

# EasyHeat™ In-Line Self-Regulating Heating System

In-Line Heating, Inside-the-Pipe Self-Regulating Heating System. For Residential Applications.

## Product Overview

- The In-Line Self-Regulating (ILSR) heating system provides effective, economical, in-pipe freeze protection for potable and non-potable water supply, drain and vent lines.

## Applications

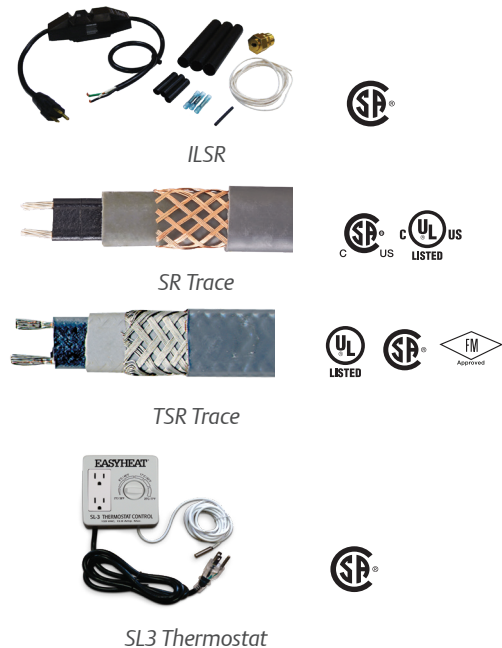
- Prevent freezing of water supply in cottages, homes and barns that use a lake, reservoir or spring for their potable water.
- Process water
  - Drain lines
  - Vent pipes
- Sump pump lines

## Features

- Maximum freeze protection for water supply pipes in ambient temperatures down to -40 °F (-40 °C).
- Freeze protection in plastic or metal pipes up to 6 in (15 cm) in diameter.
- 120 Vac operating voltage.
- For use with EasyHeat™ self-regulating heating cables SR31J and TSR31-F.
- Maximum cable length is 220 ft (67 m) using SR31, or 275 ft (84 m) using TSR31-F.
- Withstands water pressure up to 60 PSIG.
- ILSR Includes shrink tubes, crimp connectors, 3/4 in NPT fitting and 6 ft (2 m) pull cord with in-line ground fault circuit interrupter (GFCI) with reset button for safety protection.
- One year limited warranty.

## Related Products

- ILSR can be used with the TSR31F self-regulating cable for potable, non-potable water supply lines and longer length applications. See *EasyHeat™ TSR Cable*.
- ILSR can be used with the SR31J self-regulating cable for process, non-potable water and sump pump line applications. See *EasyHeat™ SR Trace™ Cable*.
- The SL3 thermostatic control is recommended to conserve energy and extend cable life. See *EasyHeat™ SL Thermostatic Controllers*.



## Certifications

- ILSR Connection Kit is CSA Certified for US and Canadian Standards.
- SR Trace™ cables are UL Listed to US and Canadian Standards.
- TSR cables are UL Listed, CSA Certified, and Factory Mutual Approved.
- SL3 Thermostat Controller is CSA Certified.

### Notes

- The maximum system pressure must not exceed 60 PSIG.
- The pipe must be insulated using 1 in fiberglass foam or equivalent insulation. If uninsulated, the water pipe should be buried in at least 6 in (15 cm) of topsoil or sand.
- It is expected that one cable would be installed in 3/4 in to 2 in (19.05 mm to 50.8 mm) diameter pipe. For pipes greater than 2 in up to 6 in diameter, two parallel runs of cable would be necessary and each cable will require its own individual In-Line Self-regulating Heating System.

## Product Selection

Catalog Number	Description	Carton Quantity	Carton Weight lb (kg)	UPC
ILSR	In-Pipe Connection Kit	1	2.2 (1)	01362719593
SR31J	Self-regulating heating cable, 3 Watts per foot, 120 Vac, cut-to-order length non-potable water and process water and sump pump lines	1	0.057 (0.026) per foot	01362701020
SR31J250	Self-regulating heating cable, 3 Watts per foot, 120 Vac, 250 ft (76.20 m) spool	1	20 (9.1)	01362706925
TSR31F	Self-regulating heating cable for potable drinking water, 3 Watts per foot, 120 Vac, cut-to-order length	1	0.051 (0.112) per foot	01362700302
SL3	Thermostat, adjustable dial from +36 °F to +77 °F (+2 °C to +25 °C)	1	2.2 (1)	01362719387