

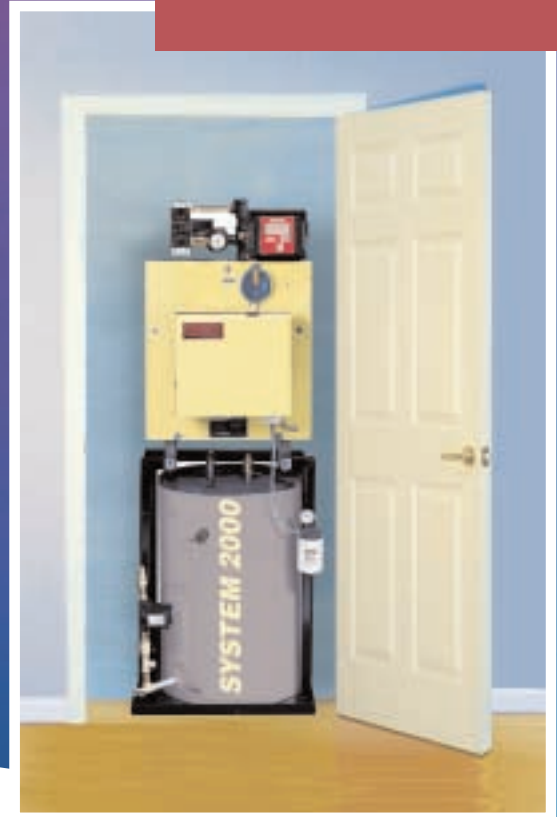
System 2000 is Energy Kinetics' hybrid heating system for every home!

EK1 and EK2
PRODUCT DATA SHEET

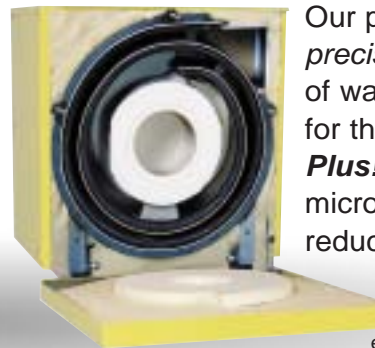
Oilheat!



EK2



There are models and sizes available for every installation and environment. Fits under stairs and inside small closets!



Our patented spiral boiler *precisely* controls the flow of water and flue gases for the best heat transfer. **Plus!** No pins, baffles or micro passages to foul and reduce efficiency over time.

Swing down door for easy service and cleaning!

- Exceptionally clean burning
- ASME certified construction
- 5 zone control
- Virtually unlimited hot water!
- Light weight
- 40 gallon Lo-Boy tank
- Easily piped to multiple zones
- Plus! Outside combustion air connection
- Cuts up to 40% off home heating bills!

It's got to be
**SYSTEM
2000**[®]

Call us today for
more information

800-661-0902
www.system2000.com

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MEA 140-03-E



System 2000 is an integrated heat and hot water system – makes both heat and hot water!

Homeowners enjoy economical heat, plus virtually endless hot water with lower energy costs. Plus, System 2000 delivers significant savings over electric or traditional hot water making methods, with whisper quiet operation!



No chimney needed! Ground level venting stays relatively cool!

POWER VENTING Homeowners who plan to save money by converting from expensive electric heat to oilheat often find themselves up against a brick wall: *the high cost of chimney construction.* But with System 2000's unique combustion chamber, combined with a 10 foot long flue passage, gases leave System 2000 clean, and relatively cool. So they can be vented *directly through-the-wall.* *No chimney is needed!* An excellent benefit for homeowners converting from electric heat, heat pumps or for new home construction. Power venting is the safest method of side wall venting and is a low cost alternative to chimney construction.

Features

Energy Converter

Features	Benefits
Chimney venting	Ideal for retrofit installations
Power vent chimneyless option available	Save thousands on chimney construction
10 feet forced counter flow passages	Maximum heat recovery
300° net stack temperature	As high as 87.9% efficiency
Water content: EK1 = 2.5 gal., EK2 = 4 gal.	Rapid heat up, cool down
Wet base design	Minimizes heat losses
High temperature ceramic combustion chamber	Incinerates fuel – clean, safe heat
Jacket & Insulation: EK1 90 lbs., EK2 110 lbs.	Minimize heat losses
Buried combustion	Quiet operation
3/16 th pressure vessel steel throughout	50% thicker than boiler tubes
ASME code construction	Carefully inspected, pressure tested
All welded and threaded connections	No gaskets to leak or service
Built in de-aerator	Eliminates air from system. No "gurgles"
Back cover removable	Easy to inspect and clean
Large open passages	Easy to inspect and clean
Standard burner and accessories	Serviceable with normal stock parts
Small size	Compact installations

Limited lifetime warranty/Option to transfer. Energy recovery standard on all systems.



Limited lifetime warranty on Digital Energy Manager and on ASME pressure vessels

SPECIFICATIONS: EK-1 FRONTIER

Input	Gross output	AFUE	Domestic Hot Water*
.68 GPH	83,000 BTU/HR	87.9%	170 Gal./Hr.
.74 GPH	90,000 BTU/HR	87.7%	180 Gal./Hr.
.85 GPH	104,000 BTU/HR	87.5%	162 Gal./Hr.
1.00 GPH	121,000 BTU/HR	86.2%	228 Gal./Hr.

Energy Converter Weight 270 lbs.

SPECIFICATIONS: EK-2 FRONTIER

Input	Gross output	AFUE	Domestic Hot Water*
1.20 GPH	147,000 BTU/HR	87.6%	293 Gal./Hr.
1.40 GPH	175,500 BTU/HR	87.0%	334 Gal./Hr.
1.60 GPH	190,500 BTU/HR	85.5%	368 Gal./Hr.
1.75 GPH	206,000 BTU/HR	84.0%	395 Gal./Hr.

Energy Converter Weight 350 lbs.

HOT WATER COSTS LESS THAN 1/3 THE COST OF AN ELECTRIC HOT WATER HEATER.

*Domestic hot water rating based on first hour draw with 77°F rise and 40 gallon tank.

Shown at right: Easy service compact Frontier, with 40 gallon Low-Boy tank and stand



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As an ENERGY STAR® Partner, Energy Kinetics has determined that this product meets ENERGY STAR guidelines for energy efficiency.
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