

Warmup SR-KxUJ Unjacketed Parallel Self-Regulating Cable

Freeze Protection for Metal Residential Supply Pipes



Self-Regulating Technology

Automatically adjusts heat output in response to pipe temperatures, increasing heat output when temperatures fall and reducing output when temperatures rise, protecting pipes from freezing.

Unjacketed Construction

The unjacketed cable construction improves flexibility, reduces overall cable dimensions and promotes effective heat transfer when installed directly against the pipe beneath thermal insulation.

Energy Efficient Operation

The self-regulating conductive core continuously responds to changing pipe temperatures, helping provide heat only when and where it is required.

cETLus Certified

When installed using approved Warmup SR-HTMK connection kit, the system provides recognised freeze protection for residential water supply pipe applications.

Overview

The Warmup SR-KxUJ Unjacketed Self-Regulating Heating Cable is a parallel self-regulating heating cable designed for freeze protection of metal residential water supply pipes in dry locations protected from rain and sunlight.

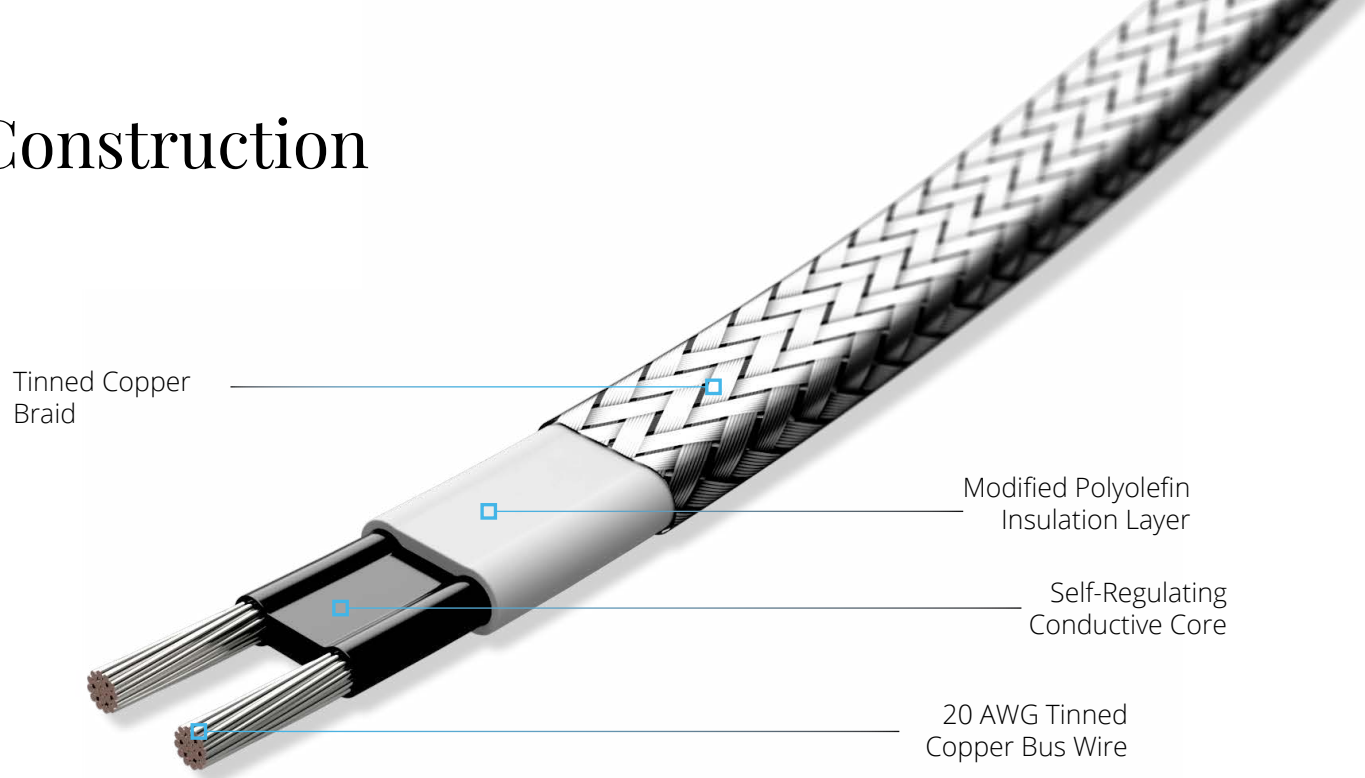
The self-regulating heating core automatically adjusts heat output in response to pipe temperature, increasing output in colder conditions and reducing output as temperatures rise to help improve energy efficiency and reduce the risk of overheating.

The cable is supplied at set lengths or a cut-to-length 250ft spool and is intended for installation using Warmup SR-HTMK approved connection and termination kit.

The cable features an unjacketed construction with a tinned copper grounding braid as its outer layer. This design provides a flexible and reliable freeze protection solution for metal residential pipe applications while maintaining the benefits of self-regulating technology.

Warmup

Construction



SR-KxUJ Intended Applications

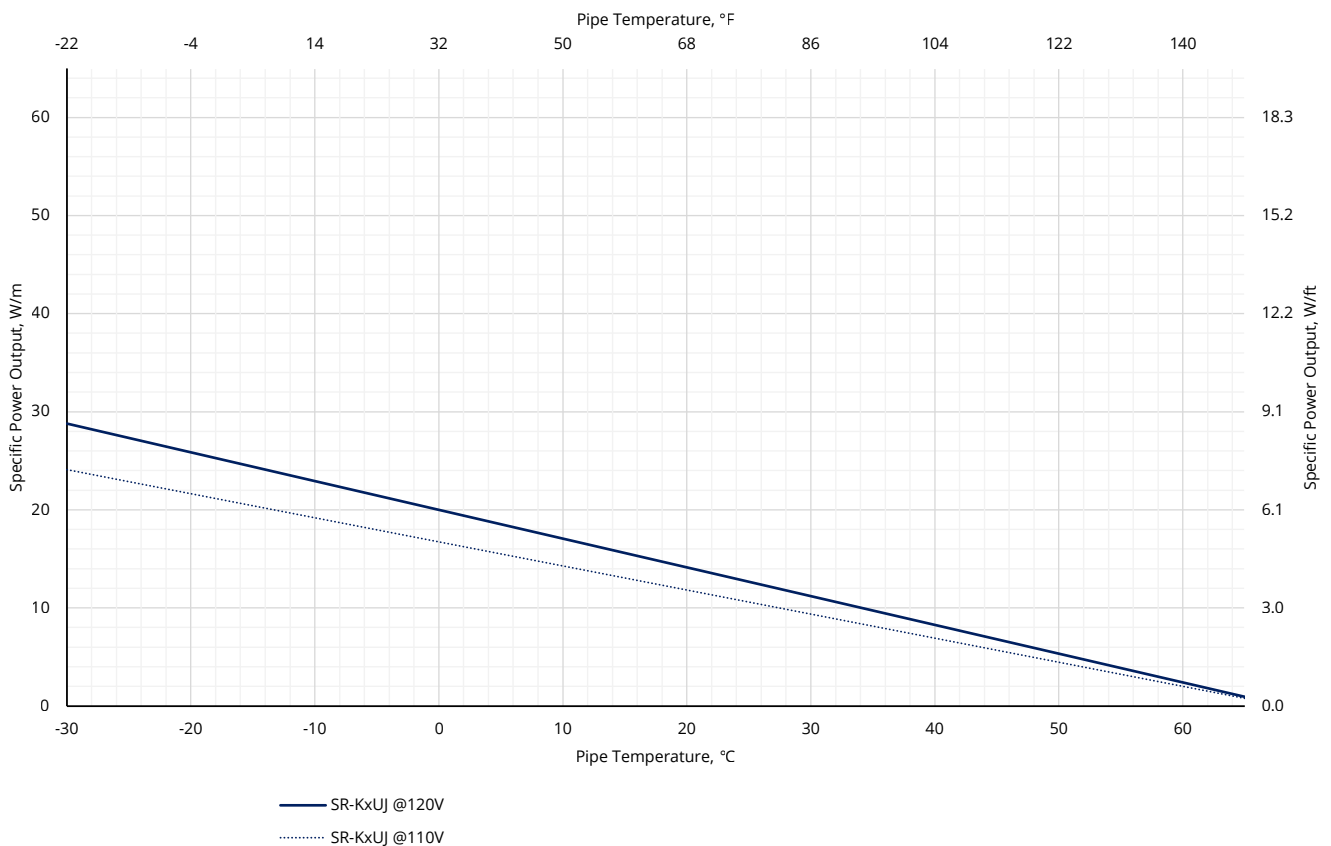
Region	Certification	Classification / usage	Product specific intended application
US	UL Subject 2049	Residential metal pipe heating cable	Freeze protection of insulated metal water supply pipes
Canada	CSA C22.2 No. 130	Usage G: General use	

Technical Specifications

Model	SR-K $\times$ UJ <i>x = Cable length in feet</i>
Power Output	5.0 W/ft (16.4 W/m) @50°F (10°C) Insulated Pipe
Operating Voltage	110 - 120 V AC; 50-60 Hz
Minimum Bend Radius	1¼" (30 mm)
Minimum Installation Temperature	-20°F (-29°C)
Maximum Maintenance Temperature	+149°F (65°C)
Protective Braid Resistance	< 29 Ω /mi (18.2 Ω /km)
Maximum Length per Circuit	75ft (22.8m)
Required Ground Fault Equipment Protection (GFEP)	30mA
Dimensions	¼" (6.66mm) (W) x ¼" (4.06mm) (T)
Warranty	10 Years

Power Output Curves

Specific Power Output on Pipe: SR-K $\times$ UJ



Part Numbers

SR-KxUJ Self-Regulating Cable					
Model	Description	Assembly	Voltage	Cable Length	Nominal Power Output @ 50°F (10°C) Insulated Pipe
SR-K6UJ	Unjacketed parallel self-regulating cable for freeze protection of insulated metal residential water supply pipes.	Factory assembled with SR-HTMK power connection and end seal	110-120 VAC; 50-60Hz	6 ft (1.83 m)	30 W
SR-K12UJ				12 ft (3.66 m)	60 W
SR-K18UJ				18 ft (5.49 m)	90 W
SR-K24UJ				24 ft (7.32 m)	120 W
SR-5W-1-250-U		250ft cut to length spool, requires field assembly using SR-HTMK for power connection and end seal		250ft spool (76.2m)	5.0 W/ft (16.4 W/m)
SR-KxUJ Accessories					
Model	Description	Component type	Application		
SR-HTMK	Power connection and end seal kit for SR-KxUJ self-regulating cable	Connection and termination kit	Required for field assembly of SR-5W-1-250-U cable		
SR-TAPE-UJ	Application tape	Installation accessory	Securing SR-KxUJ heating cable to compatible pipework		

Contact

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