

PRO SERIES FURNACE SPECS

MODEL	200	400
HEATING AREA	2,000 TO 4,000 SQ. FT	6,000 TO 8,000 SQ. FT
WIDTH	48"	49"
LENGTH	73"	81"
HEIGHT	81"	96"
SHIPPING WEIGHT	2,000 LB	2,700 LB
CHIMNEY SIZE	6"	8"
DOOR SIZE	18" x 18"	20" x 24"
FIREBOX VOLUME - W x H x L	23" x 22" x 31"	28" x 33" x 40"
WATER CAPACITY (U.S. GAL)	75 GAL	115 GAL
MAXIMUM LOG LENGTH	25"	32"
MAXIMUM LOG DIAMETER	16"	18"
LIMITED WARRANTY	10 YEARS	10 YEARS



HIGH EFFICIENCY CLEAN BURNING



PRO SERIES

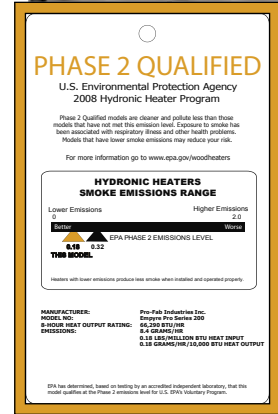
EPA PHASE 2 QUALIFIED WOOD FURNACE



up to
\$1,500.00
Energy Tax Credit

The Empyre Pro Series High Efficiency Wood Burning Furnace Qualifies

Leading the way in new high efficiency **CLEAN BURNING** technology to keep you warm!



EPA PHASE 2 WHITE TAG QUALIFIED

Manufacturer	Model Name & Number	Heat Output Rating	Efficiency	Heat Output Annual Average Emission Level	Highest Individual Test Run	Fuel Type
Pro-Fab Industries Inc.	Empyre Pro Series 200	66,290 BTU/hr	87.5% high heating value 77.2% low heating value	0.27 lbs/million BTU output	18.0 grams/hr	stick wood; batch load

up to
\$1,500.00
Energy Tax Credit

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Understanding the Testing Procedures:
 1 Is rated on an 8 hr burn time based on only 10 lbs of wood per cubic foot of firebox. For example our Empyre Pro Series 200 with a full firebox could have a rating of 110,000 BTU/hr and 230,000 BTU for maximum burn rate. (Maximum burn rate is not listed on the EPA chart).
 2 Efficiency is based on a weighted average of the 4 different tests the EPA conducts, not on the best test. The tax credit is based on the best test putting the Empyre Pro Series 200 at 82.6%.
 3 The number cannot be over .32 for the white tag qualification. The number is based on weighted averaging of 4 tests each with a different burn rate being representative of year round use.
 4 The number cannot be over 18 for the white tag qualification. The number is based on maximum burn rate test.
 5 Note the two fuel types for fair comparison of listings.
Note: The average homeowner loads twice per day.

Pro-Fab Industries Inc. is North America's leading designer and manufacturer of alternative energy heating systems committed to protecting our environment. The Pro-Fab family of furnaces and boilers incorporates state of the art engineering and technology, setting it apart from any other product line in the marketplace.

For reliable and efficient heat for your home or business, trust **PRO-FAB INDUSTRIES**.
888.933.4440
www.profabgroup.com



YOUR AUTHORIZED PRO-FAB DEALER

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Part No. 814827

PRO-FAB INDUSTRIES INC. www.profabgroup.com **888.933.4440**



FOR A CLEANER, MORE ECONOMICAL FUTURE

EMPYRE PRO SERIES. MORE FOR YOU. MORE FOR THE ENVIRONMENT.



The **EMPYRE PRO SERIES** is leading the way in new high efficiency clean burning heating technology. For you, this efficiency means savings all around. The Pro Series burns cordwood, a renewable resource and easily accessible in many areas; the Pro Series requires no splitting of wood. With the newly designed, smaller firebox requiring less wood, it maintains burn times comparable to conventional outdoor furnaces at the same heat output, leaving you with less work and more time.

Clean burning also means that the furnace does most of the work. Constant ash cleanup is virtually non-existent with the Pro Series. The built-in cleaning portals make brushing out fly ash from the fire chamber and flues a quick and simple process. The superior heat of the gasification process also eliminates creosote buildup in the chimney and reduces moisture in the unit, preventing rust.

Look for the white tag. The Phase 2 white tag identifies qualified furnaces under the EPA (Environmental Protection Agency) Hydronic Heater Program that will burn approximately 90% cleaner.

**GOOD FOR YOU.
GOOD FOR THE ENVIRONMENT.**



30% ENERGY TAX CREDIT NOW AVAILABLE!

A 30% tax credit, up to \$1,500.00, is being offered by the American Recovery and Reinvestment Act of 2009 to homeowners who make energy efficient home improvements during the 2009 and 2010 taxation year.

This tax credit is being offered by the IRS for the qualifying purchase and installment of your high efficiency biomass furnace that has a thermal efficiency rating of 75% as measured using a lower heating value.

REDUCE YOUR TAXES - DOLLAR FOR DOLLAR!

A tax credit is more valuable than a tax deduction, as it reduces the tax you pay, dollar for dollar. Claim your credit when filing your federal taxes for the 2009 and 2010 taxation year.

See your dealer for details, or visit www.irs.gov and follow the links.

EMPYRE PRO SERIES. HOW IT WORKS.

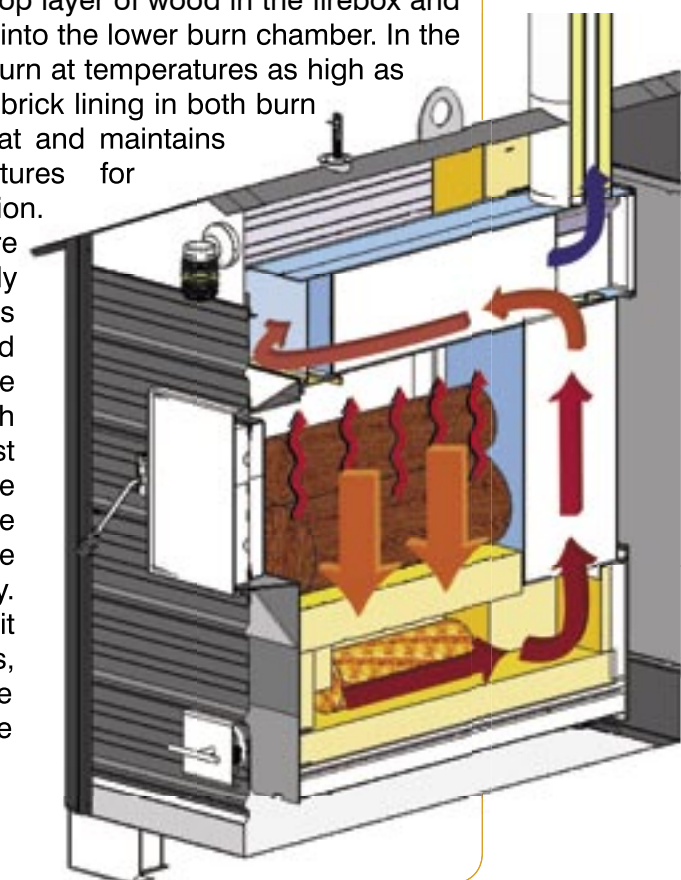
The **EMPYRE PRO SERIES** combines the simplicity and safety of a conventional furnace with the savings and technology of a high efficiency furnace to provide heat for your house, greenhouse, pool, shop or other buildings.

Heat from the Pro Series dual burn chamber is transferred to the furnace's built-in water jacket through a series of flues. This heated water is then plumbed to your home's heating system through underground insulated pipes. The Pro Series' full length back door allows for plenty of access which makes plumbing simple.

In a house, the heated water connects directly to the radiant or forced air heating system through a heat exchanger. Similarly, the Pro Series is capable of heating all domestic hot water through a sidearm heat exchanger installed on the hot water tank.

The **EMPYRE PRO SERIES** uses a process called wood gasification to produce highly efficient combustion in the furnace's dual burn chambers. Wood in the firebox burns from the bottom up, drying the top layer of wood in the firebox and forcing gases and exhaust into the lower burn chamber. In the lower chamber, all gases burn at temperatures as high as 2000°F (1093°C).* The fire brick lining in both burn chambers absorbs the heat and maintains burn chamber temperatures for consistent gas combustion. This high temperature gasification significantly lowers emissions, prevents creosote buildup, and minimizes ash buildup in the unit. After passing through the burn chamber, exhaust air escapes through multiple flues running through the water jacket, heating the water quickly and efficiently. The exhaust cools as it passes through the flues, and when it leaves the chimney, temperatures have fallen to 350°F (177°C).*

*varies based on fuel type, burn rate and other conditions



High efficiency means SAVINGS for you and savings for the environment.