

Providing a Consistent Water Temperature for Large Multitap Applications



Self-Regulating Domestic Hot Water Maintenance Heat Tracing Cable

Proven solutions to optimize performance.



Delivering a comprehensive hot water maintenance system solution



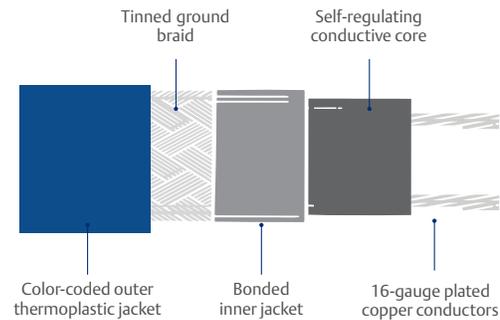
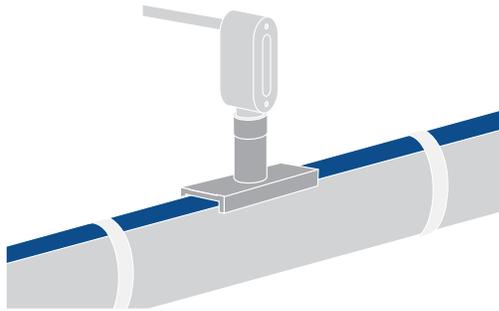
Self-regulating capabilities, environmental safeguards and a solid design make the self-regulating system the wisest choice for a variety of commercial facilities including hospitals, hotels and correctional institutions. Utilizing self-regulating technology, the cable is designed to sustain nominal hot water temperatures of + 41°C (+105°F), +46°C (+115°F), +52°C (+125°F) or + 60°C (+140°F), consistently maintaining your water supply at a prescribed temperature.

More traditional recirculating boiler systems are costly and grossly inefficient in comparison to our self-regulating heat tracing cable. The self-regulating system consists of fewer components, requires no multiple tracing and no spiraling, which reduces time spent on design and installation. And it completely eliminates the need for the multitude of return pipes, pumps and valves necessary in the boiler's setup.

Self-regulating advantages aren't limited to installation, savings are also found in the system's operation. Because our cable only heats when and where it is needed, energy is conserved as well as your finances.

Self-Regulating Domestic Hot Water Maintenance

The Smart System



The heating cable is fastened directly to the pipes, running their full length and creating a symbiotic relationship, which allows the cable to gauge any changes in water temperature. Sensing a decrease or increase in temperature, the conductive core then adjusts its own power output in response, and produces a consistent flow of perfectly heated water – no hot spots, no burnouts, no recirculation.

Easy Does It

41° C (105° F) – Hot Water System LT-A @ 208 V

Insulation Thickness	Copper Pipe Diameter - Inches							
	1	1½	2	2½	3	4	5	6
0.5"								
1.0"								
1.5"								
2.0"								

Selection is simple, select your desired water maintenance temperature and pipe size. It's that simple.

Bypass The Unexpected



Our defining characteristic has always been a commitment to customer service. Our representatives not only support you throughout the design and installation process, they can also assist you in troubleshooting and providing input to your maintenance program. Our skilled representatives take into account products application, environmental conditions and future changes which may affect your system.

Creating a Custom System



To assist you in designing your custom heating system we've developed a convenient, user-friendly guide available in both hard copy and electronic online format. For access to our design guides, more information on our products and services, or a personal system assessment, contact your local representative, or visit us online at www.nelsonheaters.com.



Innovative and reliable heat trace solutions for demanding environments.



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