



FLORIDA HOTEL COVERS ALL BASES WITH DHW PROJECT AT-A-GLANCE

Location:

Ft. Myers, Florida

Contractor:

Performance Plumbing of SW FLA, Inc.

Lead:

Randal Langley, Vice President

Product Focus:

LEGIOMIX®, ThermoSetter™ and SinkMixer™

Challenge:

Time-saving installation for a thermal disinfection-ready system

“I WAS A LITTLE LEARY OF THE THERMAL BALANCING VALVES, YOU ALWAYS ARE THE FIRST TIME, BUT IT WORKED REALLY WELL. YOU DON’T HAVE TO GO THROUGH AND ADJUST EVERYTHING, YOU JUST GO THROUGH AND START IT UP. IT SAVED US A DAY OR MORE TO NOT HAVE TO BALANCE.”

~RANDAL LANGLEY~

Overview:

Randal Langley prides himself on quality workmanship. He is the vice president of Performance Plumbing in Southwest Florida. Founded in 2002 by Larry Langley, this family business has successfully tackled plumbing and gas line projects, ranging from custom homes to multi-family to industrial construction. They aren’t afraid of a big project. Randal’s team recently completed a hotel build in Ft. Myers in record time.

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PERFORMANCE PLUMBING

For a commercial project like a hotel, Randal will bring 15-20 installers to site to work through it quickly and efficiently. Anything that can help them wrap up a job quicker, without sacrificing quality, is worth a look.

A new construction hotel project is one of Randal's favorite types of builds. The complexity of a multi-story commercial project, combined with the repeating layouts of the guest rooms,

“We have high expectations of the guys and they make it happen.”

- Randal Langley



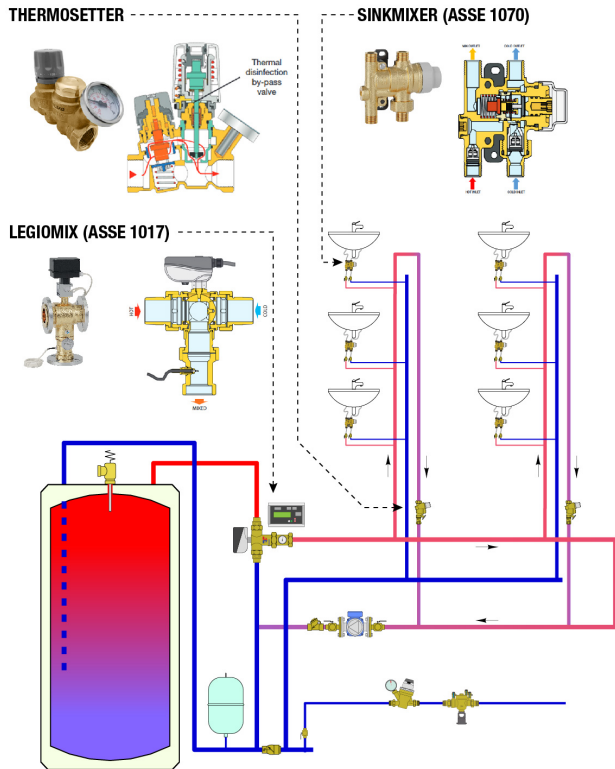
make it easy for him to oversee the project and get into a rhythm.

DHW CONTROL SYSTEMS

Recently, a hospitality project near Fort Myers gave his team an opportunity to shine. Their scope in this new hotel build included installing ground-up plumbing and natural gas lines. In the mechanical room, they installed two



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Rheem 120 gallon water heaters and one 120 gallon storage tank. For the domestic hot water (DHW) distribution, Performance Plumbing chose the full Caleffi LEGIOMIX® DHW control system (a 1.25 in. LEGIOMIX Station electronic point-of-distribution mixing valve, ThermoSetter™ thermal balancing valves and SinkMixer™ point-of-use mixing valves).

In under an hour, they had the whole building up and running with the appropriate settings. “Caleffi made it convenient to get it done.” Randal Langley

The electronic mixing valve provides installers the ability to set a mixed temperature for normal operation and set a different, disinfection temperature

for Legionella management at scheduled times. It also exercises the control ball valve, an entire open and close cycle once a day to wipe away scale buildup.

In the past, balancing the hot water lines in an entire hotel could take a lot of hands and time to commission for Performance Plumbing. In the planning stage, Randal was intrigued by the concept of this LEGIOMIX system, but was a little apprehensive. Instead of manually balancing each branch of the recirculation system, they were going to set the balancing valves to the desired system temperature and walk away.

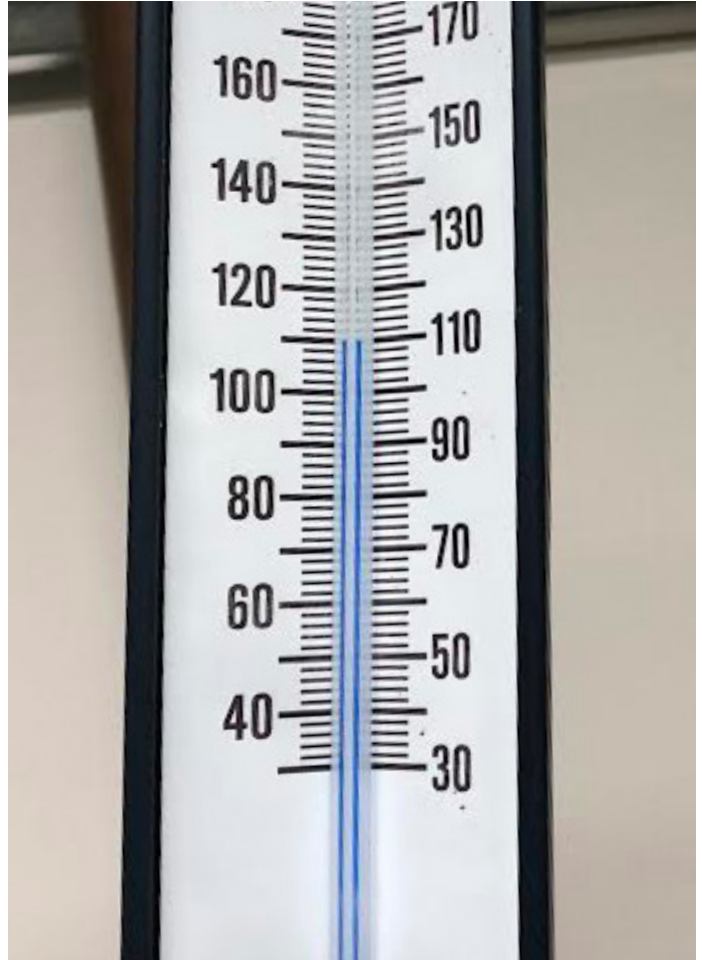


After everything was installed, Randal called the Caleffi technical support line for help programming the electronic mixing valve. The system was designed in conjunction with architectural firm Harter-Adams, P.A. (Altamonte Springs, Fla.) and Joseph, Lawrence and Co. consulting engineers (Altamonte, Fla.) Manufacturers' representative Marsh & Moore, Inc. (St. Augustine, Fla.) introduced Performance Plumbing to the Caleffi system.

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BENEFITS FOR THE END-USERS

“We’d love the opportunity to do another hotel like this and would do it the same way.” The expertise of the Performance Plumbing crew made this job a success and set up the hotel to have happy guests with clean, hot water when they need it.



WANT TO LEARN MORE?

We are committed to your success and are here to help. Check out our website [CALEFFI.US](https://www.caleffi.us) to explore an expansive collection of product information, training webinars, BIM objects, as well as a library of educational *idronics*™ journals.

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