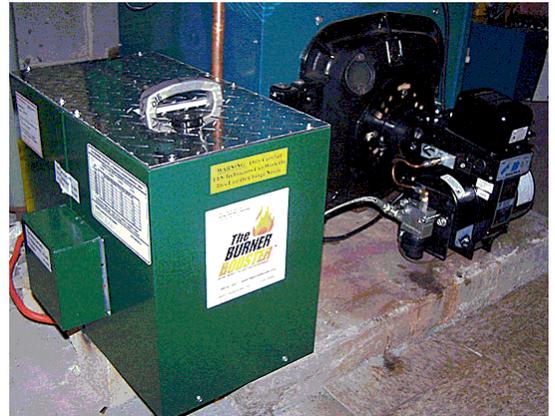


From Nelson and Small, Inc.

New and proven technology has just come to market that provides a 25-35% savings for conventional oil burning furnaces and boilers.

Massachusetts based Energy Efficiency Systems (EES) of Holliston, MA has invented a burner system that changes the economics of heating with oil and the technology has been proven over the past 2 years with rigorous field tests in live sites. Now this technology is available through Nelson and Small, Inc. and will be available through local dealers once those dealers have obtained the required certifications to specify, install and maintain these high performance systems.



In addition to reducing oil use even for the most efficient heating systems, **the Burner Booster™** reduces emissions, reduces exhaust temperatures, reduces the cost and frequency of maintenance and is capable of efficiently burning lesser grades of oil fuel, further reducing your heating costs.



Average reductions in emissions (13 live test sites) as tested include:

- Carbon Monoxide (CO) – 90%
- Carbon Dioxide (CO<sub>2</sub>) – 39%
- Sulfur Dioxide (SO<sub>2</sub>) – 57%
- Sulfur Monoxide (SO) – 91%
- Nitrogen Oxides (NOX) – 49%

While many facilities with access to Natural Gas have benefited from converting their systems away from oil, this is not the option for most of New England. In those markets where gas is unavailable it now makes sense to dramatically improve the efficiency of the oil plant.

The Burner Booster System's innovative technology turns what is normally a spray of oil droplets, into a fine gaseous mist. This gaseous mist has more surface area than the droplets, which results in a superior air-to-fuel combustion mixture (produces more heat and less pollutants), creating a cleaner, more complete burn. What is normally produced as soot and harmful waste gas emissions is now turned into heat. The Burner Booster equipped heating system uses, on average, 25% - 35% less oil to produce the same amount of heat. The Burner Booster's patented technology combined with the latest in nozzle technology creates a fresh way of thinking about oil burner systems.

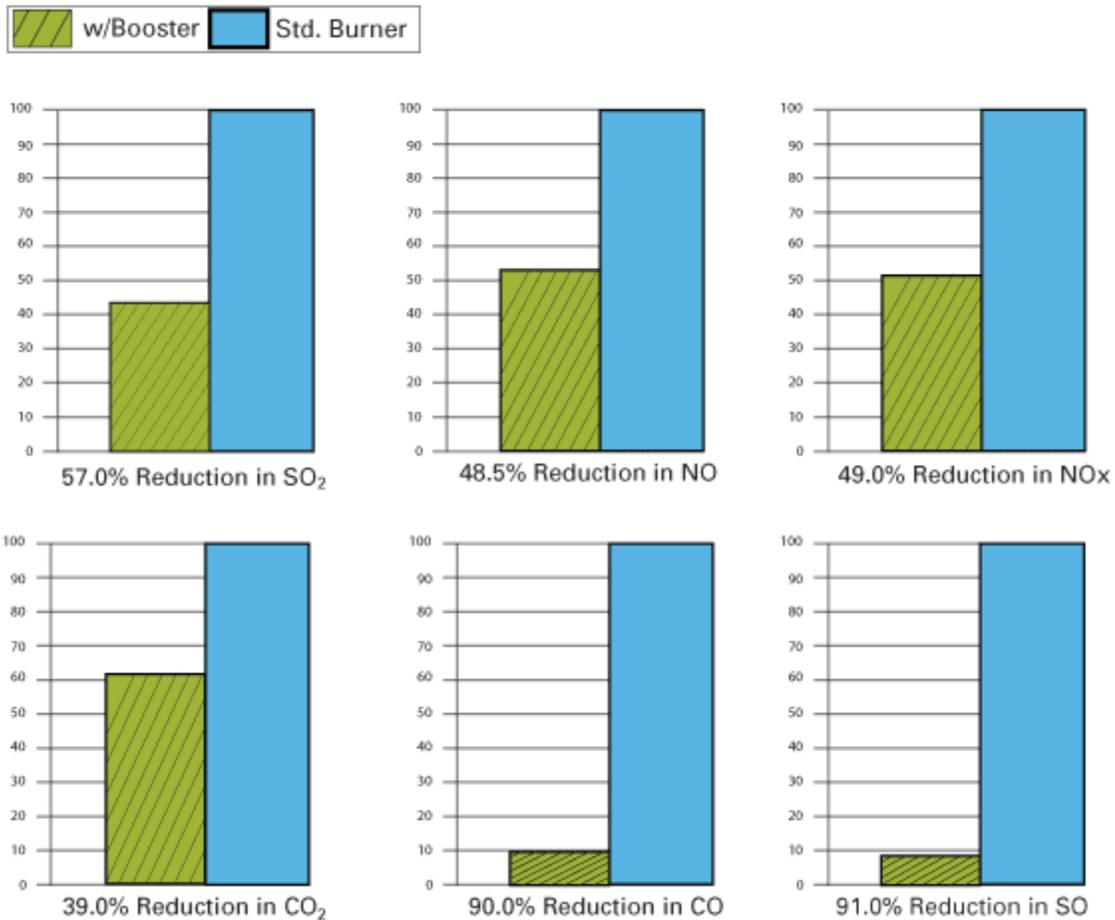
The tested range of oil savings, combustion efficiency, and emission reductions have been verified by rigorous review, including a battery of tests conducted by *Worcester Polytechnic Institute's Fire Science Laboratory* in Worcester, Massachusetts, a nationally-recognized air quality testing company and a well-known burner manufacturer.

## COST OF OIL REDUCED

The money savings are dramatic and only increase with the amount of oil that your facility is burning for heat each winter. In the example below the assumption is of a facility that burns 2400 gallons of oil per year.

Oil (price per gallon)	Standard Burner Average Yearly Cost of Oil	Burner Booster Average Yearly Cost of Oil	Burner Booster Average Yearly Savings	Burner Booster Average Payback (Years)
\$2.60	\$6,240	\$4,368	\$1,872	3.2
\$2.90	\$6,960	\$4,872	\$2,088	2.8
\$3.10	\$7,440	\$5,208	\$2,180	2.6
\$4.00	\$9,600	\$6,720	\$2,880	2.0

## EMISSIONS REDUCED



## FUEL INJECTION FOR YOUR BURNER

### Oil Burner (Standard Technology)

Oil spray prior to ignition  
Oil used at a rate of 1.72 gph



Oil spray ignited  
1,700°F



**AS A RESULT:** Larger droplets within the mist burn less efficiently.

### Oil Burner with The Burner Booster Technology

**Same Heat using 38% less Oil**

Oil spray prior to ignition  
Oil used at a rate of 0.96 gph



Oil spray ignited  
1,700°F



**AS A RESULT:** Smaller droplets within the mist burn more efficiently.

Nelson and Small, Inc. has been providing world-class wholesale distribution throughout New England since 1936. With offices in Maine and New Hampshire, field sales representatives across the region and 24/7 technical support, Nelson and Small has built the reputation as the premier distributor of sustainable products covering the New England States. They can be reached at (800) 341-0780 for information on this and many other energy saving products.