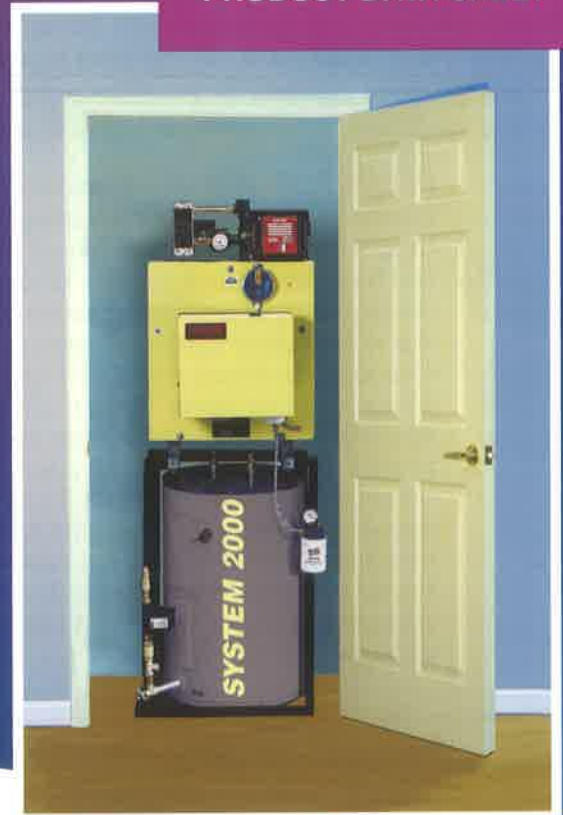


System 2000[®] is Energy Kinetics' hybrid heating system for every home!

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
- 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



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



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Department of Buildings MEA 140-03-E

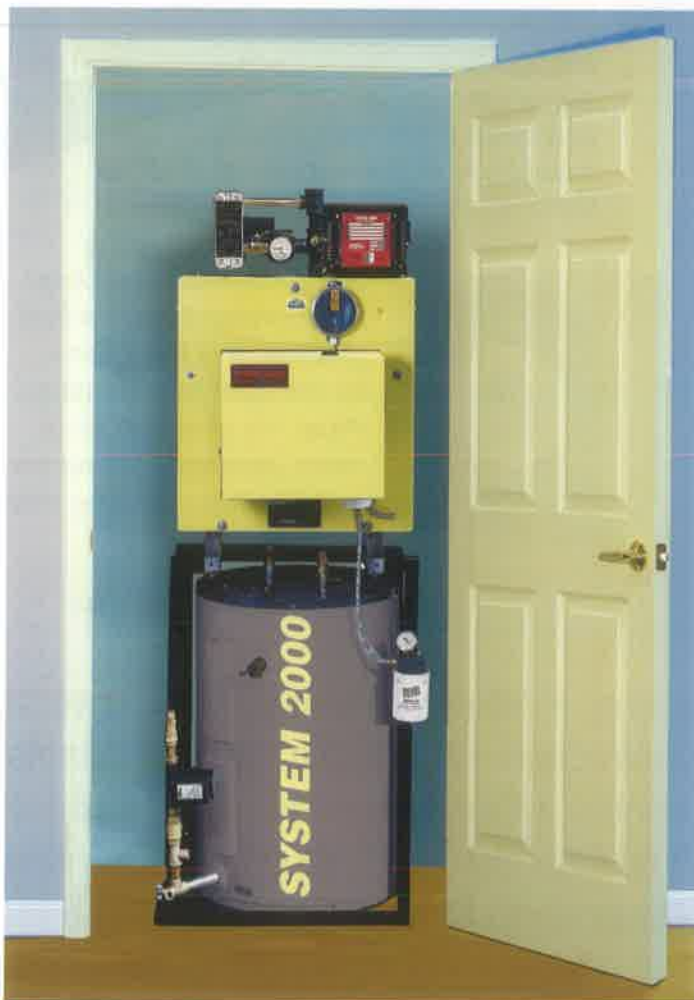
System 2000 is an integrated system – makes both heat and hot water!

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!



No chimney is 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.



Easy service compact oilheat EK1 Frontier, with 40 gallon low boy tank and stand

EK1 EK2 (FRONTIER)

Oilheat home heating systems

System 2000 Oilheat performance:
Lifetime limited warranty/option to transfer.
Energy recovery standard on all systems.

FEATURES	BENEFITS
10 feet forced counter flow passages	Maximum heat recovery
300° net stack temperature	Up to 87.9% efficiency
Water content: EK1= 2½ gal., EK2=4 gal.	Rapid heat up, cool down
Wet base design	Minimizes heat losses
High temperature combustion chamber	Incinerates fuel - clean, safe heat
Bioheat compatible	Works with renewable fuel standard
Jacket/insulation: EK1=90lbs., EK2=110 lbs.	Minimizes heat losses
Buried combustion	Quiet operation
3/16" pressure vessel steel throughout	50% thicker than boiler tubes
ASME code construction and Nat'l Board of Pressure Vessels registered	Carefully inspected, pressure tested, and certified
All welded and threaded connections	No gaskets to leak or service
Built-in dynamic air elimination	Eliminates air from system, no "gurgles"
Front cover swings down	Easy access to all components
Large open passages	Easy to clean and inspect
Standard burner and accessories	Serviceable with normal stock parts
Small size	Compact and stackable installations
Chimney venting	Ideal for retrofit installations
Power vent chimneyless option available	Save thousands on chimney construction

EK1 FRONTIER SPECIFICATIONS

Oilheat home heating system			Domestic Hot Water*
Input	Gross output	AFUE	
.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%	202 Gal./Hr.
1.00 GPH	121,000 BTU/HR	86.2%	228 Gal./Hr.

*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

Oilheat home heating system			Domestic Hot Water*
Input	Gross output	AFUE	
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.

*Domestic hot water rating based on first hour draw with 77°F rise and 40 gallon tank. Energy Converter Weight 350 lbs.



Lifetime limited warranty on Digital Energy Manager and ASME pressure vessels



Energy Kinetics is an ENERGY STAR® Partner and a leading manufacturer of ENERGY STAR heating equipment. ®The color yellow for heating boilers is a registered trademark of Energy Kinetics.

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51 Molasses Hill Road, Lebanon, New Jersey 08833

T: 800 323 2066 • F: 800 735 2068

visit: www.energykinetics.com

New Sizes
Available

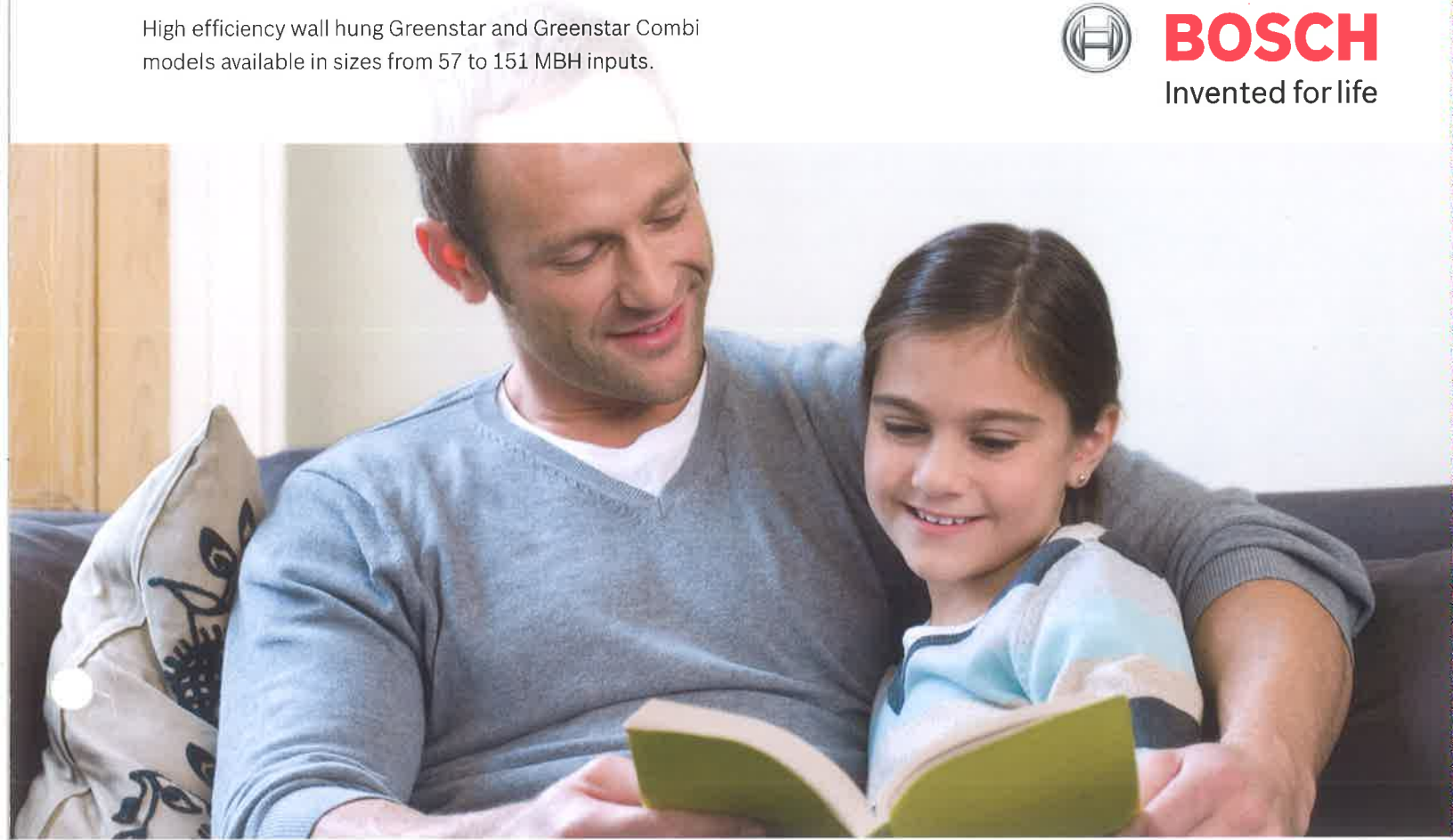
Greenstar Condensing Boiler

Efficient, Affordable, Home Comfort

High efficiency wall hung Greenstar and Greenstar Combi models available in sizes from 57 to 151 MBH inputs.



BOSCH
Invented for life



Upgrade to the latest, affordable heating technology.

The Greenstar boiler by Bosch is small in size but big in features. It is ultra quiet, space saving, environmentally friendly, uses modern condensing technology, and offers a superior industry warranty. All at a great price!

But more importantly it will keep your home warm and comfortable. The Greenstar is available in two models—combi for space and tankless water heating or the space heating model which can be used with our DHW tanks. The Greenstar is Bosch quality and innovation at its finest.

95%
AFUE



Features

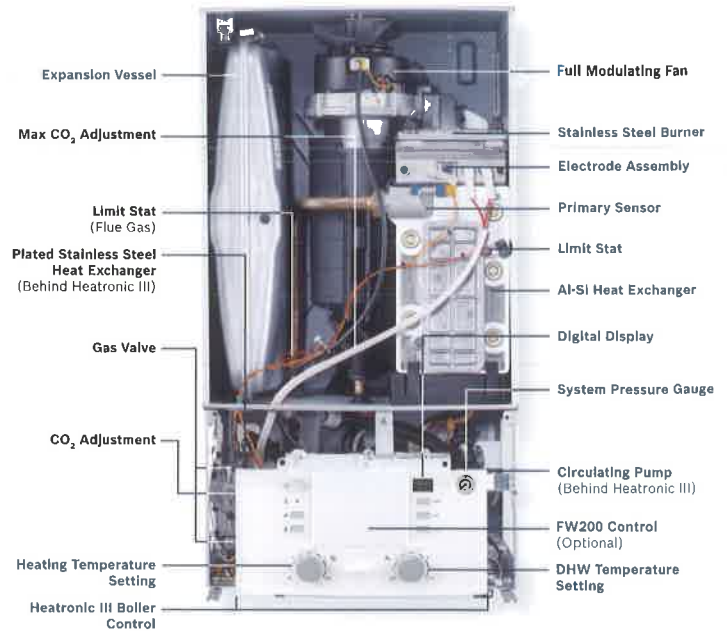
- ▶ Wall mounted—no floor space required
- ▶ Easy to install—hydronic manifold and integral pump make installation quick and easy
- ▶ Fully modulating fan with 5 to 1 turndown for optimal combustion efficiency
- ▶ Combi models provide space heating & tankless DHW flow rate up to 4 GPM
- ▶ Superior warranty—limited lifetime heat exchanger and 5-year parts & labor⁵



⁵ Copies of original warranties in their entirety are available at www.boschheatingandcooling.com

Greenstar Condensing Boiler

- ▶ Two Models—space heating only, or combi-boiler for space heating and up to 4 GPM of tankless water heating
- ▶ Ultra-efficient condensing technology—up to 98.7% with low temperature applications
- ▶ Vents with PVC, CPVC and PP piping
- ▶ Simple & intelligent control options available, optimizing boiler efficiency and fuel consumption
- ▶ All models feature ALSi heat exchanger, 3 speed Grundfos integrated pump, FW200 outdoor reset control, Heatronic III boiler control, hydronic manifold bracket, and twin pipe flue adapter
- ▶ 10-Year Full / Limited Lifetime Heat Exchanger Warranty and Limited 5-Year Parts & Labor Warranty[§]



	Heating & Tankless Hot Water				Heating*			
	Greenstar Combi 100	NEW Greenstar Combi 131	Greenstar Combi 151	Greenstar 57	NEW Greenstar 79**	Greenstar 100	Greenstar 131	Greenstar 151
Models	ZWB28-3	ZWB35-3	ZWB42-3	ZBR16-3	ZBR21-3	ZBR28-3	ZBR35-3	ZBR42-3
Part Number	7738100002	7738100256	7713331041	7712231416	7738100322	7712231415	7712231414	7712231413
Performance Specifications								
Fuel	NG / LP							
Input Maximum (MBH)	100.8	131.9	151.6	57.2	79.2	100.8	131.9	151.6
Input Minimum (MBH)	34.6	36.0	36.0	12.9	23.9	24.6	36.0	36.0
DOE Heating Capacity (MBH)	89.4	116.7	134.4	50.8	71	89.4	116.7	134.4
Net I=B=R (MBH)	79	103	117	45	62	79	103	117
AFUE	95%	95%	95%	95%	95%	95%	95%	95%
DHW Flow Max (ΔT at 72°F), GPM	2.65	3.2	4.0	not applicable				
Water Volume, Gal (L)	0.952 (3.5)							
Technical Data								
Weight, lbs (Without Packaging, kg)	110.2 (50)				103.6 (47)			
Dimensions, in (W x H x D)	17 ² / ₅ x 33 ¹ / ₂ x 13 ⁹ / ₁₀							
Minimum Recommended Pipe Size, in	1							
Supply Tappings, in	1							
Return Tappings, in	1							
Domestic Cold Water Supply, in	¾		¾	not applicable				
Domestic Hot Water Supply, in	¾		¾	not applicable				
Gas Connection Size, in	¾							
Vent Size, in	2 - 3							
Vent Material	PVC / CPVC / PP							
Combustion Air Size, in	2 - 3							
High Altitude Capability	No De-Rating up to 6,000'	No De-Rating up to 6,000'	De-Rating 3% per 1,000'	No De-Rating up to 6,000'	No De-Rating up to 6,000'	No De-Rating up to 6,000'	No De-Rating up to 6,000'	De-Rating up to 6,000' 3% per 1,000'
Gas Pressure Minimum inches water column	NG 3.5"							

*Heat only Greenstar models may be used with indirect water tanks to provide domestic hot water.

**Available late 2013

§Copies of original warranties in their entirety are available at www.boschheatingandcooling.com



Bosch Thermotechnology Corp.

Londonderry, NH • Ft. Lauderdale, FL
 General Inquiries: 1-866-330-2725
 Contractor Technical Support: 1-800-283-3787
www.boschheatingandcooling.com

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75S995006 9/2013



It's time to get comfortable.

LX Series Air Conditioners

Everyone wants time to relax and be comfortable. That's why we created LX Split System Air Conditioners, so you can take it easy when it comes to all the things you want out of a home comfort system. Things like dependable performance, energy efficiency and operating economy. As a result, there's no reason to sweat the details. And because it's built by York—the industry leader in innovative design—you know your system won't be down when you want some down time.



**LX SERIES
YGFJF MODEL
14.5 SEER**

Relax, we've got comfort under control.

With several affordable designs to choose from, it's easy to find the model that will keep your home cool, control humidity and maintain indoor air quality, even on summer's hottest days. And while you're feeling comfortable indoors, you'll also feel good knowing your system is using environmentally friendly R-410A refrigerant to protect the outdoors.

Save with ENERGY STAR® products.

York® air conditioners that meet or exceed U.S. Environmental Protection Agency energy efficiency standards of 14.5 SEER qualify as an ENERGY STAR® product. That means when you compare them with standard models, you'll find ENERGY STAR® products provide a higher level of efficiency, cutting electricity consumption and cost.



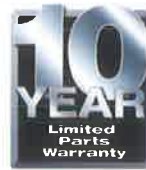
Feel good with the Good Housekeeping Seal.

York® products that bear the Good Housekeeping Seal give you the added assurance of product replacement or refund of the purchase price if the product proves to be defective within two years from the date sold by an authorized dealer.



Affordable peace of mind.

Select York® systems using R-410A include a 10-year limited warranty on the compressor and parts as standard coverage (when you register qualifying products online within 90 days of installation, otherwise the parts warranty reverts to a 5-year parts warranty). See your York® Dealer for details.



- Exceptionally quiet sound levels
- Attractive appearance
- Space-saving MicroChannel coil
- Trouble-free enclosed, permanently lubricated fan motor
- Environmentally friendly R-410A refrigerant
- Compact design saves space
- ENERGY STAR® qualified savings
- Ratings up to 16.5+ SEER when matched with variable-speed blower

Complete your home comfort system by asking your York® Dealer about ways to improve your indoor environment and protect your family's health with our indoor air quality options.



MODEL	DESCRIPTION	TONNAGE RANGE	REFRIGERANT	LIMITED WARRANTY
YCJF	14.5 SEER	1.5-5 Ton	R-410A	10-Year compressor/10-Year parts*

For additional product details, such as weight and dimensions, visit www.york.com or ask your York® Dealer.

* For 10-year limited parts warranty on R-410A models, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

Stay comfortable for years to come.

York is proud to offer the YorkCare™ Comfort Plan. It's designed to maintain your system as well as your peace of mind. With YorkCare™ you get total protection that ensures your unit is effective and efficient for years to come.

What's more, your York® Dealer offers maintenance agreements that provide upkeep while maximizing the warranty provisions. Ask about the YorkCare™ Comfort Plan. A little extra coverage is always a comforting idea.

Long story short—our history.

You may not know it, but York® products have been all around—from the world's most famous buildings, including the U.S. Capitol—to the entire U.S. Navy nuclear submarine fleet, as well as your local mall and corner bank. For over 135 years, the York® brand has earned trust as the first successful room air conditioner and for the world's first mechanically cooled theater, hotel and office building. Today, we're constantly leading the industry in our residential product design, signified by the Good Housekeeping Seal and ENERGY STAR® qualified products.



You can depend on York to give you the choices you trust for comfortable performance all day long, year after year. Want to know more? Contact your York® Dealer. They have over 135 years of innovation to tell you about.



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