



RAYCHEM

nVent.com/RAYCHEM

HEAT TRACING SYSTEMS 460 CONTROLLER SALES GUIDE

The **nVent RAYCHEM 460** heat tracing controller is c-UL-us Listed and designed for heat tracing applications including pipe freeze protection, flow maintenance and heat loss replacement. It features a modernized 5" color touch screen for easy setup, programming and built-in ground fault protection. The controller has advanced features such as high temperature cutout and autocycle diagnostics. A complete nVent RAYCHEM heat tracing system consists of the 460 electronic controller, self-regulating electric heating cables, and easy-to-install connection kits to protect pipes and surfaces from freezing.



GOALS

Educate Distributors and Contractors on the 460 controller and nVent RAYCHEM's heat tracing solutions.

Educate Distributors on the unique features and selling points of the 460 controller.



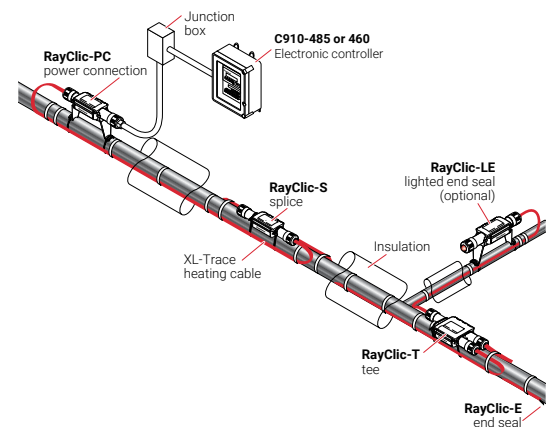
AUDIENCE

Distributor personnel, engineering firms, contractors and commercial building managers looking for a smart and reliable heat trace solution.



APPLICATIONS

The 460 controller is optimized for pipe freeze protection, flow maintenance and heat loss replacement systems, providing reliable control and monitoring of a heat tracing system during crucial times.



WHAT'S IN IT FOR THEM

A heat tracing system is more than just the cable. It also includes connection kits, accessories and advanced controllers that work together to keep the system running at optimal performance.

The 460 is a c-UL-us Listed controller optimized for freeze protection, flow maintenance and heat loss replacement applications. It is equipped with built-in ground fault protection (GFEP), high temperature cut-out setting and an alarm relay signal notifying any issues.

Featuring a 5" color touch screen, the 460 controller provides easy setup and programming to the user. It is easy to install with push-in cage clamp wire terminals. It can be programmed in advance in power-off mode with a USB connection.

The 460 controller provides energy efficiency to a heat tracing system by utilizing PASC control mode to proportionally energize the power to the heating cable to minimize energy based on ambient sensed conditions.

STEPS TO SUCCESS



Download the 460 controller Data Sheet
(H60792)



Contact your local nVent RAYCHEM
Rep for more info about:

- Recommended stock
- Pricing
- Training modules

Download the Pipe Freeze Protection and
Flow Maintenance Design Guide (H55838)

Download the Heat Tracing for Plumbing
Piping Specifications (H59868)

TOOLS & RESOURCES

[460 Controller Landing Page](#)

[CAD Drawings](#)

[BIM](#)



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER