

Rizer-Line

The Preferred Heating Cable Solution for Preventing Automatic Water Bowls from Freezing

Rizer-Line is a job-ready freeze protection kit designed to be installed with existing automatic water bowls to supply reliable and safe drinking water.



See more product information, videos, photos, technical documents, and more



Patents USA and Canada NSF/ANSI 61

Rizer-Line

Features & Benefits

- The only heating cable system designed specifically for automatic water bowls
- Plumbing fitting included – 1 inch MIPT thread
- Available in a plug-in GFCI model or hard wire cord-set model depending on application
- In-pipe length can be adjusted (shortened) on the job-site by means of extracting the cable through plumbing fitting
- Suitable for installation in pipe diameters ¾ inch and larger
- Suitable for installation in/on plastic and metal pipes
- Fully serviceable, can easily be removed if necessary
- Can be fully insulated to maximize energy efficiency
- Suitable for above ground applications with insulation
- Will never melt or overheat, even if pipe is dry
- Can be overlapped without concern of overheating
- Proven in -40°F weather above ground with ¾ inch polyethylene insulation

Specifications

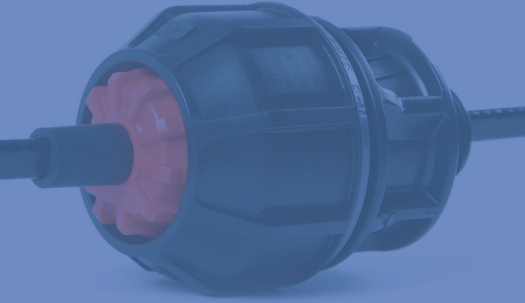
- cCSAus approved (Canada and USA) LR85446
- NSF/ANSI 61 Drinking Water Safe
- Approved for potable drinking water
- Certified Usage Type P and X Canada
- Installation Type D USA
- Self-regulating/conductive polymer heating cable
- Fluoropolymer outer jacket
- Standard wattage 3 W/ft @ 50°F (10 W/m @ 10°C), 5 W/ft @ 50°F (16 W/m @ 10°C) available by special request
- Available in 120V and 240V
- 10 feet of in-pipe heater and 2 feet of on-pipe heater
- Available with either GFCI plug or CS hard wire connection
- Standard warranty of 5 years, with optional 10 years extended

Applications

- Anywhere automatic livestock watering bowls require freeze protection

For more Features and Benefits common to all Heat-Line systems, refer to page 6.





Complete System

Rizer-Line is the preferred heating cable solution for preventing automatic water supply bowls from freezing.

All In One System

Rizer-Line is a complete kit designed to internally freeze protect the water supply pipe coming up to the bowl and externally freeze protect the small pipes within the bowl casing itself.

Safe For Livestock

Rizer-Line is safe to use in/on all pipe materials including plastic. The self-regulating technology ensures it will never overheat and melt. The GFCI prevents risk of shock to animals if the heating cable were to ever sustain damage.

CSA/NSF Approved

Rizer-Line has been through the strictest tests by CSA and NSF to prove it is safe to use in drinking water. We understand the animals deserve the best, clean water without harmful toxins.

Easy Installation

Simple, effective design for ease of installation. Supplied with everything you need to have the system operational; factory terminated heating cable, plumbing fitting and either choice of plug-in with GFCI or hardwire. Install 10 feet of heater inside the supply and the remain 2 feet on the external pipes and under the water bowl.

Will Not Overheat

Manufactured using North American self-regulating heating cable which adjusts its heat output based on surrounding temperatures. It can never overheat, even on plastic pipes or if the pipe is dry.

Requirements

Can interface into any supply pipe $\frac{3}{4}$ inch ID or larger and protect any size pipes or tubes within the bowl casing itself. Can be supplied in 120 or 240 volt. As a plug-in unit with GFCI protection or as a direct hard wire unit.

Fully Serviceable

The Rizer-Line can easily be removed and re-installed if ever necessary.

Emergency Systems

Can be installed as a precautionary system to only be energized if a freeze up occurs. It will easily, safely and quickly melt and clear frozen water pipes.

Energy Efficient

Complete product is rated at only 36 watts, self-regulating.



Rizer-Line | Product Code Guide

Example: **RL - 100 - 012FLG**

Product

RL 120 V Rizer-Line
RL2 240 V Rizer-Line

Thread Size

100 Male adapter MIPT fitting 1"

Cord-Set Type

FLG Ground fault protected
5-15 P 120 V / 6-15 P 240 V
FLC Cord connected (no GFCI)

Length of System

12 ft

NOTE: Nominal power output of Rizer-Line system is 3 W/ft @ 50°F (10 W/m @ 10°C) or 5 W/ft @ 50°F (16 W/m @ 10°C). Only available in Drinking Water Safe Fluoropolymer outer heating cable jacket.

Rizer-Line | Accessories

HLJ-STAT 120V plug-in thermostat (GFC)
HLP-STAT 120/240V hard wire thermostat (CS)
HLA-120 120V plug-in thermostat (GFC)
TIMER-120P 120V plug-in timer (GFC)
TIMER-240P 240V plug-in timer (GFC)
TIMER-CS 120/240V hard wire timer (CS)
MA-10 120/240V GFCI/ELCI (CS)

INSUL-1.00 Insulation sleeve for 1 inch ID pipe (1 5/8 inch ID, 6 ft long)
HLP-TAPE Tape for insulation sleeve butt joints (100 ft)
INSUL-FOIL Aluminum bubble foil insulation (16 in wide, sold by the foot)
FOIL-TAPE All weather aluminum foil tape (150 ft)
PLD-CG Cable guards/protectors (pkg of 4, 6 in each)
WARRANTY Extended 10 year limited warranty

Rizer-Line | Typical Cross Section

