



# VILLAGE OF VALEMOUNT WOOD STOVE EXCHANGE PROGRAM

## BURN SMART TIPS

### PREPARING YOUR WOOD

- Burn dry, seasoned hardwood. Burning “green” or wet wood produces significantly more smoke. Firewood should be seasoned for at least six months. **Burning seasoned wood also saves money by reducing your wood consumption by 25%.** Properly seasoned wood permits more heat and emits less smoke.
- Split wood into pieces that are 10-15cm (4-6in) in diameter. Fires burn better with more wood surface area exposed to the flame.
- Cut your wood three inches shorter than the firebox width or length. The smaller it is, the quicker the wood will dry.
- Cut, split and stack the wood in early spring and store it sheltered from the rain and snow.
- Store wood outside, off the ground and covered but open on 3 sides to allow airflow. Bring it into your home in small amounts as needed. Green wood stored indoors can increase humidity and lead to mold growth, which may trigger allergic reactions and asthma attacks.
- Use a moisture meter to check that wood has a moisture content of 20% or less

### BURNING YOUR WOOD

- Burn small, hot fires – they produce much less smoke than those left to smolder. Don't over fill your stove or leave it burning unattended
- Use small pieces of wood kindling to start your fire. Add larger pieces of wood as required.
- Keep the damper open to increase air circulation and improve burning. **When you see heavy smoke coming from your chimney, it's a sign of oxygen starvation and incomplete burning.**
- Do not dampen or hold your fire overnight. This creates excessive emissions and promotes the formation of creosote in your chimney.

### NEVER BURN...

- Never burn garbage, plastics, cardboard or styrofoam. Burning garbage releases poisons.
- Never burn wood that has been taken from salt water. Chlorine combines with the smoke to produce dioxins and furans, which are dangerous carcinogens.
- Never burn pressure-treated or painted wood, particleboard or plywood. Wood treated with varnishes and sealants, or sprayed with pesticides, contain toxic chemicals.
- Never burn during times of poor air quality. When the air is still, temperature inversions trap wood smoke and other pollutants close to the ground. If possible, avoid using your wood stove or fireplace on hazy or foggy, windless days and nights.

### MAINTAINING YOUR WOOD STOVE AND HOME

- Have your wood-burning appliance inspected and cleaned at least once a year by a technician certified under WETBC (Wood Energy Technicians of BC).
- Burn only 100% untreated wood or manufactured fireplace logs.
- Keep your stove pipe and chimney clean. Empty ashes from your wood stove and fireplaces frequently.
- Install a carbon monoxide detector in your home and attached garage to monitor CO levels.
- Reduce your heating needs by making your house more energy efficient.

## Buying a wood stove?

- Consider a high-efficiency wood stove, fireplace or insert that is certified as CSA B-415 or US EPA certified, and have it professionally installed. **High-efficiency wood-burning appliances can cut emissions by up to 90 percent and burn up to a third less fuel.**
- Participate in the Wood Stove Exchange Program. Details below!

### Rebates

Rebates will cover the cost of the appliance and any additional costs (installation, materials etc.) to a maximum of the following:

- **Non EPA/CSA certified wood stove to CSA/EPA certified wood stove replacement - \$1,250**
- **EPA/CSA certified appliance (more than 5 years old) to a alternative heat source replacement - \$2,500**
- **Non EPA/CSA certified stove to alternative heat source replacement - \$2,500**
- **Non EPA/CSA certified stove (used as a secondary heat source) replacement - \$1000**

Each replacement is eligible for an additional \$130 (maximum) towards permit/inspection fees.

### **Appliances eligible for replacement**

- Free-standing non-EPA/CSA certified wood stove or EPA/CSA certified wood stove more than 5 years old.
- A EPA/CSA certified (more than 5 years old) or non-EPA/CSA certified “wood furnace” (ducted, forced-air, home-heating appliance).
- A wood-burning cook stove
- An “airtight” non-EPA/CSA certified fireplace insert or tube-type heat exchanger with a face plate and door (like the ‘Free Heat Machine’ or Welenco) that is installed in an open-hearth fireplace
- Homemade stove
- Barrel stove

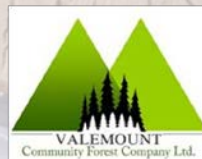
### **How to apply?**

Please visit the Village website at [www.valemount.ca/grants](http://www.valemount.ca/grants) for an application and more information on the program. Please read the full program details and submit an application before completing your replacement.

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**VALEMOUNT**

*Let the mountains move you*

**For more information:**

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