



Professional design, installation and service of alternative heating systems to eliminate oil consumption

reVision heat's Boiler Optimization Service

Did you know that you can reduce your consumption of oil by having **reVision heat** optimize your boiler instead of having it simply cleaned? By signing up for **reVision heat's** optimization service we'll not only clean your boiler, but we'll make sure your mechanical systems are working as efficiently as possible.

The average boiler is twice as big as it needs to be. Boilers that are too big operate like someone driving a car with one foot on the gas and one foot on the brake. Start. Stop. Start. Stop. Does your boiler operate this way? A properly sized boiler runs with nice long even runs.

Let the technicians at **reVision heat** help your boiler run smaller! How? By reducing the size of the nozzle in your boiler, we limit the amount of oil into the boiler. In doing this, we help your boiler run longer, but at a lower output. The other effect that this has on the boiler is that the flue gases exit the boiler colder, as the same amount of heat exchange surface is being used to remove the heat from a smaller fire. Colder flue gases **mean more heat into your house and less up your chimney.**

While we're cleaning the boiler, our technicians will be able to recommend other potential upgrades as well as answer questions you have about how to get the most out of your heating system. We're here to help you down the road off of oil!

It takes 18 minutes of firing before a boiler hits its peak efficiency

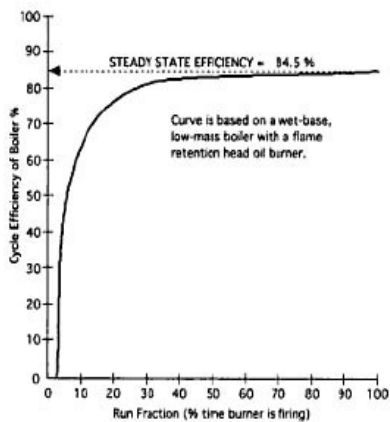


Figure 3-23 Cycle efficiency of a boiler versus run fraction. Data source: Brookhaven National Laboratory.

The closer your boiler is to the load of the house, the more efficient it is.

Boiler capacity Design heating load	Seasonal boiler efficiency
1.0	68 %
1.5	58 %
2.0	50 %
2.5	45 %
3.0	39 %

Figure 3-24 Decreasing seasonal efficiency as boiler capacity is increased relative to the design heating load. Data is based on a boiler with cycle efficiency described by Figure 3-23, located in a building in Syracuse, New York.

Supplying all the elements of heating technology: system design, equipment, installation, maintenance, and support
"Your Partner on the Road off Oil"

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 (207) 989-8500

109 Fox Street, Portland 04101
 (207) 221-5677

www.revisionheat.com



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*Let the Technicians
from reVision heat
Optimize your boiler.
Not just clean it!*

How much does it cost?

reVision heat's boiler optimization service costs only \$269-299*. This includes running a baseline efficiency test, thoroughly cleaning your heating system, tuning the system using efficiency analyzers, lowering the burner firing rate, optimizing the unit's performance and reducing fuel consumption. Also included is a worry-free annual maintenance agreement, which includes 24/7 emergency service and discounts on labor and parts.

*Price is dependent upon your location. In rare circumstances, additional hourly charges may apply if boiler has been neglected or not maintained for extended periods, has rusted or frozen on parts, or is inaccessible due to excessive clutter.

How much will it save?

In most houses, boiler optimization can reduce fuel usage by 5-10%. At today's oil prices, reduced fuel bills will typically pay for the added cost of the optimization service in less than one heating season! In many cases, we'll be able to recommend other improvements with additional savings.

Can we down-fire every boiler?

We can down fire most boilers up to 25%. We are careful to measure your home's heating demands and put a nozzle in your oil burner that will be large enough to heat your home on the coldest day of the year. We also perform baseline and post down fire efficiency testing to ensure that the flue gases are warm enough to exit the chimney before the gases condense.

Warranty.

reVision heat stands by its work, and will warrant the workmanship of its boiler optimization service for 30 days. reVision heat will provide you with 24/7 boiler service to ensure that your boiler continues to operate properly.

So What Are You Waiting For? Start Saving Today!

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