

Hot water dream machine

Natural gas infrared booster water heater is fast and efficient

Les Baumann doesn't do much at night anymore, not that he's complaining. Since Bywood East Nursing Home in northeast Minneapolis installed a Vanguard PowerMax™ 200 infrared booster water heater, the phone never rings for after-hours repair help.

"It's just a dream piece of equipment," Baumann said. That's because the natural gas booster's infrared technology quickly raises water temperatures for on-demand, 180°F sanitized hot water, an important task when the kitchen crew serves three meals a day to 120 residents, staff and visitors, and then washes all those dishes.

Natural gas makes a dream a reality.

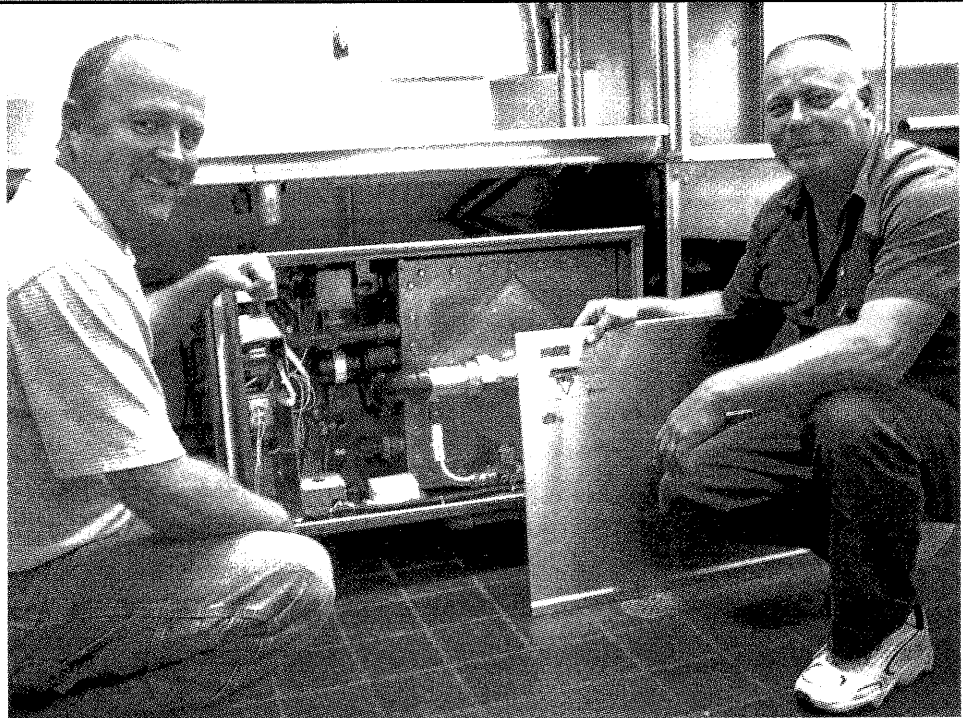
Frustrated with the kitchen's two inefficient and outmoded booster water heaters, Baumann convinced his employer to purchase the new natural gas infrared unit, which promised efficient, cost-effective performance. Patrick Niccum of Architect Mechanical worked with him to have the unit installed.

The self-contained booster fits easily under the counter next to the dish machine. Its rugged, high efficiency, infrared ceramic burners, advanced microprocessor and temperature controls maintain consistent hot water temps while keeping the kitchen cool. "With the old booster heaters, a 10-ton air conditioner couldn't keep the kitchen comfortable. Now it's a steady 72°F," Baumann added.

Installation ease and flexibility. A simple, single point gas, water and electric connection and multiple venting options made installation easy. The unit fits easily into any kitchen configuration and can be located up to 150 feet from the dishmachine.

The fan is so quiet the only humming you hear comes from the pleased kitchen staff.

The PowerMax natural gas booster is 90 percent efficient, and with CenterPoint Energy Minnegasco's \$500 rebate, Baumann expects the unit to pay for itself in under three years. That's one more thing to dream about in the added spare time he now enjoys.



Patrick Niccum of Architect Mechanical (left), and Les Baumann (right), Bywood East Nursing Home's Environmental Services Director, check the performance of the Vanguard PowerMax™ 200 natural gas booster water heater. The ultra-fast infrared heat provides hot water on demand – reliably and efficiently – to sanitize the nursing home's dishware.



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