Commercial

Heat Tracing

THERMON®

The Heat Tracing Specialists®

Commercial
Heat Tracing

Thermon offers a complete range of heat tracing products and services for the commercial construction market. Whether freeze protecting pipes, melting snow or ice on roofs and outdoor surfaces, protecting freezer floors or maintaining temperatures on hot water supply lines, Thermon has your heating solution.

Complete Heating Solutions

For projects large or small, Thermon is committed to solve your heating needs and ensure a smooth and efficient installation of your heating system.

Products and Services

Thermon manufactures the widest variety of heating cables in the world (self-regulating, parallel constant watt, series resistance and mineral insulated).

In addition to this extensive product selection, Thermon offers project assistance services ranging from simple product selection, computer-generated drawings with installation instructions to complete turnkey packages.

Piping Freeze Protection Applications

FLX™ Self-Regulating Heating Cables

While an insulated pipe can withstand cold temperatures longer than an uninsulated pipe, eventually the contents of the pipe will cool to the temperature of the surrounding environment. FLX™ heating cables are designed to provide freeze protection of metallic and nonmetallic pipes, tanks and equipment by replacing the heat lost through the thermal insulation into the air.

- Self-regulating heat output
- Rugged and reliable
- Easy to design
- Easy to install
- Excellent for use on metallic and nonmetallic piping

Hot Water Temperature Maintenance Applications

HSX® Self-Regulating Heating Cables

Thermon's HSX heating cables maintain hot water at desired nominal temperatures without the need for costly recirculation systems. Energy savings can be realized due to elimination of recirculated water that requires continuous reheating.

- Reliable, self-regulating performance
- Saves water and energy
- Simplified design and installation
- Hot water temperatures are maintained without the need for thermostats

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Snow and Ice Melting Applications

SnoTrace™ RGS™ Self-Regulating Heating Cables

Avoid the possibility of property damage and ensure a safe environment with Thermon's RGS self-regulating electric heat tracing cables. Designed and approved specifically for roof and gutter applications, RGS withstands direct exposure to harsh environmental conditions.

- Self-regulating performance means increased power output when needed, when snow or ice is present, and decreased power output when exposed to dry air
- Simple installation using ordinary hand tools, cable roof fasteners and cable hangers for gutters and downspouts

SnoTrace™ KSR™ Self-Regulating Heating Cables

Self-regulating heating cables have become the industry standard for snow and ice melting systems. Thermon's KSR cables are high performance heating cables with cut-to-length parallel circuitry, easily adapted to variations in design found at the job site. KSR cables are specifically designed for direct burial in concrete and can even withstand the higher temperatures found with asphalt installations.

- Flexible and simple to design for stairs and complex layouts
- Durable construction designed for long-term operation

Thermon has a variety of other snow and ice melting options. Contact Thermon for recommendations on these applications.

Freezer Floor Frost Heave Prevention

FLX™ Self-Regulating Heating Cables

FLX cables, when run in conduit in the substrate, provide frost heave protection by maintaining the ground temperature above freezing.

FLX self-regulating cables vary heat output to compensate for the surrounding conditions This self-regulating feature occurs along the entire length of a heat tracing circuit to ensure each point receives the required amount of heat while conserving energy.

- Self-regulating performance with easy design and installation for all applications
- Cut-to-length parallel circuitry allows field terminations

Commercial Control and Monitoring

Thermon can provide control systems to meet any need, from a simple ambient sensing thermostat or a single snow sensor, to a sophisticated microprocessor-based monitoring system.

- Energy savings
- Reliability
- Alarm notification
- Centralized control
- Minimize energy cost

Offices Worldwide

UNITED STATES CANADA
NETHERLANDS ENGLAND
FRANCE GERMANY RUSSIA
AUSTRALIA MALAYSIA CHINA
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