



O. Henry Hotel Gets VIP Treatment with New MVP Pressure Booster System



This wasn't their first rodeo.

J.N. Mayberry & Sons had installed plenty of domestic water pressure boosters before the one they installed at the O. Henry Hotel in Greensboro, NC, in September 2019, including the hotel's original system that was being replaced. The 44-year-old mechanical contracting firm didn't ask for and probably didn't even *need* any extra help from HYFAB, the pressure booster manufacturer or James M. Pleasants Co., (JMP), the manufacturer's representative. But there's something about turning off the water supply to one of the city's most iconic hotels in order to squeeze in a major pump replacement between midnight and 5 AM that can put even the steadiest of constitutions on edge. So when Sam Kirkman, Sales Engineer for JMP, offered to have Mayberry over to the HYFAB plant for testing and start-up training on the variable speed MVP booster before it shipped, the plumbing

contractor welcomed the opportunity.

Make no mistake, each and every pressure booster that leaves the HYFAB factory undergoes a factory certified test of flow, pressure, electrical and safety features. However, given that this was a high-profile hospitality venue, Kirkman decided to be a little extra vigilant by inviting the Mayberry crew over to the factory where they could have a little one-on-one time with the MVP pressure booster before the big day.

The top-rated O. Henry Hotel, founded and operated by Quaintance-Weaver Restaurants Hotels (QW) in Greensboro, is famously dedicated to guest comfort. Any vendor or service company that has earned QW's trust is well aware of these uncompromising standards, including JMP, who also sold the original pressure booster for the eight story, 131-room hotel 21 years ago.

Project:

Domestic water pressure booster replacement at O. Henry Hotel in Greensboro, NC.

Products:

HYFAB MVP Pressure Booster

Key Points:

- High profile luxury hotel
- Middle of the night installation – no room for error. Water had to be available for guests in AM!
- Manufacture and rep held a start-up demonstration for the installer on actual unit just days before the installation to ensure success.



HYFAB pressure booster with two 10-horsepower close-coupled pumps can establish the setpoint discharge for the 8-story O. Henry Hotel with as little as 14 psi of suction pressure.

“We wanted to do everything we could to make sure this replacement went as swiftly and smoothly as possible, so when peak shower time rolled around, we could be confident all guests would have plenty of hot water,” said Kirkman.

Putting the MVP to the Test

Kirkman was present along with several others from JMP and HYFAB when the MVP unit was tested just days before it was installed. Jimmy Mayberry, President of J.N. Mayberry & Sons, and his son, Chad Mayberry, Project Manager, watched as the HYFAB technician filled the system with water and started the unit up. The test and demonstration included bringing the MVP up to a specific job site operating setpoint pressure of 75 psi and a play-by-play of every status as shown on unit’s touchscreen panel.

The unit was supplied with DemandSet Control™ variable speed control technology that is unique to HYFAB and enhances the efficiency of the pumps by adjusting the discharge pressure to simulate the operation of a remote sensor. It does this by estimating the pressure drop in

the water distribution piping and adjusting the set point accordingly. This particular MVP included two 10-horsepower close-coupled pumps capable of establishing the setpoint discharge with as little as 14 psi of suction pressure, well below the 40 to 60 psi that is typically available to the hotel from the city water supply. All MVP units are NSF/ANSI 61 & 372 certified and compliant with ASHRAE 90.1 – 2013 thru the DemandSet Control.

In addition to fully simulating normal operating conditions, the HYFAB technician walked Mayberry through the system set-up, explaining each step as he pre-programmed the system for the O. Henry application. He also ran through a series of “emergency” simulations so the contractor would be able to recognize and troubleshoot various situations from the MVP control panel.

While Guests Were Sleeping

The training session gave the Mayberry’s an extra bit of confidence going into the overnight installation.

“It was nice knowing that the equipment was set up already so that we could simply turn it on after the installation and everything was as it should be,” said Jimmy Mayberry, whose firm has a longstanding relationship with QW and services its other hotel and restaurant properties.

The installations took place exactly as planned and without a single hiccup.

“Everything was back up and running a little after 5AM. It would have been sooner except for the additional steps required for shutdown process,” added Mayberry.

Both Jimmy and Chad Mayberry expected that the owner would be pleasantly surprised with the efficiency of the new system.

“The new system is definitely more efficient than the old one. Only time will tell exactly how *much* more, but the staff will be monitoring the electric consumption,” said Chad Mayberry.

The previous system served the O. Henry well, in fact serving it right up until the point that some of its parts had become obsolete. The MVP brings a new level of efficiency and reliability, along with a local representative and factory that clearly has the owner’s best interests in mind.



HYFAB technician demonstrates start-up procedures on MVP Booster System to J.N. Mayberry & Sons days before the contractor installs unit at O. Henry Hotel.

