

TMP Associates gives PowerStation™ High Marks at Haslett High School

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When Dave Chesire of TMP Associates, Inc. in Bloomfield Hills, Michigan needed to provide safe, tempered water to locker room showers and lavatories, he turned to Powers and their all-in-one tempering and recirculation station - PowerStation. Haslett High School, located just outside Lansing, Michigan hired TMP for a major renovation project because of their strong reputation and focus in educational facility design.

PowerStation, a fully assembled and tested mixing station, mounted on heavy-duty welded struts allows an engineer to specify a single-model, total tempering solution instead of multiple components and parts. The self-contained package includes a broad range of master-tempering valves, a return line with recirculation pump, combination temperature/pressure gauges, GFCI outlet, ball valves and Powers' exclusive integral recirculation loop for fast and easy set-up. PowerStation is also offered with an optional automatic balancing valve (thermostatically controlled), Aquastat, circuit setter or AquaSentry temperature alarm.

"There were a number of challenges that made PowerStation the ideal solution for this project," Chesire commented. "First and foremost, the existing low-temperature hot water line ran under the floor, making it difficult to determine what fixtures were actually connected to it. Given the absence of existing drawings and the uncertainty that created, it was critical all showers, lavatories and any other fixtures tied to the line deliver safe, tempered water. I needed a self-contained mixing station that would manage the low temperature loop, from tempering to recirculation. PowerStation made my life easier."

PowerStation was designed to save significant time for the engineer, money for the owner and set-up time for the installer. "PowerStation was perfect because I specified a fully assembled and tested system with a pump, aquastat and circuit setter that met my specific requirements," Chesire added. "It saved a considerable amount of design time because I didn't have to create additional piping detail that would have been needed had I specified the components separately. It also provided peace of mind knowing the installation would be done right, the first time. Overall, PowerStation gave me the assurance that students would be protected, regardless of the varying system demand throughout the day."

All PowerStations feature Powers' exclusive line of HydroGuard master tempering valves, powered by advanced paraffin-based actuation technology for near-instantaneous response. Powers Single-Valve Hi/Lo series feature a patented "expandable-restrictor" which provides unsurpassed control at low flows. All HydroGuard master tempering valves are listed and approved to ASSE 1017 and CSA B125.

Other standard HydroGuard features include:

- An industry exclusive temperature control range of 40°F – 160°F
- Minimum control to ASSE 1017-2003 and ASSE 1016 (for 2-valve systems) as low as 0.5 gpm
- Solid brass poppets and seats provide precise control without any close tolerances or tight fitting parts to stick or bind
- Triple-duty check stops with strainers filter out debris
- Vandal-resistant locking mechanism to secure temperature setting

Established in 1959, TMP Associates Inc. is headquartered in Bloomfield Hills with offices in offices in Detroit and Portage, Michigan. They can be reached info@tmp-architecture.com or visit their website at www.tmp-architecture.com