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SUPPLYHOUSE

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TIME

CAPITOL GAINS

Distributors tackle the present and prepare for the future.

NetworkASA roundtable panel addresses key industry issues.

PLUMBING - PVF - HYDRONICS - HVAC

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2014 MANUFACTURER SPOTLIGHT

Navien tankless water heaters save money for New Jersey country club

"The savings for my customer is insane."

— Ken Alexander, Alexander Plumbing, Heating & Air Conditioning



The exclusive Forsgate Country Club in Monroe Township, N.J. is a spectacular setting for golf and a gracious backdrop for fine dining and special events. Established in 1931 and built with the finest materials, the club boasts five kitchens as well as men's and women's locker rooms, all of which use lots of hot water.

For years, the clubhouse facility was served by a 2.6 million Btu steam boiler the size of a mini-van that heated a 750 gal. hot water holding tank. The steam boiler ran 24 hours a day, seven days a week, 365 days a year.

When the hot water tank reached the end of its life cycle, in April 2012, Alexander Plumbing, Heating and Air Conditioning was called in to provide a sustainable upgrade.

The next generation of "finest materials" chosen by **Ken Alexander** of Alexander Plumbing, Heating and Air Conditioning was Navien's wall-hung condensing tankless NP-240 NG units. They make a dramatic display of size contrast in the boiler room.

The space dedicated to serve the heavy hot water usage requirements of the clubhouse facility now amounts to about 7 ft. wide by about 2 1/2 ft. height of wall space, or up to about 5 ft. high on the wall if including the PVC venting, by about 17 in. deep.

Cost and labor were the two advantages that Alexander pointed out when asked about the PVC venting.

"One of the nicer things about Navien units is they can be common-vented," he says. "We could have common-vented them all on 6-in. pipe, but with these tight space requirements we just couldn't get a 6-in. pipe to make the turns. That's why we're using two sets of three rather than one 6-in. supply and return."

The five high-tech Navien wall-hung condensing tankless units perform the same job as the previous boiler in less than one-tenth the space for a very remarkable dollar savings to boot.

"The club has enjoyed a tremendous savings with the new system," says **Det Williams**, the club's former general manager. "I highly recommend to anyone that if they have an opportunity to upgrade to a tankless water heating system, that they do so immediately."

Heating
120k BTU

DHW
199k BTU



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