

SELF-REGULATING HEATING CABLES

Rizer-Line employs the unique and advanced performance of self-regulating heating cable technology which allows the Rizer-Line to effectively increase heat to the specific areas which are cold while simultaneously reducing heat to points which are warm. You never have to worry about the Rizer-Line overheating with this incredible technology, even if the pipe is dry and/or insulated. Rizer-Line is available with inline GFCI ground fault protection providing no risk of shock to the animals if damage to the heating cable was to ever occur. Rizer-Line gives you the peace of mind of reliable freeze protection without any danger. It has become an essential product for farmers and barn managers to provide safe and reliable freeze protection to their livestock.



ACCESSORIES

Rizer-Line comes with all the components necessary for the heating cable to be operational. There are however some accessories which can be incorporated for customized performance such as insulation, timers and thermostats.

INSULATION

Insulation can be used to increase energy efficiency and cold weather reliability by retaining the heat inside the pipe and water bowl casing. Since the heating cables are self-regulating they cannot overheat and will reduce their heat (watt) output when warm. There is no concern of under or over-heating, even if the riser pipe and/or bowl is dry.



Rizer-Line AT A GLANCE

- Rizer-Line systems are cCSAus and NSF/ANSI 61 certified
- Can be installed in and on both metallic and non-metallic pipes
- Five year warranty with optional 10 year extended
- Rizer-Line can be fully insulated to decrease energy costs
- Rizer-Line will never melt or burn out your water pipe, even if the pipe is dry
- Fast installation - Rizer-Line comes ready to use
- Control devices are optional
- Easily integrates with existing plumbing by way of Philmac threaded male adapter

SPECIAL REQUIREMENTS

Since 1988 Heat-Line has been specializing in freeze protection of all types. If you have a special application of any kind, give us a call. Special system designs are common to us. We manufacture many other innovative products not mentioned in this brochure.



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Rizer-Line

Preferred Heating Cable Solution To Prevent Automatic Livestock Waterers From Freezing




cCSAus
Drinking Water
NSF/ANSI 61

ABOUT RIZER-LINE

Rizer-Line from Heat-Line provides livestock with safe and reliable winter water, even in the most extreme winter conditions. Livestock owners and managers can rest assured knowing their valuable assets are protected.

The Rizer-Line system combines both Heat-Line's advanced internal and external heating cable. Providing internal protection of the water supply line that extends below the ice/frost line and external protection of the smaller plumbing pipes and valves within the water bowl housing. As Rizer-Line is installed inside the water supply line there is no need to expose the pipe making installation fast and simple for existing water systems. Providing water to livestock in cold climates is vital and with Rizer-Line the solution to frozen waterers and drinking bowls could not be simpler.



SPECIFICATIONS

- cCSAus approved (Canada and USA)
- Designations P and X Canada
- Installation Type D USA
- NSF 61 approved for potability (safe drinking water)
- 10 feet (3m) of internal heating cable to insert into riser with 2 feet (0.6m) of exposed external heating cable to apply to internal pipes
- Rated 26 watts total at 50°F, self-regulating
- Supplied with 1 inch male adapter plumbing fitting for a versatile and simple connection
- **120V GFC models:** 4 feet (1.2m) power supply lead with 27 milliamp ground fault circuit interrupter plug-in device
- **240V GFC models:** 6 feet (1.8m) power supply lead with 27 milliamp ground fault circuit interrupter plug-in device
- **120V or 240V CS models:** 6 feet (1.8m), 14 AWG SJEOOW supply cord for direct hard wire connection (GFCI must be field installed)



INSTALLATION

The Rizer-Line heat tracing cable is supplied as a job-ready, pre-assembled system that is a safe and reliable solution for automatic water bowls and supply pipes whether they consist of any metallic and non-metallic materials. This includes but is not limited to copper, PEX, polyethylene, ABS, PVC, galvanized, stainless, ductile iron, rubber, vinyl and more. Even in applications where pipes are intended to be dry for short or extended periods of time, the Rizer-Line will never over-heat or melt the pipe due to its advanced self-regulating technology.

Rizer-Line is supplied with a 1 inch male threaded Philmac adapter to interface into the existing water supply pipe. The water supply pipe must be a minimum of ¾ inch internal diameter for it to accommodate the Rizer-Line heating cable. The pipes within the water bowl casing that will be protected using the external portion of the heating cable can be of any material or diameter.

