

RESTAURANTS

Biaggi's Ristorante Italiano
Deer Park, IL



Four Navien NPE-240 units use cascading technology to assure a steady and dependable flow of hot water.



"Our crew started about a half hour after the restaurant closed and we had it up and running by 10:30 the next morning."

Gregg Bickus, Bickus Plumbing, Inc.



No "cold water sandwiches" served at this restaurant

Biaggi's chain restaurant "Service" honoree, replaces tank system with four cascading Navien NPE's in overnight installation

Situation

Biaggi's Ristorante in Deer Park, Illinois, found their inefficient 200-gallon tank could barely keep up with dishwashing demand and they would replace tanks every two or three years.

Solution

Gregg Bickus of Bickus Plumbing convinced the owners to replace their old system with four cascaded Navien NPE-240 units. The Bickus crew started about a half hour after the restaurant closed and had continuous hot water up and running by 10:30 the next morning.

Benefits

Instant hot water supply: Unlike other tankless systems, the Navien NPE features a buffer tank and recirculating pump to provide an uninterrupted flow of hot water. This prevents a condition known as "cold water sandwich" which sends cold water before the heater reaches full temperature.

Greg commented, "We don't have to add any pumps on any of the piping. So this saves money and adds value."

Water conservation: Mark Brickey of Metropolitan Industries added, "The pump saves thousands of gallons of water a year. In some areas like the city of Chicago, their code says that you need water saving devices such as this pump. I've seen savings in excess of 12,000 gallons of water a year."

Reliability: The four NPE units at Biaggi's are linked together through cascading technology. Mark explained, "When a unit gets up to 80% capacity, then another one will come on to help meet the flow & demand required. They'll both ride up to about 80% and then the third one will come on. It keeps the flow more even so that there aren't any spikes or drops."

Durability: Stainless dual steel heat exchangers, a Navien exclusive, last longer than other tankless heaters with aluminum or copper heat exchangers. Stainless resists corrosion from hard water and Navien NPE units don't have to be cleaned as often other tankless heaters.

Faster, less expensive installation: One of the reasons Gregg's crew could replace the old system so quickly is the ability to use 2" PVC venting. Gregg said, "PVC is cheaper, available everywhere and all the plumbers use PVC fittings." Since the NPE uses 2" venting, PVC can be run in existing vent chases, saving many hours of installation time.

In addition to the featured restaurant case study to the left, Navien products are efficiently saving energy and supplying endless hot water to many other dining facilities. A selected group, currently profiting from Navien's technology, is listed below:



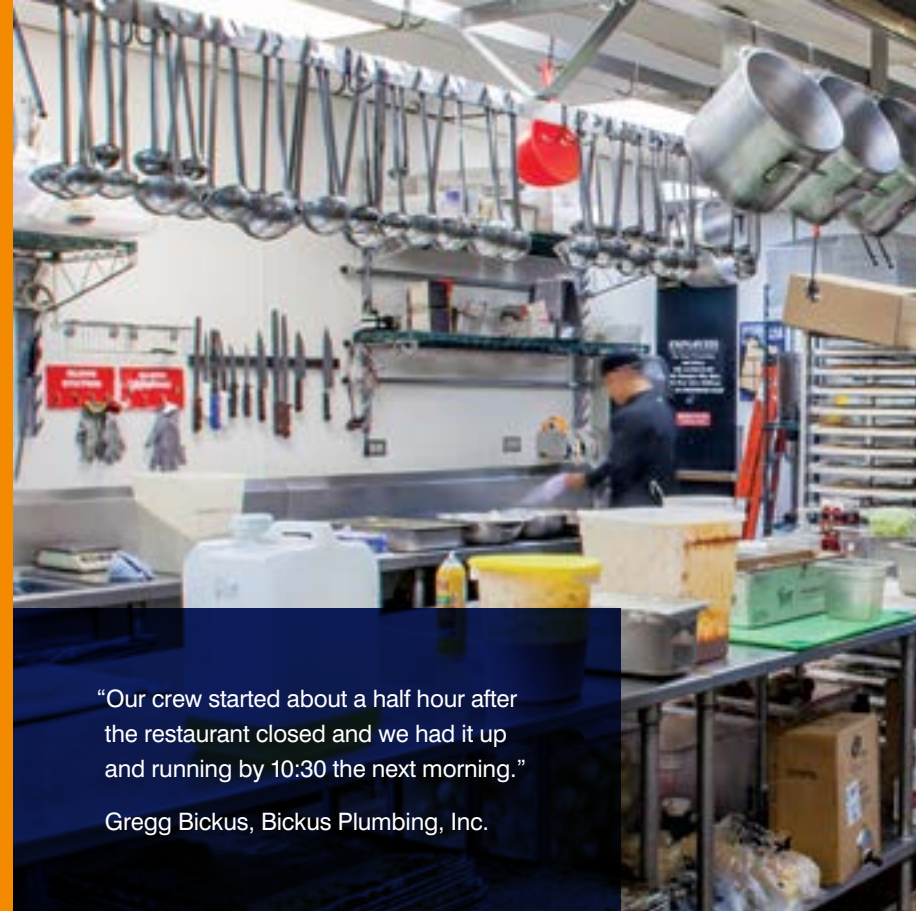
Burton's Grill
Westford, MA

- Applebee's, Multiple Locations, USA
- Archie Moore's Restaurant, Multiple Locations, USA
- Burger King, Multiple Locations, TX
- Chelo's Waterfront Restaurant, Multiple Locations, USA
- Chick-fil-A, Multiple Locations, USA
- Chipotle Mexican Grill, Multiple Locations, USA
- El Fenix, Multiple Locations, USA
- Famous Dave's BBQ, Indianapolis, IN
- Five Guys Burgers and Fries, Multiple Locations, USA
- Fleming's, Brookfield, WI
- Fuddruckers, Multiple Locations, USA
- Glory Days Grill, Herndon, VA
- International House of Pancakes (IHOP), Buffalo, NY
- Jamba Juice, Houston, TX
- Joe's American Bar & Grill, Boston, MA
- Joe's Crab Shack, Multiple Locations, USA
- Kings Bowling, Multiple Locations, USA
- Krispy Kreme, Louisville, KY
- Little Caesars Pizza, McPherson, KS
- McDonalds Restaurant, Multiple Locations, USA
- Mellow Mushroom, Multiple Locations, USA
- Mission BBQ, Multiple Locations, USA
- Moe's Southwest Grill, Birmingham, AL
- Moxie's Restaurant, Multiple Locations, Canada
- Ostra Restaurant, Boston, MA
- Outback Steakhouse, Multiple Locations, USA
- Panera Bread, Multiple Locations, USA
- Papa John's Pizza, Norwalk, CT
- Pizza Hut, Multiple Locations, USA
- Qdoba, West Allis, WI
- Red Robin, Multiple Locations, USA
- RockFish Seafood Grill, Multiple Locations, USA
- Sonic, Madison Heights, MI
- Starbucks, Fort Wayne, IN
- Studio Movie Grill, Duluth, GA
- Taco Bell, Multiple Locations, USA
- Taco Bueno, Multiple Locations, USA
- Taco Villa, Multiple Locations, USA
- Texas Roadhouse, Multiple Locations, USA
- TGI Fridays, Pottstown, PA
- The Keg, Newmarket, ON, Canada
- Wendy's, Multiple Locations, USA

To learn and see more, visit
www.Navien.com/Commercial

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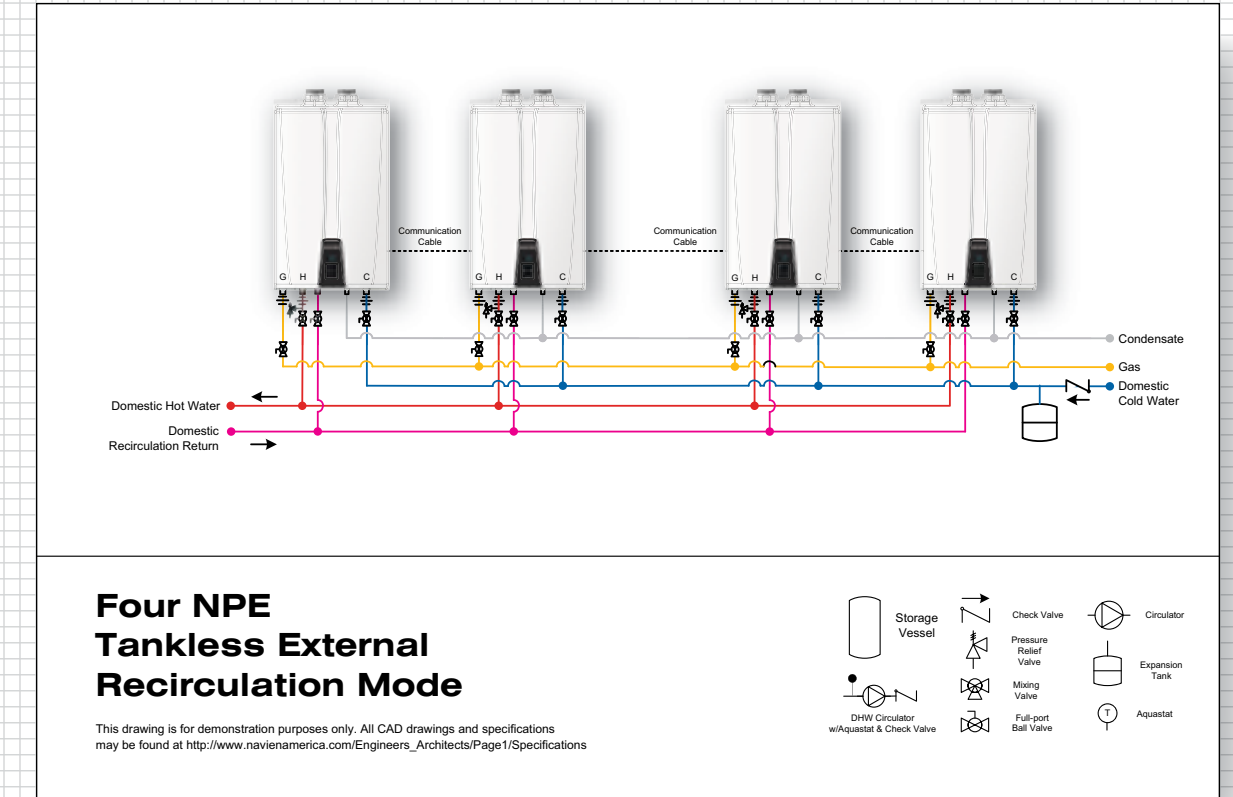
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"With the new NPE model we have had zero problems," Gregg Bickus (right) remarked. Mark Brickey of Navien distributor Metropolitan Industries adds, "With over 95% efficiency we use less fuel and what we use, we burn more efficiently."



Biaggi's Ristorante Italiano operates 23 locations in 12 states nationwide.



Biaggi's offers an extensive menu of classic Italian dishes served in a family-friendly, casual environment.