

Homefire



HEATING WITH WOOD IN THE 21ST CENTURY

David Stobbe

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Let's face it, it can be a confusing world out there in Homefire Land. With literally hundreds of models of stoves, fireplaces and possibilities, and almost as many opinions on what's right for you, the process can be daunting. Relax, find a comfy chair and pretend it's in front of a radiant new wood-stove, and educate yourself. On a cold winter's day, there's really nothing like putting your feet up in front of a warm fire. A good book, your favourite beverage, and all is well.

A little knowledge goes a long way, and what you're considering is a significant investment that will be with you for many years. Take your time, get informed, ask some questions, and get ready for years of safe and comfortable solid fuel heating.

Read on, this road leads to a warm, happy place.

TABLE OF CONTENTS

1. Safety first!.....	5
2. So, you want to buy a wood stove?	11
Will a stove fit in my house?	14
Wood or pellet?.....	16
EPA, what does it mean?	22
3. Chimney	25
Inside or outside?	25
Brick and stone chimneys	29
Stove installation–upstairs or downstairs?.....	34
4. Fireplaces.....	37
Wood burning fireplace inserts.....	37
Zero clearance fireplaces.....	40
5. Wood stoves	43
Small, medium or large?.....	43
Choose your stove: traditional, catalytic, high tech, radiant, convection?	46
Can I still use my old stove and chimney?	52
Masonry heaters	57

6. Hearth protection	59
Stovepipe	62
7. Installation of solid fuel appliances	65
What does WETT mean?.....	65
8. Fuel	67
Cord-wood or sawdust logs?	67
Dry wood: what does <i>seasoned</i> mean?	69
How to make and manage a fire	72
9. Maintenance.....	79
10. Conclusion of the matter	83
About the author.....	85
Acknowledgements.....	86
Businesses and resources recommended by author	88

Safety first!

The first of many considerations when installing a wood burning appliance is, of course, safety. You have a significant investment in your home, and are now contemplating a major purchase that affects that investment. Whether the house is new to you and already has a wood or pellet appliance, or if you want to add one, there are some things to consider from a safety perspective.



If you've spoken with your insurance company about heating with solid fuel, they may have offered some feedback. The cost of your policy may or may not change, depending on

your insurance provider, but they are likely to insist that you get a WETT-certified inspector involved in the process. If you have an existing wood burning appliance in your home, they will ask you to have it inspected to ensure that it is safe to operate. If you are having a new system installed, they will want it done by a WETT-certified installer, who will stand behind and certify their work.

"...they are likely to insist that you get a WETT-certified inspector involved..."

For an existing installation, a WETT-certified inspector will usually perform what is known as a Level 1 Inspection, which is non-invasive and visual. In other words, no components are removed for inspection. Although this doesn't indicate what has been done within closed spaces, a professional will have a reasonable impression of the integrity of the system, just through a visual inspection.

What the inspector is looking for, is building code compliance. All WETT certification standards are based on the National Building Code, primarily the B365 portion thereof, which deals with solid fuel appliances. There is no conspiracy between insurance companies and inspectors, attempting to separate you from your hard-earned cash. There is simply a system of checks

and balances that has been established for the purpose of conforming to the National Building Code. This code is designed to provide a high standard of building practices that will keep you and your family safe.

Insurance companies have a vested interest in your safety as well, and they are generally quite interested in helping prevent your house from catching on fire!

One of the most common deficiencies in a wood or pellet stove installation, is inadequate clearance to combustibles. Each certified wood or pellet appliance has a label on the back, which contains specifications based on tests performed in the certification lab. The specifications are indicated on the label, (see next page) including hearth pad (floor covering) dimensions and type, as well as proximity of the appliance to combustible walls and ceiling.

These clearances are very important to maintain, in order to have a safe installation that will keep you and your family warm for many winters to come. A properly installed solid fuel heating system, operated as intended with dry fuel, is a very safe way to heat your home.



Intertek
 (Factory Number: 607286)
 Issued by Intertek on 2013
 Customer Satisfaction 3 to 5 (2013)
 (Website: www.intertek.com)

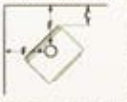
LISTED SOLID FUEL BURNING APPLIANCE
 POËLE À COMBUSTIBLE SOLIDE HOMOLOGUÉE
 MODEL / MODÈLE :

Serial Number / No. de Série:

Clearances to combustibles / Déagements aux combustibles



Single wall connector / Tuyau à paroi simple		Double wall connector / Tuyau à paroi double	
0 12 in./305 mm	1200 mm	0 6 in./152 mm	152 mm
0 14 in./355 mm	1410 mm	0 8 in./203 mm	203 mm
0 16 in./406 mm	1610 mm	0 10 in./254 mm	254 mm
0 18 in./457 mm	1810 mm	0 12 in./305 mm	305 mm
0 20 in./508 mm	2010 mm	0 14 in./355 mm	355 mm
0 22 in./559 mm	2210 mm	0 16 in./406 mm	406 mm
0 24 in./610 mm	2410 mm	0 18 in./457 mm	457 mm
0 26 in./660 mm	2610 mm	0 20 in./508 mm	508 mm
0 28 in./711 mm	2810 mm	0 22 in./559 mm	559 mm



Single wall connector / Tuyau à paroi simple		Double wall connector / Tuyau à paroi double	
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PREVENT HOUSE FIRES
 Install and use only in accordance with the manufacturer's installation and operating instructions.
 Contact local building or fire officials about restrictions and installation inspection in your area.

Use listed ETL only 18 in. diameter single or double wall connectors with perforated/Aluminex approved UA 143 XT (UL) and UAC M29 (CAN) valves for solid fuels or wood masonry chimneys.

Use local building codes and manufacturer's instructions for procedures required for passing a chimney through a combustible wall or ceiling.

Do not connect this unit to a chimney serving another appliance.
 Do not use wet/damp fuel only. Do not use other fuels.
 Operate only with door closed. Open door to feed the unit.
 Do not obstruct the space underneath the stove.
 Do not use grease or alcohol fuel. Build fire directly on hearth.

Do not operate if heater or chimney connector glass, who are cracking, spalling and clear-chimney frequently. Under operate condition of any cracks/heater may occur rapidly.
 Replace glass with ceramic type only.

Install unit on a non-combustible material extending as shown above on this label.
 Suitable for mobile home installation.

Combustion air openings shall not be obstructed.
 The wood heater needs periodic inspection and repair for proper operation. Consult the owner's manual for further information. If required, US federal regulations to operate this wood heater in a manner inconsistent with the operating instructions in the owner's manual.

PRÉVENEZ LES INCENDIES

Installer et utiliser conformément au manuel d'installation du fabricant.
 Contacter les autorités de votre localité pour connaître les restrictions et l'inspection de l'installation.

Utiliser uniquement les unités de diamètre simple ou double homologuées UA 143 XT (UL) et UAC M29 (CAN) pour utiliser au bois ou une cheminée de maçonnerie existante.

Utiliser les codes locaux et les instructions de l'utilisateur du fabricant pour passer la cheminée à travers un mur ou un plafond combustible.

Né pas connecter cet appareil à une cheminée desservant un autre appareil.
 Ne pas utiliser de bois humide ou de combustibles autres que ceux autorisés.
 Ne pas utiliser d'autres combustibles.

Ne pas laisser la porte ou le tiroir de chargement.
 Ne pas entretenir avec l'appareil.
 Ne pas obstruer les grilles ou les ouvertures par lesquelles le feu pénètre et les débris sortent.

Ne pas utiliser si l'appareil ou les vitres rouges, qui se fissurent, se détachent et se décollent fréquemment. Sous opération, l'appareil peut se fissurer rapidement.

Remplacer les vitres seulement avec un verre de céramique.
 Installer l'unité sur une surface non combustible tel que indiqué sur l'étiquette.
 Convient pour l'installation mobile.

Les ouvertures d'air de combustion ne doivent pas être obstruées.
 Le poêle à bois nécessite une inspection et réparations périodiques. Consulter le manuel de l'utilisateur pour plus d'information. Si nécessaire, les règlements fédéraux des États-Unis pour l'opération de ce poêle à bois peuvent être en conflit avec les instructions d'utilisation dans le manuel de l'utilisateur.

Optional blower (UL10, ULRA, ULRS, ULR2000) / Option ventilateur (UL10, ULRA, ULRS, ULR2000)
 is a INTERNATIONAL PROTECTION AGENCY Certified to comply with UL218 particulate emission standards. Not approved for sale after May 15, 2010.
 AGENCE DE PROTECTION DE L'ENVIRONNEMENT (UL) is a Conforme aux normes d'émission de particules de 2010. Ne peut pas être vendu après le 15 mai 2010.
 (Weighted average emission rate / Moyenne pondérée des émissions: 4.8 g/h)
 When tested in accordance with L'essai selon la norme: EPA Method 28 & Method 63



CAUTION

- HOT WHILE IN OPERATION.
- DO NOT TOUCH. KEEP CHILDREN, CLOTHING AND FURNITURE AWAY.
- CONTACT MAY CAUSE SKIN BURNS. SEE NAME-PLATE AND INSTRUCTIONS.

ATTENTION

- CHAUD EN FONCTIONNEMENT.
- NE PAS TOUCHER. GARDER LES ENFANTS, LES VÊTEMENTS ET LES MEUBLES ÉLOIGNÉS.
- UN CONTACT AVEC LA PEAU PEUT OCCASIONNER DES BRÛLURES. VOIR LES INSTRUCTIONS.

Made in St-Augustin-de-Desmaures (QC), Canada
 25/04/2018 (# 443790)

Fabrizado à St-Augustin-de-Desmaures (QC), Canada
 25/04/2018 (# 443790)

01/10

Each certified wood or pellet appliance has a label that contains specifications based on tests performed in the certification lab.

"A properly installed solid fuel heating system...is a very safe way to heat your home."

I hope this gives you some peace of mind regarding safely heating your home with a solid fuel stove or fireplace. Now it's time to educate you on the process, so you can make an informed decision.