

Automated Wood Pellet Boilers & Furnaces

A consumer's guide to central pellet heating systems

Efficiency Vermont

Heating with wood pellets isn't just for stoves

Central wood pellet boilers and furnaces are used to heat homes and businesses with all the comfort people have come to expect from their traditional fossil fuel heat source. And unlike a pellet stove, these systems provide convenient and comfortable whole-building heating and you never have to touch a bag of pellets.

Stay warm,
save money,
and heat local!

Why would I want one?

- **Save on heating costs.** Vermonters who make the switch to wood pellet fuel stabilize and often significantly lower their heating fuel costs over time.
- **Hands free and simple.** Automated fuel feed systems make wood pellet heating systems as easy to use as traditional fuel types.
- **Bulk pellet delivery is offered all over Vermont.** Pellets can be delivered to you the same way as propane and oil.
- **Cleaner and greener.** Wood pellets are a sustainable, renewable, and low carbon fuel source. They are also safe to transport and store.
- **Financing and rebates.** Rebates of up to \$6,000 per unit plus low interest financing are available.*
- **Heating local, creates local jobs.** Wood pellet production and delivery supports Vermont job growth. Wood pellets are made and sold in locations throughout Vermont, so heating dollars stay in Vermont.

A few things to know...

Make room for pellet storage space. Hoppers that store the pellets can be located outside your home, or in the basement near your system. Bulk pellets will likely take up more space than oil or propane.

Ash bins must be emptied. Usually you'll need to empty the bin 3-5 times during the heating season. Because wood ash consists of naturally occurring minerals, it can be safely spread on lawns, gardens, and wooded areas.



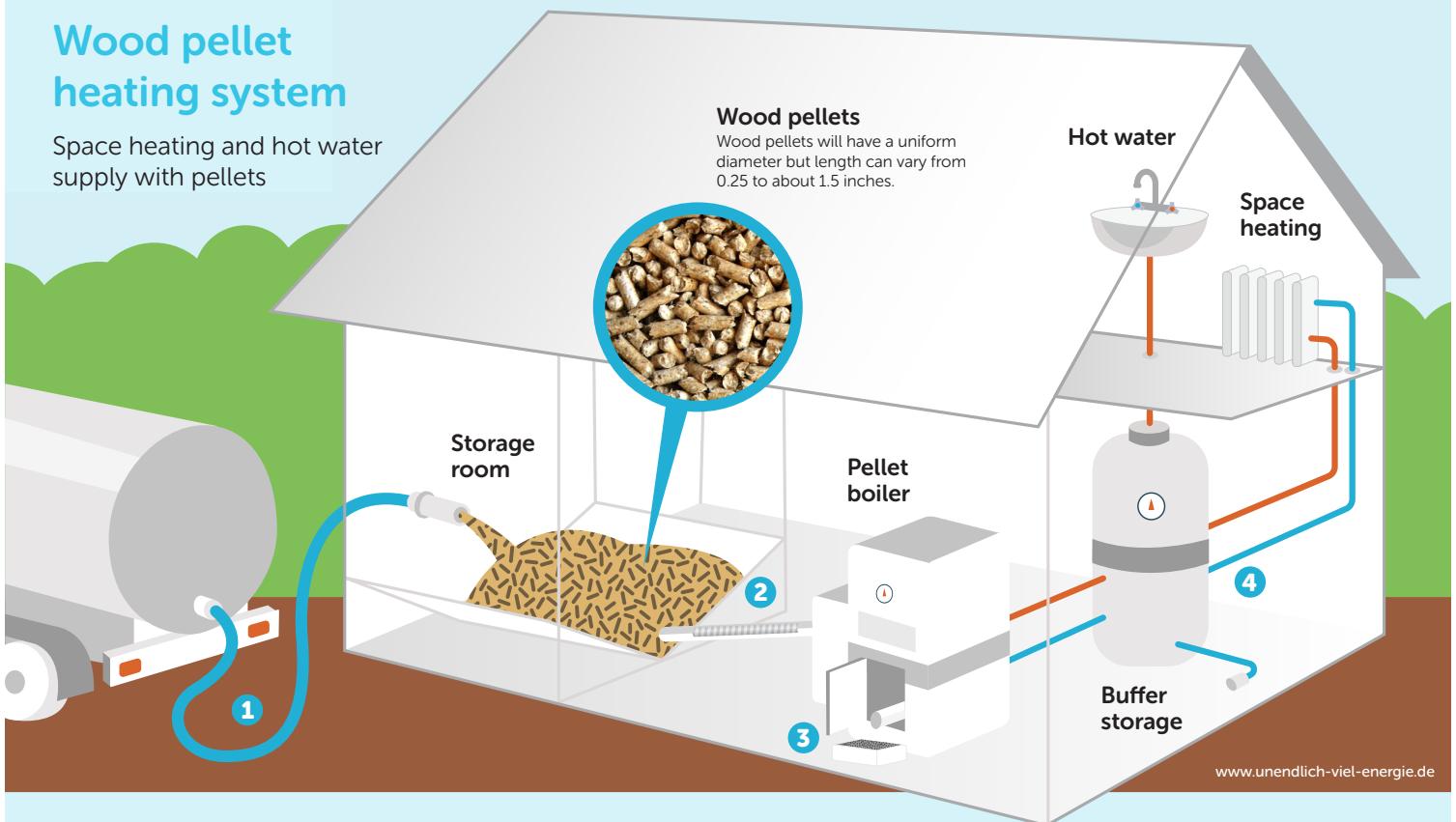
*Qualifying equipment is eligible for a \$3,000 Efficiency Vermont rebate issued directly to the recipient, and a \$3,000 Small Scale Renewable Energy Incentive Program incentive from the Department of Public Service's Clean Energy Development Fund will be issued directly to the installer.

Wood pellet heating system

Space heating and hot water supply with pellets

Wood pellets

Wood pellets will have a uniform diameter but length can vary from 0.25 to about 1.5 inches.



www.unendlich-viel-energie.de

1

Once or twice a year the pellets are delivered by a tanker truck. A loaded storage room of around 50 square feet is enough to keep a single-family house warm for one year.

2

The pellets are carried from the storage room to the boiler by a fully automatic pellet feed.

3

2 to 3 times a year, a small ash bin needs to be emptied. This takes about 5 minutes.

4

A buffer tank stores the hot water made by the boiler. This hot water is then used as needed for domestic use and to heat the building.

Ready to take the next step toward a sustainable, local heating option?

We can help you determine if a central wood pellet boiler or furnace makes sense for your home or business, walk you through rebates and financing, and connect you with a qualified contractor.



Call us at **888-921-5990**
or visit www.efficiencyvermont.com

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