Embrace the Technology®

CircuitSolver®

A ThermOmegaTech® brand

LEGOLAND Castle Hotel

Project Case Study

The Opportunity

At the new LEGOLAND® Castle Hotel at LEGOLAND California Resort, 250 deluxe LEGO Castle rooms with magical themes host many visitors from far-off lands, and CircuitSolver had a hand in delighting children of all ages.



At this magical 3-story hotel in Carlsbad, California, Ed Parisi, Plumbing Design Manager at ICS (Industrial Commercial Systems), installed CircuitSolvers in this new construction project. The 250-room hotel is a U-shaped building and required exactly 99 3/4" CSUA CircuitSolvers.

Installation & Result

ICS ordered these through Todd Pipe (now Reece) in San Diego. "This is a typical installation with the CircuitSolvers installed at the end of each DHW branch before it ties into the circulating main," Ed Says. "In this project, the furthest CircuitSolver was approximately 650 feet of piping away from the Mechanical Room." In the LEGOLAND® Castle Hotel, the domestic hot water mains followed the first floor corridor through the building and the branches served two or three-story stacks of rooms throughout the building. "Time to tap, I have never seen a building so consistently deliver hot water that fast!"

"Ordering the assembled CircuitSolvers allowed ICS to use less jobsite manpower and also enabled us to install every balancing valve correctly. There were no leaks, and I never had a callback during the warranty period. Nothing but hot water!" he says. "It's a pleasure to use."



"CircuitSolvers are the premier balancing valves available. Reliable, stainless-steel construction, variable temperature settings available, and all the necessary components to satisfy the most stringent specifications and details. All that plus no manual setting required makes CircuitSolvers a great solution," he says.

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The LEGOLAND® Castle Hotel project was completed and open to the public in April of 2018.