

STEAM, HOT WATER, AND AIR SPECIALTY PRODUCTS

Merlo Energy is a leading representative and solutions provider in the industrial and institutional market sectors. Our products allow organizations to keep their operations running, within specified limits, while maximizing profitability, ensuring quality, and prioritizing safety.



Intelligent thermal utilities solutions that save time, money, and energy for your industry from a global leader in energy management and enjoyable experiences. Delivering system solutions that improve utility performance, lower energy consumption, and reduce environmental emissions while focusing on products in the following spaces:

- Steam and Condensate
- Hot Water
- Flow Measurement (Veris)
- Humidification
- Steam Filters
- Heat Transfer (Hunt)



Gas detection equipment for building ventilation control, automatic strainers for water, wastewater treatment, electric hot water, and steam boilers.



Spring and silent check valve supplier manufacturing in the USA.



TraceBOOST, ControTrace, and heating circuit subsystems.



Designing and fabricating shell and tube heat exchangers with high quality and aggressive lead times.



Battery-less, wireless transmitters providing real-time information on various monitored steam traps and motors.



Quality tube bundles, heat exchangers, coils, tanks, and other heat transfer equipment.



Heat recovery systems, blowoff tanks & blowdown separators, boiler water sample coolers, and boiler chemical treatment skids



Heat transfer, refrigeration, and air handling equipment for industrial, commercial, and utility markets.



Patent-pending nanobubble generator removes and prevents the buildup of biofilm in water.



Insulation solutions for energy conservation, thermal efficiency, noise reduction, and safety.



Steam system products focused on condensate pumps, surge tanks, vacuum pumps, and deaerators.



Heat exchangers for the most important parts of heating and cooling process systems, air-dirt separators, and water heaters.

ADDITIONAL PRODUCT LINES

- Gauges
- Process Isolation Valves
- Expansion Joints/Loops
- Process and Metal Hose
- Pressure Relief Valves
- Piping Accessories

EDUCATIONAL OPPORTUNITIES

Seminars begin with the basics, move on to the best methods for installation and application, and conclude by exploring ways to maximize return on your energy investment. From a half-day session to several days, Armstrong University® has the qualified instructors and educational resources to improve your employees' safety, knowledge, and complete understanding of a thermal utility system.



North American Learning Center

Our seminars are hands-on sessions, conducted at our learning centers, world-wide. Armstrong Learning Centers are equipped with the latest functional and cutaway equipment, making it possible for you to see how utility systems operate. The North American Learning Center in Three Rivers, Michigan is a 4,000 square foot, state-of-the-art facility featuring a glass low-pressure steam system, dynamic HVAC system with several types of humidifiers discharging into see-through ductwork, and a live instrumented hot water temperature control system.



Mobile Steam Board

Scheduling a live steam board demonstration in your facility offers the benefits of a personalized seminar with a technical instructor. The total time for conducting a seminar can vary based on customer needs. Also, several sessions can be held for shift employees. The seminar is conducted when it is convenient with no travel time required which means limited time away from normal working responsibilities..

STEAM, AIR AND HOT WATER SYSTEM SERVICES

Merlo Energy offers a variety of products and services to ensure steam air and hot water systems operate at peak efficiency.

Services Include

- Steam trap/insulation surveys and audits to prevent failures and save costs.
- Wireless steam trap monitoring in real-time to prevent energy loss and safety issues.
- Hot water monitoring to prevent service interruptions.
- Comprehensive system energy audit with detailed report recommending energy conservation measures and efficiency improvements.
- Utility systems management from turnkey installation to ongoing maintenance, including custom engineering and financing.
- Training on-site and start-up assistance.
- Preventative and scheduled maintenance, annual equipment checks on mixing valves, humidifiers, heating and cooling coils, and clean in place on heat exchangers.

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