

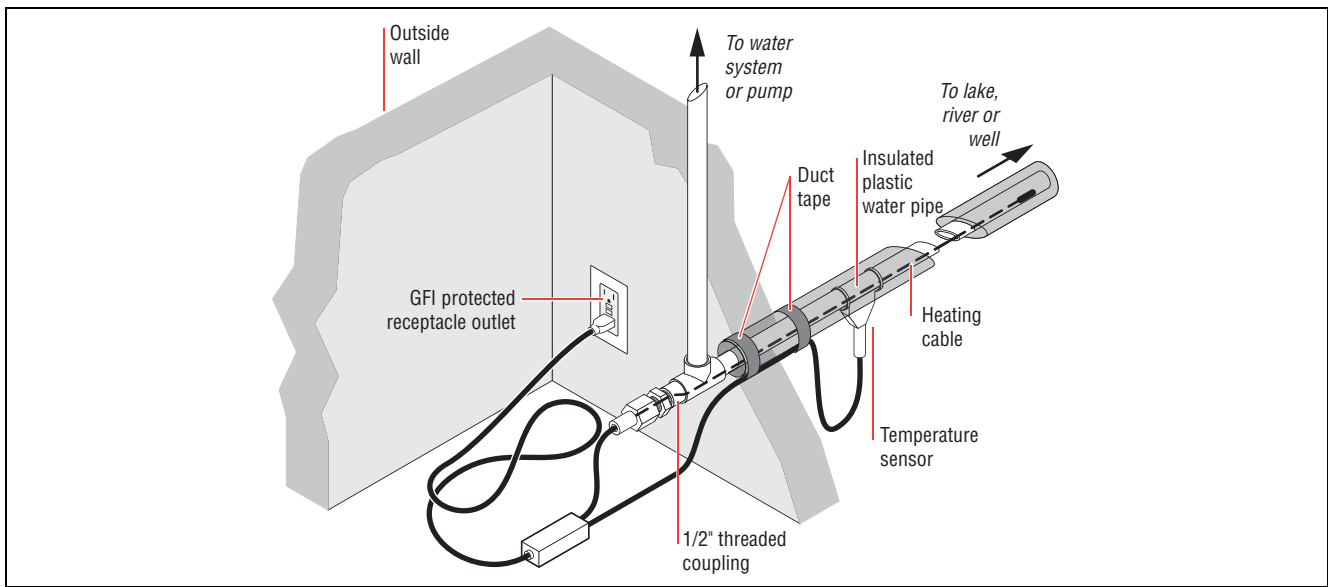
In-Pipe Heating Cable

Mini WinterGard is a pipe freeze protection system that heats insulated plastic pipes from the inside.

Utilizing a heavy-duty cable that is made entirely of metal and mineral insulation, Mini WinterGard is an energy efficient

in-pipe heating cable for pipes between 14 feet and 34 feet in length. Mini WinterGard includes a thermostat and is designed for use with 1/2" to 1-1/4" polyethylene, PVC, CPVC, and copper pipes that are insulated with closed-cell insulation.

For additional information, contact your Tyco Thermal Controls representative or call Tyco Thermal Controls at (800) 545-6258.



| | |
|----------------------------|--|
| Application | Freeze protection of potable water pipes |
| Area classification | Nonhazardous areas |
| Pipe type | 1/2" to 1-1/4" polyethylene, PVC, CPVC, and copper pipes |
| Supply voltage | 120 Vac |
| Cable material | Stainless steel sheathed mineral insulated cable |
| Minimum bend radius | 1.5-in (38 mm) |
| Thermostat | |
| Sensor type | Built-in bimetallic thermostat |
| Setpoint | 45°F (7°C) |
| Sensor lead length | 6 ft (1.8 m) |

Approvals



Type 4A, 4B, D
Made in Canada
This product is suitable for potable water

| | |
|--|--|
| Estimating the length of heating cable required | Measure the pipe length while allowing for the contour of the land. The Mini WinterGard heating cable can be up to 6 inches shorter than the pipe, but the pipe may be lengthened, if necessary, to accommodate the heating cable length. |
| Installation | For proper installation, refer to the <i>Mini WinterGard In-Pipe Heating Cable Installation Instructions (H57266)</i> . Additional literature is available via the Tyco Thermal Controls web site, www.tycothermal.com . |
| Insulation type and thickness | Closed-cell polyethylene thermal insulation, 1/2-in (13 mm), customer supplied |
| Ground-fault protection | To minimize the danger of electrical shock or fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with Tyco Thermal Controls requirements, agency certifications, and national electrical codes, ground-fault protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit breakers. Mini WinterGard must be plugged into a 5-mA GFI protected outlet. |

Mini WinterGard Product Specifications

| Catalog number | Length ft (m) | Watts | Nominal lb (kg) |
|----------------|---------------|-------|-----------------|
| MINI-120-14 | 14 (4.3) | 56 | 2.2 (1.0) |
| MINI-120-18 | 18 (5.5) | 70 | 2.4 (1.1) |
| MINI-120-22 | 22 (6.7) | 85 | 2.5 (1.1) |
| MINI-120-26 | 26 (7.9) | 95 | 2.7 (1.2) |
| MINI-120-30 | 30 (9.1) | 120 | 2.5 (1.1) |
| MINI-120-34 | 34 (10.4) | 130 | 3.5 (1.6) |

Tyco, Mini WinterGard, and WinterGard are trademarks of Tyco Thermal Controls LLC or its affiliates.

Worldwide Headquarters
Tyco Thermal Controls
 307 Constitution Drive
 Menlo Park, CA 94025-1164
 USA
 Tel (800) 545-6258
 Tel (650) 216-1526
 Fax (800) 527-5703
 Fax (650) 474-7711
info@tycothermal.com
www.tycothermal.com

Canada
Tyco Thermal Controls
 250 West Street
 Trenton, Ontario
 Canada K8V 5S2
 Tel (800) 545-6258
 Fax (800) 527-5703

Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their particular application. Tyco Thermal Controls makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. Tyco Thermal Controls' only obligations are those in the Tyco Thermal Controls Standard Terms and Conditions of Sale for this product, and in no case will Tyco Thermal Controls or its distributors be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use, or misuse of the product. Specifications are subject to change without notice. In addition, Tyco Thermal Controls reserves the right to make changes—without notification to Buyer—to processing or materials that do not affect compliance with any applicable specification.