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

EK1 and EK2
(FRONTIER®)
PRODUCT DATA SHEET

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

Oilheat!

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
- Virtually unlimited hot showers!
- ASME certified construction
- Stackable model available
- 5 zone control
- Easily piped to multiple zones
- Plus! Outside combustion air connection
- Cuts up to 40% off home heating bills!
- Light weight construction

ENERGY
KINETICS®
Better heating. Bigger savings.

Call us today for
more information 800-661-0902
www.system2000.com

Accepted For Use City of New York Department of Buildings MEA 140-03-E
**System 2000 is an integrated system – makes both heat and hot water!**

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

**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.

**EK1 FRONTIER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Input</th>
<th>Gross output</th>
<th>AFUE</th>
<th>Domestic Hot Water*</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.68 GPH</td>
<td>83,000 BTU/HR</td>
<td>87.9%</td>
<td>170 Gal/HR.</td>
</tr>
<tr>
<td>0.74 GPH</td>
<td>90,000 BTU/HR</td>
<td>87.7%</td>
<td>180 Gal/HR.</td>
</tr>
<tr>
<td>0.85 GPH</td>
<td>104,000 BTU/HR</td>
<td>87.5%</td>
<td>202 Gal/HR.</td>
</tr>
<tr>
<td>1.00 GPH</td>
<td>121,000 BTU/HR</td>
<td>86.2%</td>
<td>228 Gal/HR.</td>
</tr>
</tbody>
</table>

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

Energy Converter Weight 270 lbs.

**EK2 FRONTIER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Input</th>
<th>Gross output</th>
<th>AFUE</th>
<th>Domestic Hot Water*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.20 GPH</td>
<td>147,000 BTU/HR</td>
<td>87.6%</td>
<td>293 Gal/HR.</td>
</tr>
<tr>
<td>1.40 GPH</td>
<td>175,500 BTU/HR</td>
<td>87.0%</td>
<td>334 Gal/HR.</td>
</tr>
<tr>
<td>1.60 GPH</td>
<td>190,500 BTU/HR</td>
<td>85.5%</td>
<td>368 Gal/HR.</td>
</tr>
<tr>
<td>1.75 GPH</td>
<td>206,000 BTU/HR</td>
<td>84.0%</td>
<td>395 Gal/HR.</td>
</tr>
</tbody>
</table>

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

Energy Converter Weight 350 lbs.