



## BALTIMORE AREA CONTRACTOR PROTECTS TENANTS PROJECT AT-A-GLANCE

**Location:**

Perry Hall, Maryland

**Contractor:**

Greg Maruffi Plumbing

**Lead:**

Greg Maruffi

**Product Focus:**

AngleMix™

**Challenge:**

Clean retrofit of a thermostatic mixing valve

**“IF I’M NOT DOING IT THE RIGHT WAY, I’M NOT DOING IT.”**

**~GREG MARUFFI~**

**Overview:**

Greg Maruffi is a third generation plumber in the family business. His grandfather started Maruffi Plumbing and Heating in 1964. Maruffi currently works with his father along the Interstate 83 corridor in Maryland, primarily in Baltimore, Harford, and Cecil counties. “I love heating. I love hydronic boilers,” Maruffi says about his favorite type of project. A common theme exists in the projects he takes; he has to get it right.

# BALTIMORE AREA CONTRACTOR PROTECTS TENANTS

## THE PROBLEM WITH HOT WATER

In early 2021, Maruffi received a call from an apartment owner about a dangerous domestic hot water issue that the tenants noticed. They were getting very hot water at the taps. A reading later confirmed temperatures of almost 180°F at the sink. This posed a severe risk for the tenants and a potential liability for the owner. In the basement, an oil fired boiler with a tankless coil was supplying the domestic hot water. An old mixing valve was no longer working well. It was all hot or nothing. When he tried adjusting the valve, it leaked. Additionally, ball valves were used to try to balance the flow of hot and cold to the house.

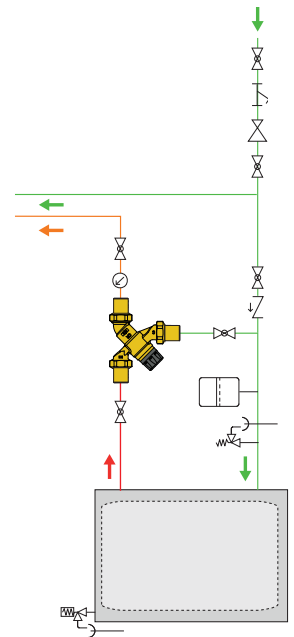


Maruffi installed a Caleffi AngleMix thermostatic mixing valve as a replacement. The angle shape of the body helped him work the valve into a tight space, without reworking a lot of the existing piping. He opted for the temperature gauge outlet to easily dial in the supply. “It was much easier than running up and down the stairs to check the mixed supply temperature,” he said. The ball valves were able to be left fully open, as they were no longer needed now there was proper mixing.

## FIXING THE PROBLEM

Maruffi uses the AngleMix for tankless coil, indirect, and electric water heaters. The optional check valve unions are a favorite feature of his. He prides himself on being able to work with tricky projects and relies on products that have many use cases.

Maruffi insists on taking jobs so that he can set up the homeowner for success.



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sales@caleffi.com

**TECHNICAL SUPPORT:**  
techsupport.us@caleffi.com

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