



An Environmentally Friendly Company



Not just a burner of scrap, but of any dry organic material including: Oil, Coal, Gas and what you thought was scrap!

[www.MaineMicroFurnance.Com](http://www.MaineMicroFurnance.Com)



## Introductory

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### Welcome To Maine Micro Furnace

We invite you to browse over a few of the new and exciting developments in the world fashioned by a new and revolutionary state-of-the-art high temperature furnace.

- ▶ See emissions tailored to environmentally acceptable parameters, capable of change when needed.
- ▶ Watch the furnace change exhaust gases to satisfy new demands.
- ▶ Use fuel supplied from piles that are usually labeled scrap, tailings and refuse.



Unit Used For Early Testing Of Concept

These are only a few of the many extraordinary features of the Pribish Furnace, developed by Vincent R. Pribish of Maine Micro Furnace. Have a look at this publication, visit our web site and let us know how we can help you save money and move closer to an environmentally friendly future, today.

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## Overview

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### From Goals To Design

The Pribish Furnace will:

1. Eliminate or radically reduce the production of NO<sub>x</sub> compounds, of soot, and of CO<sub>2</sub> that is caused by the combustion of carbon centered fuels.
2. Achieve the goals mentioned above in a unit capable of maintaining a constant flame temperature approaching 4,500 degrees Fahrenheit.
3. Produce ions of pre-determined selection.
4. Minimize energy loss through the furnace walls.
5. Be able to regulate the temperature of exhaust gases.

## Overview

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A high percentage of the energy of combustion is in the form of electromagnetic radiation of frequencies above that of visible light, an absorber is needed, and it is controllable.

A “wall” in the form of a surrounding curtain of vapor, which allows for control over the furnace wall temperature and the number of carriers of generated energy.

The final insulation blanket minimizes heat loss.



Head Spaying Curtain

## Fuels For The Pribish Furnace

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### **Oil, Coal, Gas and What You Thought Was Scrap!**

Conventional or gas fuels will mimic the propane burns. So, methane, alcohol or bio mass deposits generating gas become sources of fuel for the Pribish Furnace.

Likewise, organic remains from poultry farms, including spent birds, from pig raising, cattle waste, stalks from corn plants, and other similar refuse, covers, coatings, shells from plants yielding coffee beans, tapioca and sugar plant remains, and become ideal fuel sources for the Pribish Furnace. In addition , to these fuel sources, coal, peat, sawdust and sludge are also ideal candidates for fuel usage, as well as any dry organic material.

What is significant, and common to any of the above fuel sources, is the ability to dry and to granulate the fuel source into the desired mesh size for burning purposes.

## Applications

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### Applications Arise From The Inherent Features Of The Furnace

1. Relative ease of construction
2. High density of energy generation
3. Mobility of units
4. Ease of coupling units
5. Small footprint
6. Control of energy output
7. Ability to use multiple coupled units
8. Ease of placement of units
9. Ability to add gases or powered substances to combustion process
10. Add what you have found and we have not mentioned.

### Practical Outcomes

1. Generation of electricity with a steam cycle or with use of enhanced exhaust stream
2. Localized small generation from local fuel sources
3. Centralized heat, electric, air conditioning for groups of users as house cluster, condominiums, single factory or cluster.
4. Using local waste as heat source
5. Desalinization
6. Greenhouse gardening
7. Elimination or reduction of nitrogen oxide, soot and carbon dioxide.

We invite you to fill in your expected Pribish Furnace uses as questions for us. Please visit our web site at [www.MaineMicroFurnace.com](http://www.MaineMicroFurnace.com) to send us an inquiry.



## The Future

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### Future Uses For The Pribish Furnace?

Are there future uses for the Pribish Furnace? Certainly, we can all peek into the land of tomorrow. Why not draw from oil-shale deposits without removing the shale and overbearing? It's been tried! However, it has not been tried with the Pribish Furnace heat source and imagination!

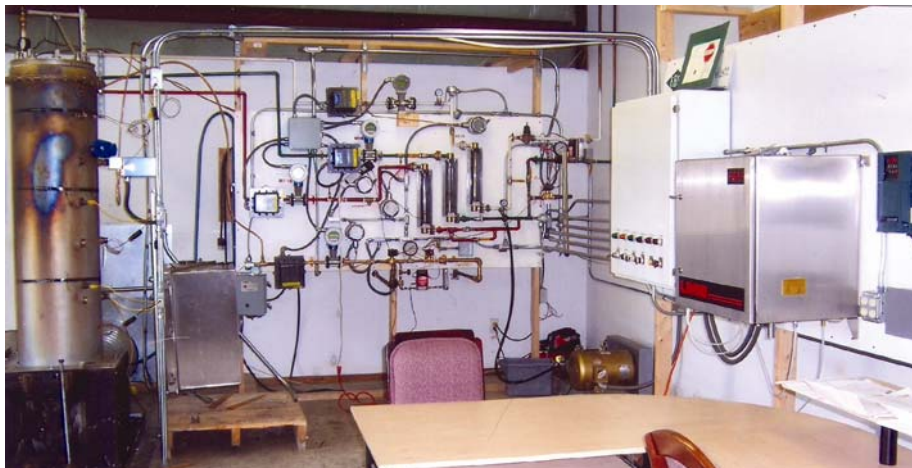
Or what about scrap from metal handling shops? This scrap is non-organic, but burnable and with no CO and CO<sub>2</sub> emissions!

Or carpet factories with trimmings having organic compounds which only break down to re-form other than organic compounds.

Or converting the Pribish Furnace into factories to produce compounds other than CO<sub>2</sub>, CO, NO<sub>x</sub>.

Or bringing utility systems into conformity with emission laws through coupling furnaces in lieu of ignition guns.

How far can you look into the future of the Pribish Furnace?



## Tax Credits & Energy Analysis

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### Use Of Pribish Furnace Can Lead To Both State & Federal Tax Credits

The use of the Pribish Furnace can lead to certain Income Tax credits both on the State and Federal levels.

The tax credits include having a project that is geared for the reduction or elimination of the following environmentally friendly goals:

1. The reduction or elimination of carbon dioxide emissions
2. The reduction or elimination of nitrogen oxide emissions
3. The use of certain scrap materials classified as renewable energy
4. Certain industrial scrap materials
5. In most cases, these credits are tradable and can be sold if not needed for a company's own tax return

We cannot define these credits until the use of the Pribish Furnace is declared and the type of fuel is decided. At that time, a legal opinion can be issued as to which tax credits may be applicable.

### Energy Analysis

We ask that you complete the "Energy Analysis" on the following page, and mail it to us at Maine Micro Furnace. We'll contact you after we review your information. For more information, you may visit us online at [www.MaineMicroFurnace.com](http://www.MaineMicroFurnace.com).

