

# Thermal Loop: An Introduction to the Unifying Concept Behind Watlow's Products and Processes

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## Summary

For Watlow, the underlying concept behind everything we do is that of the thermal loop. Every product we offer, and every project we work on, is ultimately about the creation and control of a thermal loop in some application. This paper, the first in a series, will focus on the three foundational components of the thermal loop - the heaters, the sensors and the controllers. In subsequent white papers we will further explore how a thermal loop can be enhanced through new technologies such as data acquisition and cyber security. Once you understand this basic concept, it will help you see where Watlow's specific products, projects and expertise fit into the bigger picture.

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