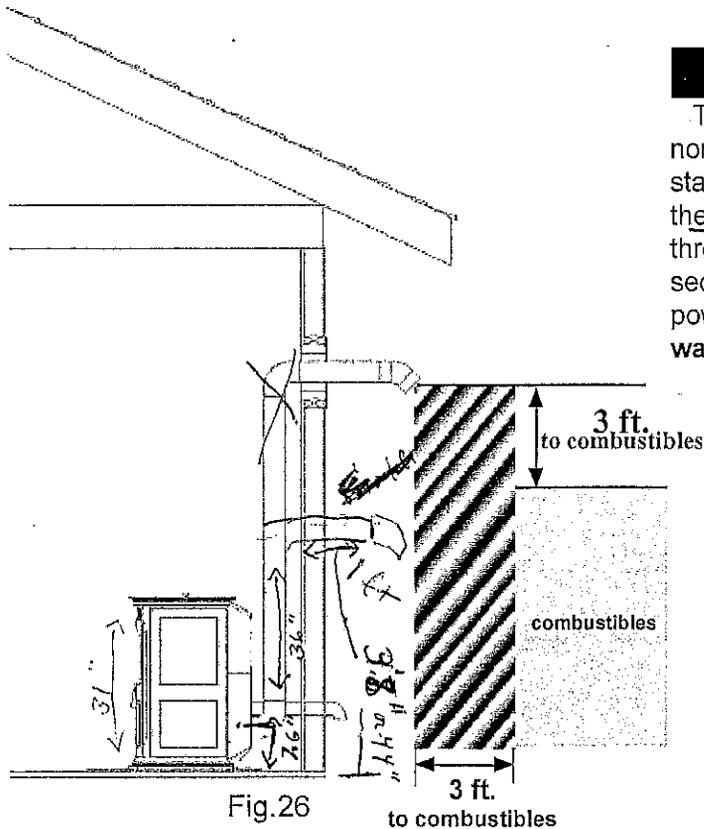
#1 Preferred method

This method provides excellent venting for normal operation and allows the stove to be installed closest to the wall. Two and a half inches from the wall is safe; however, three inches allows better access to remove the rear panel. The vertical portion of the vent should be three to five feet high. This vertical section will provide natural draft in the event of a power failure. **Note: Do not place joints within wall pass-throughs.**



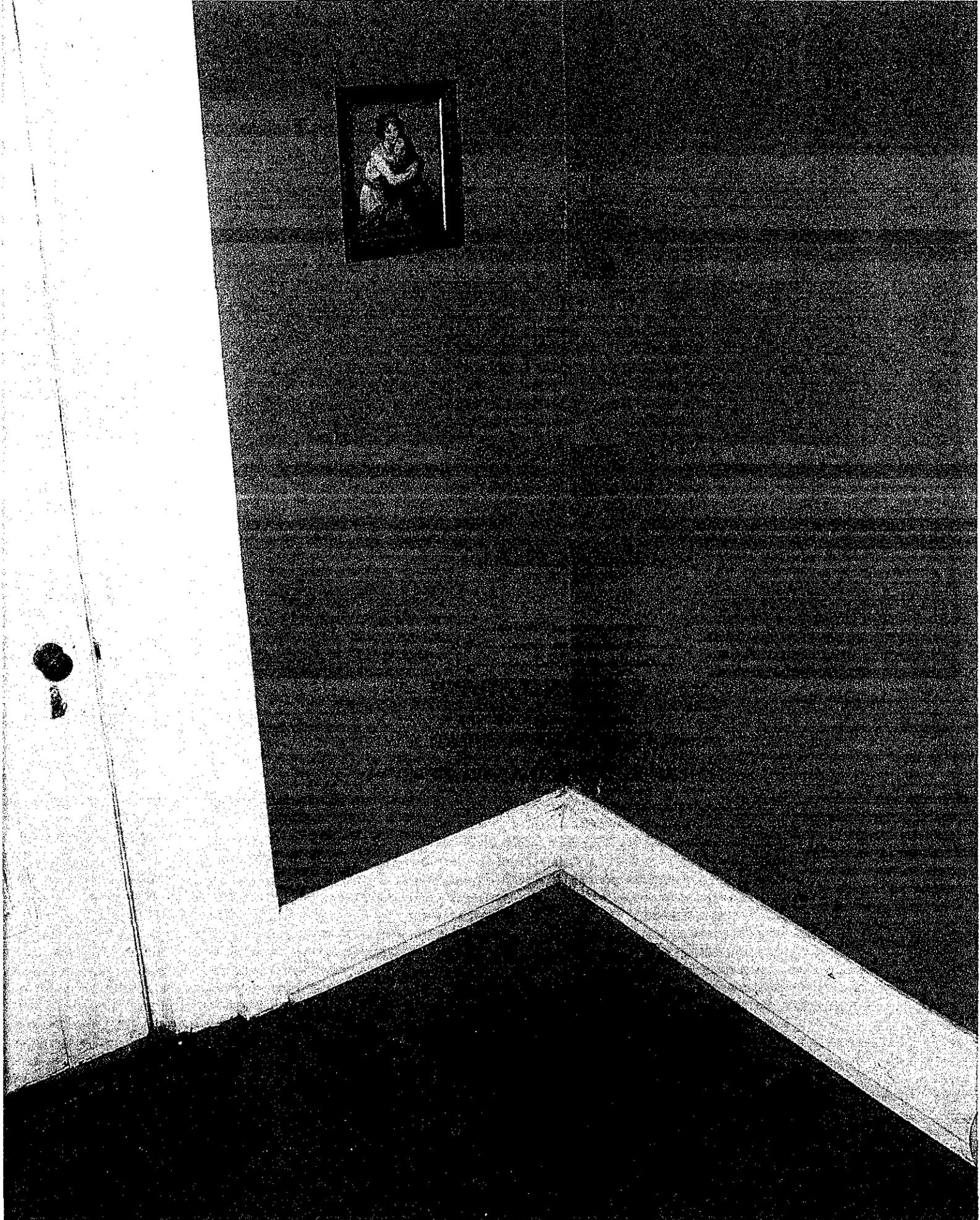
#2 Preferred method

This method also provides excellent venting for normal operation but requires the stove to be installed farther from the wall. The vertical portion of the vent should be three to five feet high and at least three inches from a combustible wall. This vertical section will provide natural draft in the event of a power failure. **Note: Do not place joints within wall pass-throughs.**



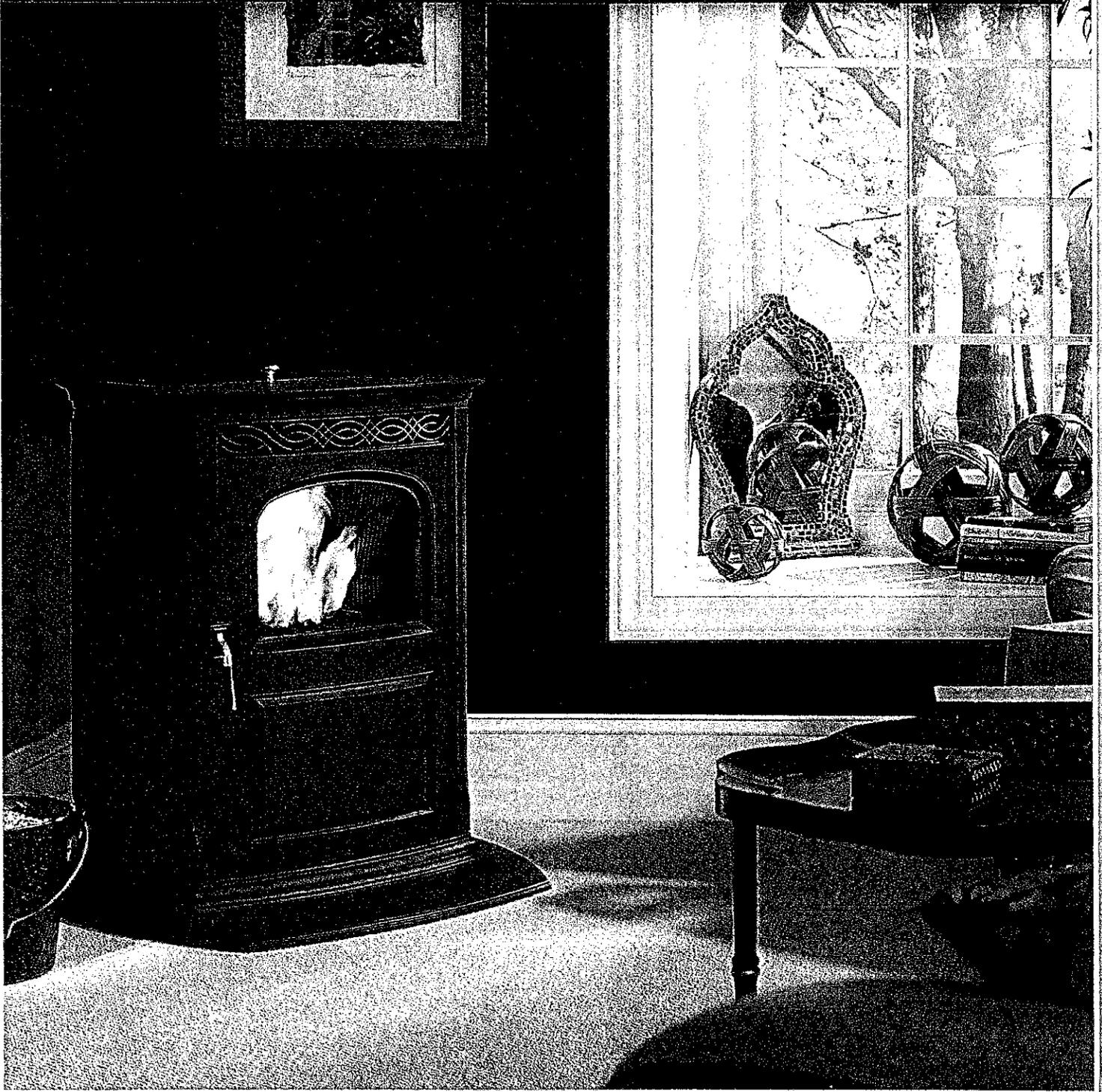
CAUTION

KEEP COMBUSTIBLES (SUCH AS GRASS, LEAVES, ETC.) AT LEAST 3 FEET AWAY FROM THE FLUE OUTLET ON THE OUTSIDE OF THE BUILDING.





The Harman Accentra Pellet Stove



Accent your home with
the elegance of cast iron.

The Harman *Accentra*

Sealed hopper
holds up to 50
pounds of pellets

Top view of the
tinted glass
hopper lid

State-of-the-art,
whisper-quiet,
variable-speed
blower

Large decorative
glass door

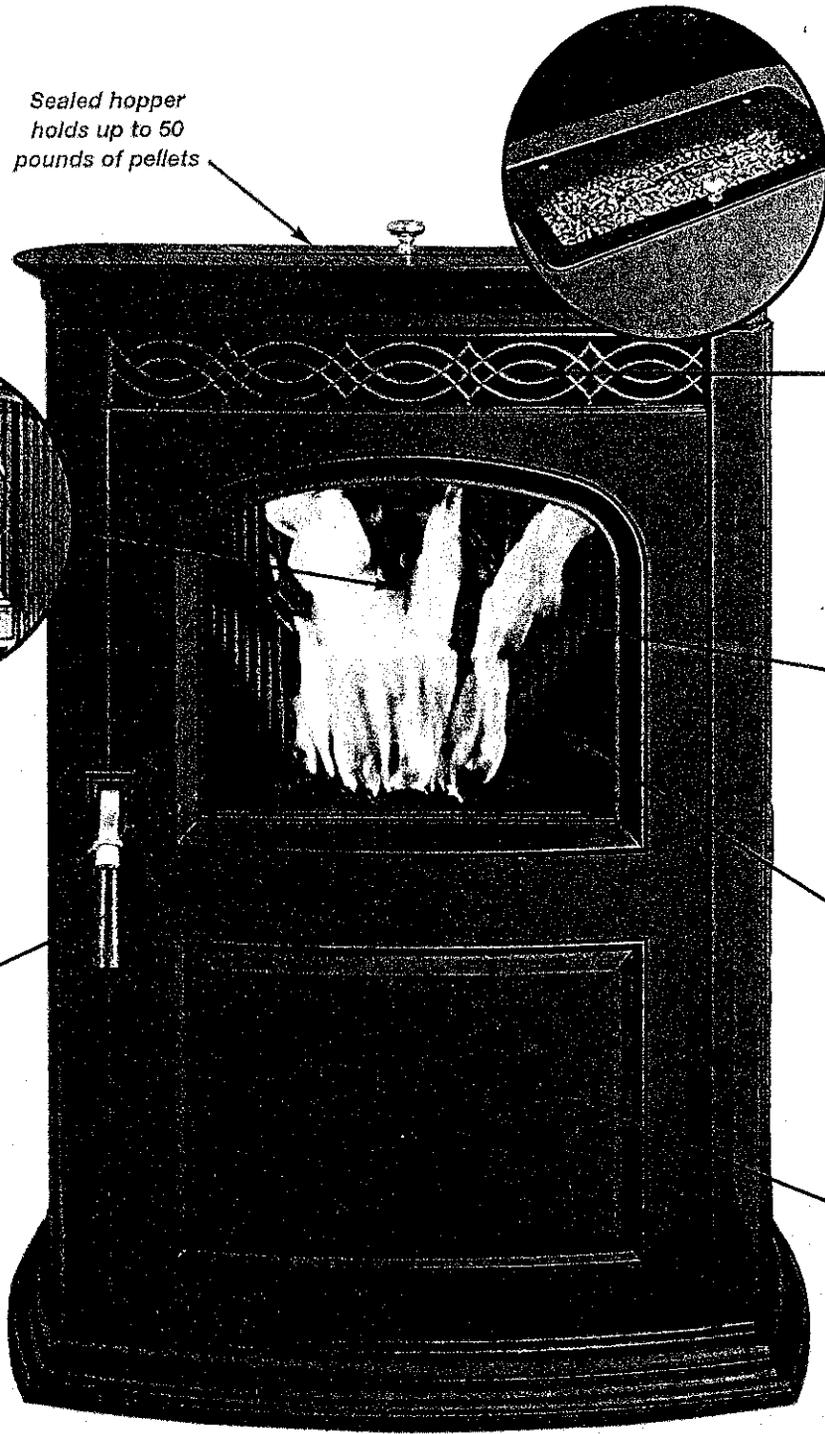
Exclusive air wash
system keeps
door glass cleaner,
longer

Large door opens
the front of the
stove for fast &
easy cleaning

Nautical Medallion
adds style even
without a fire

Dual point
latching system with
single handle

Optional battery
backup



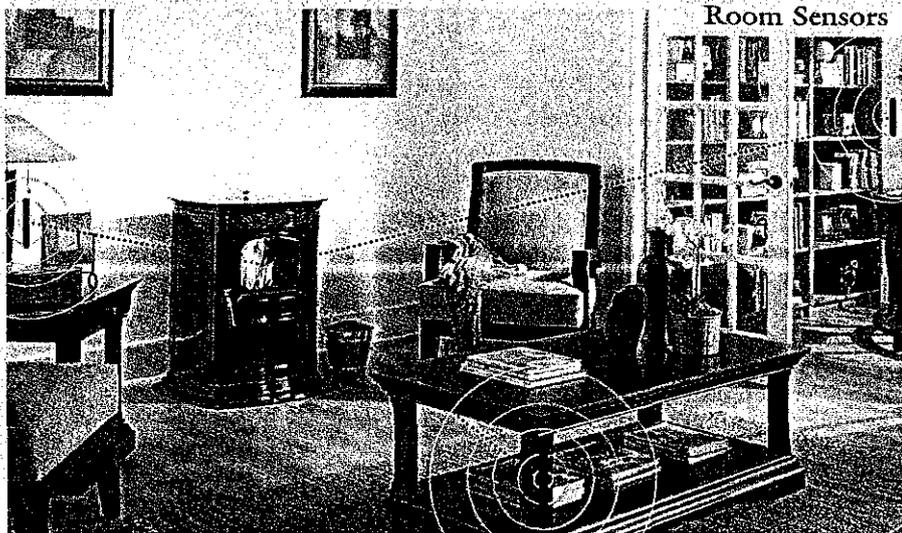
The Harman Accentra

The Accentra is by far the best pellet stove on the market with traditional cast iron styling. The remarkable features on this stove enhance performance and make it even easier to enjoy the warmth and convenience of pellet heat. The Accentra is state-of-the-art in every way.

From the moment you lift the door handle you know this is a stove built to

a quality standard far above any other cast iron pellet stove on the market. The castings are smooth and detailed and the understated appearance accents a wide range of décor styles. And with the optional cast iron hearth pad and the outside air kit, you can install an Accentra where other pellet stoves can't go.

Temperature Control



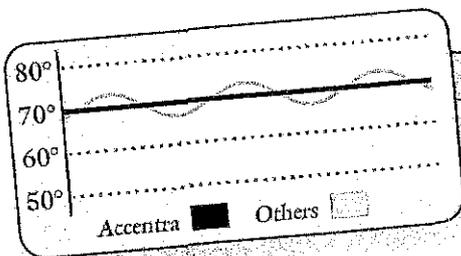
The Accentra has a remarkably precise temperature control system built right in so you won't need an old-fashioned thermostat. The Harman Accentra constantly monitors room temperatures and makes automatic adjustments to the pellet feed rate and combustion air so you get very even heating. It even turns

itself off and on as needed. Your home is kept warm and comfortable without the rapid fluctuations in temperatures common to other pellet stoves.

The Accentra is so advanced it will keep the room temperature just where you want it, regardless of the quality of pellets you burn or the frequency you clean your stove.

Consistent Temperature

The Accentra does not use a thermostat as do other pellet stoves, but rather a tiny sensing probe that sends information to the micro-processor on the stove. This information is used to feed the proper amount of fuel at the right time to keep you warm and comfortable. The Accentra also has a Stove Temp Mode that allows you to set the stove temperature as desired rather than the room temperature.



Features

Automatic Temperature Control

The Accentra's automatic temperature control system eliminates the warm/cold cycle associated with the thermostatically controlled heating systems and even turns the Accentra on and off as needed.

Dependable Auto-Ignition

The Accentra uses special heat transfer disks on the outside of the Harman igniter to transfer heat away from the igniter's core and increase durability.

Super-Sized Ash Pan

The large ash pan greatly reduces the number of times you will need to empty the ashes during a season. Some pellet stoves have small toaster oven-sized ash pans, while the Accentra's ash pan will let you burn almost a ton of pellets before you have to empty it.

Clean Glass for Fireviewing

The Accentra's large window stays remarkably clean so you can enjoy the fire for much longer periods of time without having to clean the glass. The Accentra will easily go for weeks between cleanings while other pellet stoves need to be cleaned at least once a week!

Performance

The Accentra has been carefully engineered to provide very quiet operation. Convection air passageways have been enlarged and designed aerodynamically to reduce airflow noise. Fans and motors are rubber mounted, the engine compartment is insulated, leveling screws with rubber pads eliminate vibration between the stove and the hearth pad and a two-stage convection fan gives you the capability to cut sound even further.

Convenience

The Accentra can burn up to a ton of pellets without the need for ash removal or cleaning. When needed, the entire stove can be cleaned in less than half an hour.

Value

The Accentra delivers high overall efficiencies due to the unique cast iron heat exchanger. The heat exchanger is accordion shaped so the maximum amount of heat from the flue gases gets transferred out into the room. The Accentra is rated at 40,000 BTUs/per hour and will typically heat 1450-sq. ft. of living space in the Northeast.

That's Real Value.

That's the Harman Difference!

Features:

- New fresh, clean design
- New cast iron heat exchanger provides greater heat exchange surface in less space
- New cast iron feeder, patented
- New tinted glass hopper lid
- 50 pound hopper capacity
- New 102 square inches of cleaner glass
- New quieter operation
- Automatic ignition
- ESP control
- 0 - 40,000 BTUs
- Room sensor
- Harman quality, fit, and finish

Options:

- Enamel finish
- Cast iron hearth pad (28 5/8" x 24 1/16")
- Outside air kit
- Custom colors

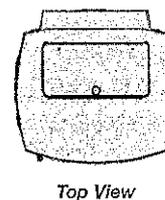
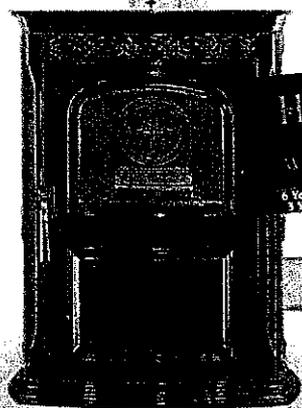
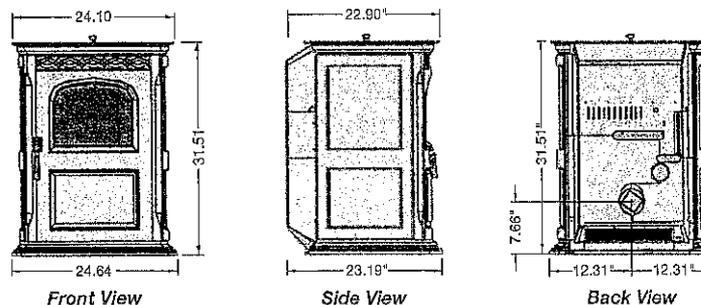
Specifications:

BTU Range	0 to 40,000
Hopper Capacity	50 lbs.
Fuel	Wood Pellets
Blower Size	150 cfm
Outside Air Size	2.375 in.
Height	31.5 in.
Width	24.6 in.
Depth	23.2 in.
Weight	370 lbs.
Fuse Rating	5 amp
Venting Size	3 in. Pellet Vent Pipe
Feed Rate	.75 lb. per hour (minimum) 4.75 lbs. per hour (maximum)

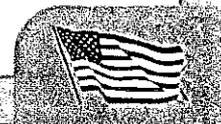
Clearance to Combustibles

Rear:	2.25 in.
Side:	12 in.
Front:	6 in.

Clearances and Dimensions:



Top View



Safety testing by Omni Testing Laboratory
ASTM-E1509 • ULC-C1482 • Oregon-814-23-900
per 40CFR-60.530 sup. part AAA
per EPA method 28A and 5G



HARMAN STOVE COMPANY
352 Mountain House Road • Halifax, PA 17032
www.harmanstoves.com

Your Harman Dealer Is:

