

MANUFACTURERS

Spotlight

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Baxi's Pursuit Of Top Green Heating Solutions

Baxi Blue is the corporate color of Europe's second-largest heating products manufacturer, but *green* is clearly a primary benefit of the company's growing line of hydronic heating appliances in North America.

The new Baxi Luna³ Comfort wall-hung boiler is a green heating appliance that is sure to appeal to builders and homeowners seeking fuel consumption and cost savings, in addition to remarkable environmental benefits.

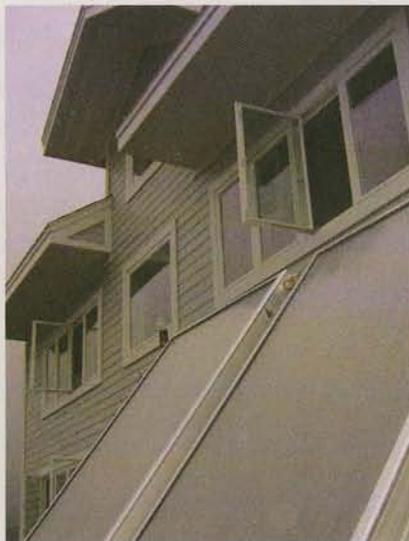
In a 2007 field test conducted in southern Ontario, the combination heating and domestic hot water Baxi Luna³ Comfort replaced an aging forced-air furnace and hot water tank system — saving the homeowners up to 59 percent on their monthly gas bills compared to the previous year.

Equally impressive, the Baxi system produced significant reductions in greenhouse gas emissions. The homeowners expect to cut their year-over-year fuel consumption in half, saving 530 therms of natural gas annually, or about 2.6 metric tons of carbon dioxide. To illustrate the environmental impact: A family would have to park a car for six months to save the same amount of CO₂ — or it takes one year for an acre of trees to absorb 2.6 metric tons of CO₂.

Ideal for high-temperature applications, the fully modulating, noncondensing Baxi Luna³ Comfort (85.5 percent AFUE) is in popular demand for new multiunit housing, as well as retrofitting, among other applications. The modulating, condensing Baxi Luna HT line (92.5 percent AFUE) is ideal for low-temperature applications and can achieve thermal efficiencies up to 98 percent.



Solar homeowners John and Linda Kosmer are thrilled with their Baxi system.



The Baxi Luna³ Comfort wall-hung boiler was also selected, along with Baxi hot water solar panels and storage tanks, for installation in a new passive solar home located near Cooperstown, N.Y. This Baxi appliance is the first boiler ever produced to supplement a hot water solar system.

When there is a call for demand, the Baxi boiler feeds both the domestic hot water and hot water for a heat source. The wall-hung boiler can sense the temperature of the incoming water from the solar system and either circulate it to the proper call location or the boiler will automatically heat the incoming water to meet the demand. Baxi boilers have a modulating fan and gas valve that enable significant fuel and greenhouse gas emission savings.

"I am thrilled with the Baxi Luna³ Comfort," says John Kosmer, owner of the solar home. "When you build a 'green' super energy-efficient passive solar home, it seems unthinkable to have anything else but a super energy-efficient source of domestic hot water and supplementary heat like the Baxi.

"Using only 115 gallons of propane in my 4,000-square-foot home from June to December is very impressive," he notes.

John Carrigan, general contractor of the solar home, adds that a home of equal size constructed in the area within the last five years uses nearly five times more energy just to heat the home.

Marathon International is the exclusive distributor of Baxi products in North America. To learn more, visit www.wallhungboilers.com.

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