

## PRODUCT DESCRIPTION

The full range of Warmup UJ self-regulating cable is comprised of the cable in spool format as well as kits, a connection plug-in kit with end seal, and labels. The finished installation may require tape (SR-TAPE-UJ) or a thermostatic plug.

The Warmup range offers the key advantage of 5W/linear foot of heat output. This high-output cable provides better results, better protection against frost, all with less cable required.

## PRODUCT CODES

### Cables & Kits (120V)

| SKU           | Description |
|---------------|-------------|
| SR-K6UJ       | 6' KIT      |
| SR-K12UJ      | 12' KIT     |
| SR-K18UJ      | 18' KIT     |
| SR-K24UJ      | 24' KIT     |
| SR-5W-1-250-U | 250' SPOOL  |



KITS



SPOOL

### Accessories

| SKU        | Description                    |
|------------|--------------------------------|
| SR-HTMK    | Connection and end cap         |
| SR-TAPE-UJ | Application tape (1/2" X 60ft) |
| SR-PLUG    | ON/OFF Plug                    |



SR-PLUG



SR-TAPE-UJ



SR-HTMK

## APPLICATION

- Residential Indoor Pipe Protection
- RV/Mobile home applications



## CABLE CALCULATOR

Self-regulating cable can be applied in a linear or spiral fashion along the pipe. Self-regulating cable can be overlapped or crossed, though avoid excessive concentration of cable in a confined space (i.e. spooling of cable in single spot). To apply the correct amount of heat to protect the pipe from frost, follow the below multipliers.

Multiply the pipe length by the units below to decide how much cable is required. Example: on a 20ft pipe length in Chicago (-30°F possible ambient) with no insulation, use  $20 \times 1.5 = 30\text{ft}$  of cable. Apply the cable in an even spiraling fashion along the pipe. For plastic/PVC pipes, double the quantities obtained using the formula above.

For best results, use Warmup's Aluminum Tape (SR-TAPE-UJ) to secure the cable to the pipe.

|         | Insulation           | None | 1/2" | 1"  |
|---------|----------------------|------|------|-----|
| 1" Pipe | 0 ° F Min. Ambient   | 1    | 1    | 1   |
|         | -30 ° F Min. Ambient | 1.5  | 1.25 | 1   |
| 2" Pipe | 0 ° F Min. Ambient   | 1.5  | 1.25 | 1   |
|         | -30 ° F Min. Ambient | 2    | 1.75 | 1.5 |

## POWER SUPPLY & MAXIMUM CIRCUITS

All UJ cables should be power by 120V supply lines. Based on available amperage or breaker rating, limit the total length of cable on the circuit based on the chart below. Your region's "Minimum Start-up Temperature" will impact your maximum cable length.

| (120V)            | 10A | 15A | 20A |
|-------------------|-----|-----|-----|
| 32 ° F / 0 ° C    | 107 | 127 | 133 |
| 14 ° F / -10 ° C  | 95  | 105 | 120 |
| 0 ° F / -18 ° C   | 73  | 93  | 113 |
| -20 ° F / -30 ° C | 60  | 80  | 107 |

## WARRANTY & MAINTENANCE

When installed according to the installation manual and proper testing has been performed throughout, the system requires no maintenance for the duration of its warrantied life.

The non-jacketed self-regulating cable is warrantied for 1 year against manufacturer's defects. See [www.warmup.com](http://www.warmup.com) for full warranty details.