



# Book of Accolades

eternal <sup>®</sup>  
ADVANCED HYBRID WATER HEATING



**“Eternal Hybrid  
is the Cadillac of  
water heaters.”**

- Garrett Brothers Luxury Homes





## **+** When we began research and development on the next big thing

in water heating, we knew we would be making a splash. What we didn't expect, was the size of the resulting waves. Since its unveiling, Eternal Condensing Hybrid™ has captivated. It is winning awards, garnering accolades, and receiving much due praise. After all, no matter the attention that Eternal Hybrid is given, providing you and yours instant, efficient and endless hot water is the best splash we could make.



Eternal Hybrid™ is the culmination of years in research, engineering, hard work, sweat, love, blood and tears. Creating the world's most advanced water heater has been all the satisfaction we need but we are not opposed to taking compliments. That being said, here are a few samples of what people are saying about us.



**“These things are just awesome! They’re animals! They do what they’re supposed to do, deliver hot water and at a constant pressure.”**

**–Ed Sanders**

**Extreme Makeover: Home Edition**



# SUPPLYHOUSE

MARCH 2010

# TIMES

## THE AIR SIDE

### The 2010 AHR Expo Part 1 — The Water Side?



by Jim Wheeler

▶ If you look at the heading of this column (above), you'll see that it is titled "The Air Side," because that's my area of expertise. However, since none of the traditional, large U.S. air-side HVAC equipment manufacturers were represented at this year's AHR Expo in Orlando, FL, it was largely a hydronics show.

It was an unusual exhibition that certainly reflected a down economy. And for the first hour after they opened the doors, I wondered if it was going to be a total flop, because there were so few people walking the aisles. But I guess this was due to the early morning rain, or perhaps most were sleeping in after a long night of seeing Orlando's many attractions. Because by noon everything became very crowded, staying that way throughout the next two days. And although we locals considered the weather quite chilly (highs in the low 60s), it was sunny most of the time and few heavy jackets were seen in the coatroom.

### This year's AHR Expo was largely a hydronics show.

Some products introduced there that I thought might interest you are listed below for your consideration:

■ Aquatherm's Green Polypropylene Water Pipe — a food-grade water pipe for almost all applications that is very freeze resistant, and uses a simple heat-sealing process to make firm, sure, permanent connections. See [www.aquathermpipe.com](http://www.aquathermpipe.com).

■ Eternal's Condensing Hybrid Water Heater — a wall-mounted domestic gas water heater. Why hybrid? Because it's a "tankless" water heater that includes a small tank. It features a high-efficiency condensing design and a modulating gas valve. However, its claim to fame is the fact that it has virtually no water-pressure loss, which is often a problem with tankless water heaters. See [www.eternalcondensed.com](http://www.eternalcondensed.com).

■ American Hometec's Electric Tankless Water Heater — a wall-mounted electric domestic water heater with a very unique internal design. To eliminate the problem of efficiency losses due to internal scale buildup, these folks employ quartz crystal heat-exchanger tubes that have a conductive outer coating, which does



Eternal's Condensing Hybrid Water Heater is wall-mounted.

the heating (no metal coils here), and the tubes carry a 15-year warranty. Their beautiful, thin-cabinet products come in point-of-use and whole-home sizes. See [www.americanhometec.com](http://www.americanhometec.com).

■ Rinnai's Wall-Mounted Condensing Boilers — to heat an entire home and to provide domestic hot water. Operating very quietly at up to a 96.5% AFUE efficiency, the condensing units use significantly less energy than traditional gas boilers. They offer maximum BTU inputs ranging from 75,000 to 205,000 and come with a variety of venting options: direct-vent ready, out-of-the-box or dual-pipe adaptor. See [www.rinnai.us](http://www.rinnai.us).

■ Bell & Gossett ecocirc®e3 Series Circulators — hot water circulating pumps for domestic use. Featuring an electronically commutated motor, these pumps are said to use 68% less energy (10 watts of power) than most standard pumps and can save an average family

# Connecticut COTTAGES & GARDENS

Westchester Cottages and Gardens

# WCG&G



PROJECT OF NOTE

## Green Warriors by Annette M. Rose-Shapiro

TIPS FROM ROBERT F. KENNEDY, JR. AND ROBIN WILSON ON GREENING YOUR HOME



**It's a Green Thing** | Robert F. Kennedy, Jr. and Robin Wilson, of Robin Wilson Home, offer advice on making homes safer, more fuel efficient and stylish, too. See Resources.



*Robin Wilson, eco-friendly design expert and author, details her experience helping environmentalist Robert F. Kennedy, Jr. rebuild his home to the highest green standards in her new book, Kennedy Green House. Designing an Eco-Healthy Home from the Foundation to the Furniture (Greenleaf Book Group, 2010).*



*description. The national the help of Green Designers, the Greenwich-based company with recycled components of distressed houses to wrap desks, manufacturers and developers. The Kennedys received a tax break for donating the proceeds to a Caroll-based nonprofit.*

**I**n 2001, the flooding of Robert F. Kennedy Jr.'s Mount Kisco, NY home turned into a larger problem when he offers to restore the existing black mold.

*ing rehabilitation costs. Richardson also had Robin Wilson, of Robin Wilson Home, who served sponsor for the project, showcasing their cutting-edge technology in the new home.*

**Heart of the Home** | Kennedy's kitchen (top) is an important family gathering place. The custom cabinetry is by Holiday Kitchens. The ECO by Cosentino countertops are made from recycled materials. All appliances are from Electrolux. **Fire Away** | Kennedy chose a hybrid gas/wood-burning Majestic Fireplace (above) for the living room. **New And Improved** | The new 8,700-square-foot home (below) on the site of the original house. See Resources.



Other green updates with money-saving benefits include adding more insulation to the attic, upgrading windows to prevent energy loss and installing a hybrid hot-water system such as Eternal Hot Water.

*to use an indoor grower for growing LED certified leaves or adding green houses." Kennedy's wife, architect Mary Richardson, who collaborated closely with the team of architects led by Brenda Wolfsturn, made sure that the old house was completely recycled after the*

*Richardson also had Robin Wilson, of Robin Wilson Home, who served sponsor for the project, showcasing their cutting-edge technology in the new home.*

# Commercial BUILDING PRODUCTS

SERVING ARCHITECTS, CONTRACTORS, AND OWNERS IN COMMERCIAL CONSTRUCTION



**MUST-SEE PRODUCTS**  
See page 59

## Hybrid water heater

Eternal condensing hybrid water heater has full-flow design and a stainless-steel heat exchanger with a built-in two-gallon reserve. The device is said to provide consistent hot water with good pressure for as many as five simultaneous applications. The unit can be wall mounted or floor standing with water connections on the top. A full-modulation infrared burner is dual activated by a thermostat or flow sensing. The water heater is available in 145,000 and 199,000 BTU sizes.



**Grand Hall**  
Dallas  
Circle 76 or visit [www.cbpmagazine.com](http://www.cbpmagazine.com)

VB Publication

DON'T MISS THE HOUSING LEADERSHIP SUMMIT. SEE PAGE 52

# Build

THE MAGAZINE OF THE NATIONAL ASSOCIATION

**A HOME FOR THE NEW ECONOMY**

**ADAPTABLE SUSTAINABLE BUILDABLE LIVABLE**

**PLUS 10 DRIVERS THAT WILL SHAPE HOME BUILDING**  
**STATE OF THE INDUSTRY SURVEY**  
**THE NEW AMERICAN HOME**  
**ECONOMIC FORECAST 2010**



## Eternally Yours

THE ETERNAL CONDENSING hybrid water heater comes in a small size but is powerful enough for home use. Featuring a stainless steel heat exchanger and a built-in two-gallon reserve, the unit combines the flow capacity of traditional tanks with the continuity of a tankless. An infrared burner is dual-activated by thermostat similar to a tank or by flow like a tankless. It can be vented with 2- or 3-inch PVC. ■ Cost: \$1,999 to \$2,699. Grand Hall, 877-934-7455. [www.eternalcondensed.com](http://www.eternalcondensed.com)

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**WATER HEATING SYSTEM SAVES ENERGY AND PROTECTS OUR ENVIRONMENT**

Eternal Condensing Hybrid combines the best of tank and tankless features in a compact, flexible unit. The all stainless steel heat exchanger is 98% efficient and integrates a two-gallon storage to provide immediate endless hot water with consistent pressure and easy recirculation. Contractor friendly design means fast and easy installation with wall or floor mounting, in or outdoor, power or direct vent conversions all in the same unit. Backed by a strong 20-year no-leak warranty for residential and 10-years for commercial applications. Visit [www.eternalwaterheater.com](http://www.eternalwaterheater.com) to learn more.



GRAND HALL USA, INC.  
[www.eternalwaterheater.com](http://www.eternalwaterheater.com)  
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**SHOW PREVIEW**

Guide to  
What's New at...

**AHR EXPO**

2010 Industry Forecast

January 2010  
vol. 11, no. 1

**News**  
& hydronic contractor news

Winter Olympics - In thermal like you've never

**Condensing hybrid water heater**

Using patented full-flow design and stainless steel heat exchanger with a built-in two-gallon reserve, Eternal Condensing Hybrid combines the flow capacity of



traditional tanks with the flow capacity of modern tankless units to supply consistent endless hot water with good pressure for up to five simultaneous applications. The reserve makes Eternal recirculation friendly and can be used even with retrofit "comfort" pumps. Designed for easy installation, either wall mounted or floor standing with water connections on unit's top. Vented with 2" or 3" PVC up to 100 ft, direct vent sealed combustion convertible, natural gas or propane on the same unit, and the indoor unit also can be converted for outdoors. Features a full modulation infrared burner that is dual activated by both a thermostat similar to a tank, or flow sensing similar to tankless. Grand Hall.  
Circle 106 on Reader Reply Card

The World's Largest HVAC  
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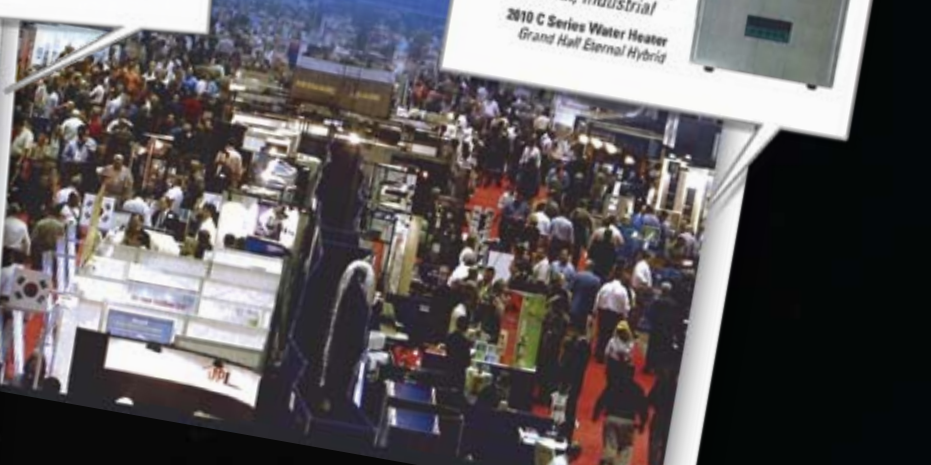
**Hybrid Water Heater**  
Grand Hall/Eternal Hybrid | Booth # 4666

The Eternal hybrid water heating system now combines the best features of tank and tankless into one unit, with higher efficiency and half the size.

**Markets Served:**  
Residential, Commercial, Institutional, Industrial



2010 C Series Water Heater  
Grand Hall Eternal Hybrid

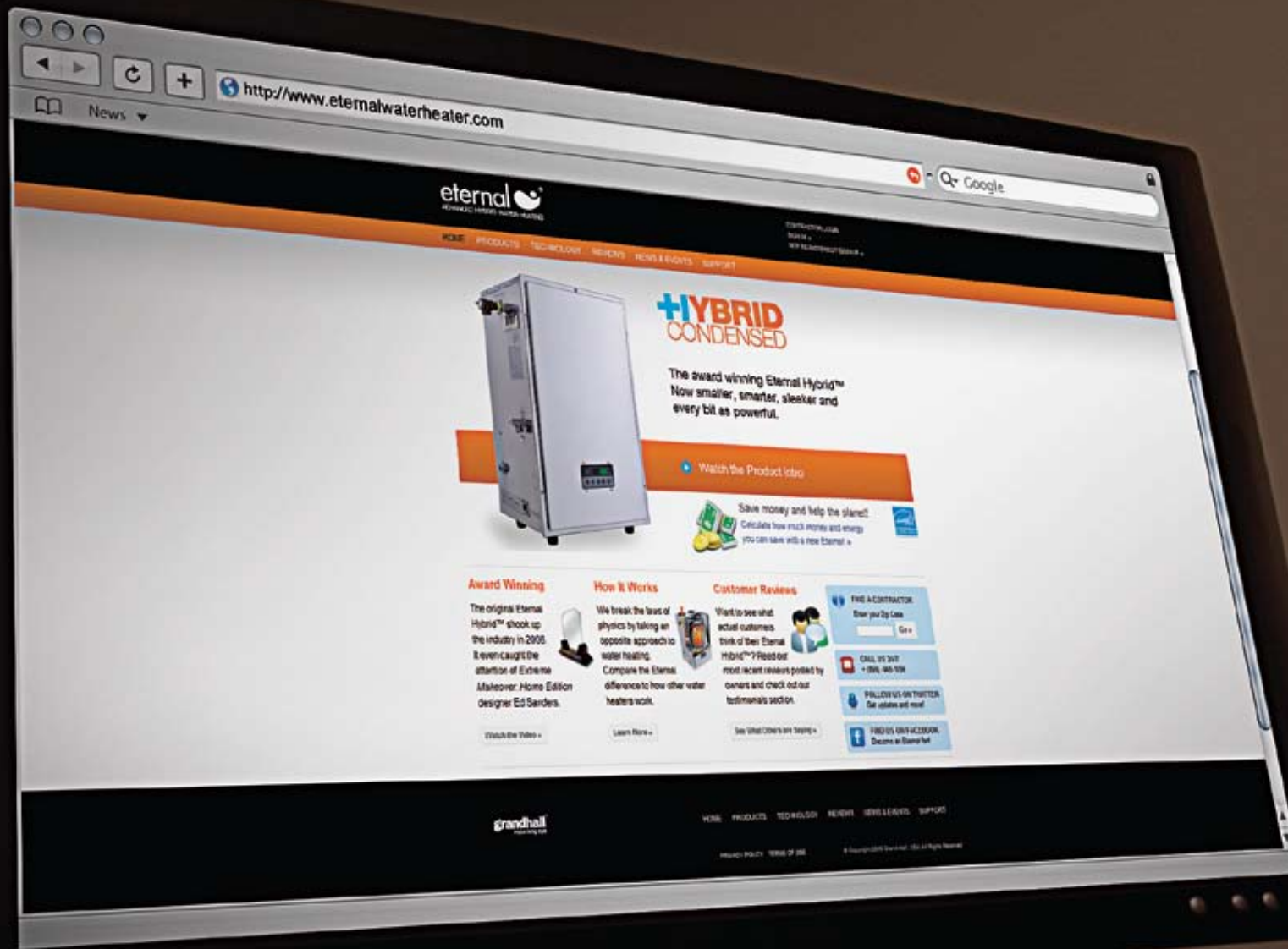


# www.eternalwaterheater.com

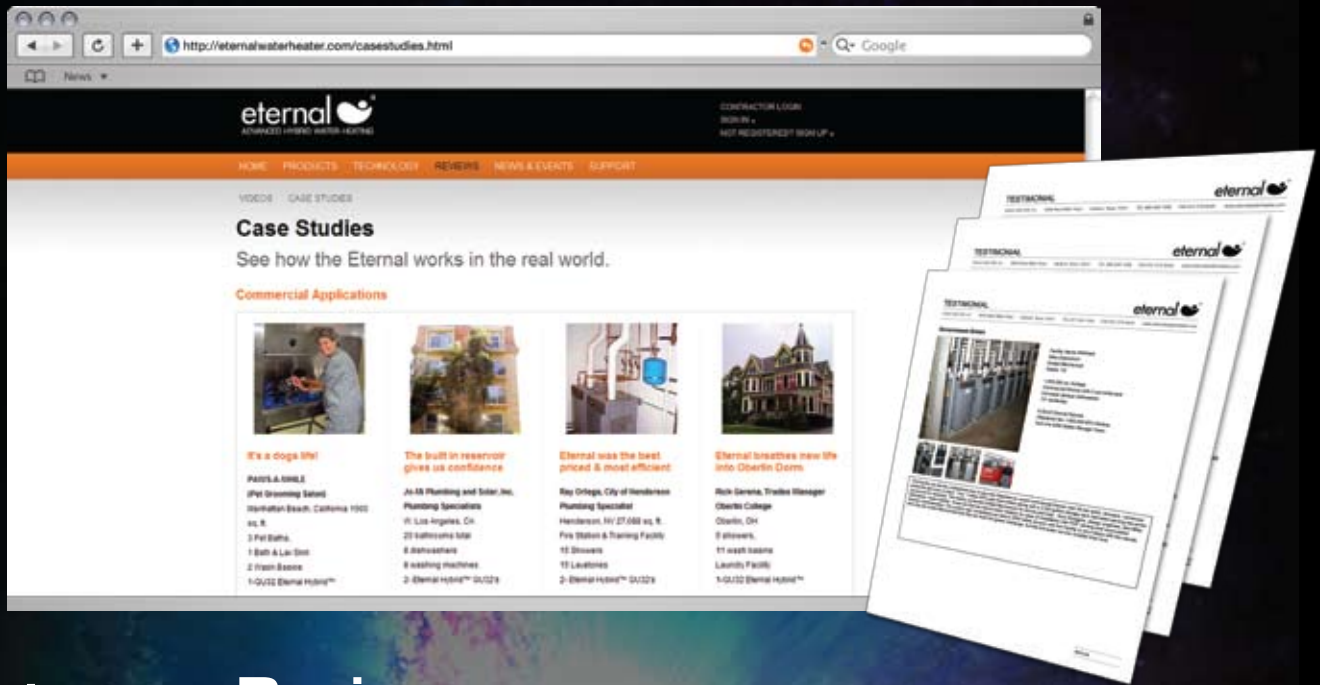
The internet is abuzz with talks of Eternal. Contractors, builders, plumbers, remodelers and green architects can't stop talking about the capacity and efficiency, or about the convenience and water savings.

In addition to all that, we have launched the new [www.eternalwaterheater.com](http://www.eternalwaterheater.com)

This site features testimonials from real people who benefited from their Eternal.



# Case Studies



## Customer Reviews:

I replaced my existing tankless water heater with the Eternal. With my old unit I had a lot of pressure loss and had to add a small electric water heater to make my recirculation system work. With the Eternal I didn't need the tank anymore. The pressure loss is gone and my re-circ work beautifully. I am very happy so far.

KIRKLAND, WA 98034

Great product and great installation company/crew. A+++ recommendation for both Eternal and Advanced Plumbing Services!!!

SCOTTSDALE, AZ 85254

When I talked to a rep about this tankless heater, I was sold on this product. It is by far better than any other tankless heater brand out there. The installation of this heater could not be any easier. I love the fact that it is an open system, I have a recirc. pump on my system and love that I do not have to have an extra storage tank for this heater just to run my circ. pump.

BLUFORD, IL 62814

I can't believe that I didn't know about this wonderful hybrid hot water system. Thank you Doug with Exclusively Sloan for introducing me to Eternal hot water and to Greg and Jack for such a great professional installation. I am so happy to never have to worry about hot water again and to save so much energy.

PHOENIX, AZ 85016

I really love the Eternal Hybrid. The contractor had great product knowledge and performed the installation on time and with only a very few issues. I appreciate your referring me to Meisted Plumbing and for your very prompt and helpful replies to my inquiries.

SUGAR LAND, TX 77478

Bob Connelly, the Abacus plumber, offered a consultative sale and couldn't have been a better salesman. We started by thinking that we would go with a tankless water heater but, after much discussion of our concerns and expectations, Bob shared the hybrid option and our decision was made.

HOUSTON, TX 77015



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