TARM 2000 SERIES

HIGH EFFICIENCY WOOD BOILER

New Technology Brings Wood Burning into the Future

A process known as "Wood Gasification" makes this system the most efficient wood burner ever. This new generation of clean burning boilers is setting new standards for "user-friendliness". Fully automatic controls will accurately maintain your wood fire like never before—producing burn times as long as 24 hours!

The combustion system employed in the Tarm 2000 has solved most of the problems formerly associated with wood burning stoves and boilers. The 2000 "bakes" the load of wood in its main combustion chamber. It uses a whisper quiet blower to drive the combustible wood gases down through the wood embers and then through its high-temperature ceramic combustion chamber. This super-hot ceramic chamber ignites these gases and burns them completely leaving no tars or vapors (creosote!) to condense in the chimney. This burning can be very accurately controlled and it is therefore possible to maintain the boiler temperature needed to heat the home.
This wood-burning system is capable of turning on and off much like a conventional Oil or Gas boiler. It can actually "idle" for hours at a time; then spring to life when more heat is needed. An optional domestic hot water coil (household water) can provide plenty of low cost hot water for showers, laundry and other uses.

Proof Positive

When the 2000 series is burning there is NO VISIBLE SMOKE coming out of its chimney. No other manufacturer can make this claim!

Hot Water Heats Best

Experts agree, hot water (hydronic) heating is the most comfortable way to heat your home. A boiler surrounds you with a "warm all over" feeling while also elimininating the cool drafts and dusty conditions associated with warm air heat.

HS TARM

The Future of Fire

TARM 2000 SERIES

WOOD-FIRED GASIFICATION BOILERS

Construction

A commitment to quality is evident in the construction and finish of all HS TARM boilers.

All TARM 2000 models are constructed of 1/4" code-certified boiler-plate steel, and are available constructed and stamped in accordance with section IV of the ASME Boiler and Pressure Vessel Code. Doors are heavy cast-iron. The boiler jacket is heavily insulated and is finished in an attractive baked enamel.

Standard Equipment

- Boiler body, jacket and doors
- Cleaning tools
- Draft fan
- Control Aquastat
- Pressure Relief Valve
- Pressure-Temperature Gauge

Optional Equipment

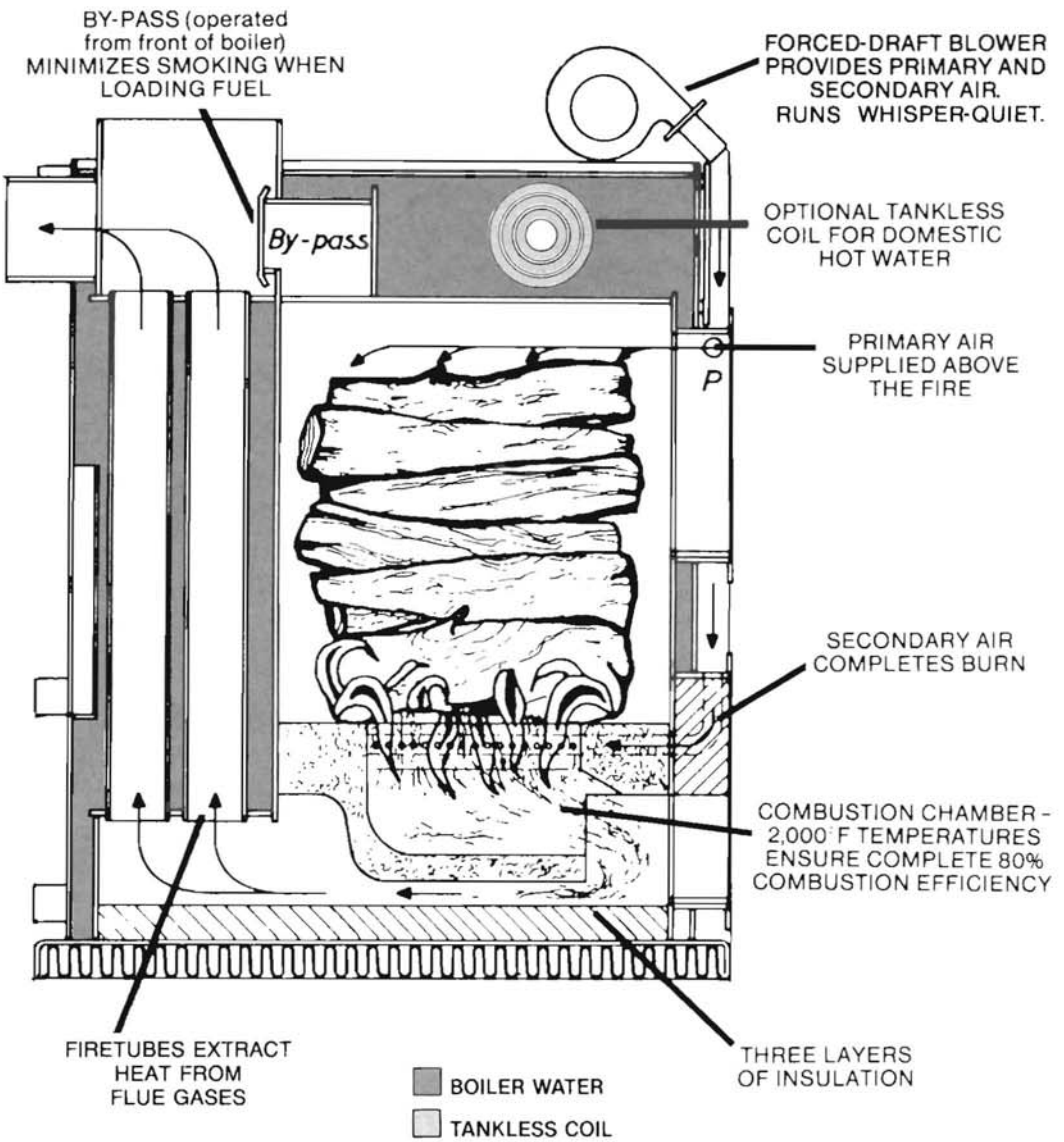
- Electric Backup Package
- Domestic Hot Water Coil

System Applications

- Baseboard Hot Water
- Radiant Floor
- Hot Air
- Add-On to Oil or Gas, or use as a Stand Alone Boiler

20 Year Warranty

Each HS TARM 2000 boiler is covered by our rock-solid 20 year limited warranty. A copy is available from Tarm USA, Inc. or your local dealer.



SPECIFICATIONS		TARM 2002	TARM 2004
Maximum Gross Output - Hard Wood	Btu/hr	102,500	140,000
Burn Time	hr	4.5	4.5
Minimum Gross Output - Hard Wood	Btu/hr	17,000	17,000
Burn Time	hr	26.5	26.5
Maximum Output with Six	Btu/hr	112,000	112,000
Electric Elements (5.5 kw each)	KW	33	33
Domestic Hot Water Output - Wood	GPM	2.2	2.8
Weight of Boiler Complete	lbs	1250	1350
Minimum Flue Size	in	8 x 8	8 x 8
Minimum Chimney Height	ft	15	15
Minimum Draft Required	in/WG	.05	.05
Water Volume	US Gal	41	53

DIMENSIONS		TARM 2002	TARM 2004
Boiler Body			
Width	in	21.0	25.4
Depth	in	38.5	38.5
Height	in	53.4	53.4
Firebox			
Length	in	21.5	21.5
Width	in	14.0	18.5
Height	in	23.0	23.0
Volume	cu ft	4	5.3
Height to Center of Flue	in	41.2	41.2
Flue Outlet	in	6	6