



FOR IMMEDIATE RELEASE

CONTACT: Matt Sorrentino
732-996-8216
msorrentino@slicecommunications.com

Therm-Omega-Tech Earns NSF/ANSI 61 Certification for its Circuit Solver™ Valve

Certification Believed to be First for a Self-Actuating Temperature Control Valve for Domestic Hot Water Systems

WARMINSTER, Pa. – March 14, 2013 – Therm-Omega-Tech, the global leader in the design and manufacture of self-actuating temperature control valves, announced today that its new Circuit Solver™ valve for domestic hot water systems has received NSF/ANSI 61 and California Lead Plumbing Law (AB1953) certifications from the International Association of Plumbing and Mechanical Officials (IAPMO), an independent laboratory.

The certification is believed to be the first of its kind for a self-actuating temperature control valve used for balancing domestic hot water systems.

“This certification further cements our belief that the Circuit Solver is an elite product that can solve long-standing issues related to hot water flow,” said Therm-Omega-Tech President and CEO James Logue, Jr. “This valve can change the way engineers solve domestic hot water system and is a clear upgrade over manual balancing valves.”

Water flows to the path of least resistance, and many buildings require multiple branches off the hot water supply line. Since hot water use is dynamic, the path of least resistance is constantly changing and manual balancing valves cannot efficiently resolve these issues. Circuit Solver fixes this problem when installed on the end of each supply branch. Additionally, it eliminates the need for oversized recirculating pumps, minimizes heat-loss by reducing fluctuations in average temperature and flow rate and lowers flow in hot water return lines, minimizing erosion-corrosion problems caused by excessive velocity. The result is a dramatic reduction in water waste, energy savings and greatly improves comfort and satisfaction from all users of the domestic hot water system.

When entering water temperature is below Circuit Solver's set point, the thermal actuator will begin to open the valve to establish a flow rate that will achieve set point. If the water temperature exceeds the set point, the valve will begin to throttle back to find the current equilibrium point. Continuously operating at the optimum temperature minimizes system heat-loss thereby saving energy. This constant, automatic response to water temperature enables each hot water branch to quickly and consistently deliver the right temperature of hot water to each connected fixture. The valve is constructed of all stainless steel.

Circuit Solver is now available for sale. More information is available at www.CircuitSolver.com. Appointments with engineers from Therm-Omega-Tech can be made through the Web site to determine if Circuit Solver is the right solution for any hot water distribution challenge.

About Therm-Omega-Tech

Founded in 1983, Therm-Omega-Tech is the global leader in the design and manufacturing of the most advanced, reliable, and compact self-actuated valves for temperature control. The company holds over 25 patents for the design and manufacturing of valves for freeze control, scald protection, and tepid water mixing in the rail, manufacturing, processing, healthcare, hospitality, and building industries, to name a few. All Therm-Omega-Tech products are made in the United States of America. More details are available at www.ThermOmegaTech.com.

###