



## INFORMATION

- Ideal for pipe tracing, freeze protection, and low temperature process maintenance applications up to 250°F (120°C).
- Self-limiting: Automatically adjusts heat output based on surface temperature.
- Safe to overlap and insulate.
- Can be cut-to-length and terminated in the field.
- No temperature controller is required. (If a specific process temperature is needed, a temperature controller is required.)

## SPECIFICATIONS

- Continuous maintenance temperature: 250°F (120°C) maximum
- Intermittent exposure temperature: 366°F (185°C) maximum; -40°F (-40°C) minimum
- 5, 10, or 15 watts/ft (16, 33, 49 watts/m)
- Supply voltages: 110 – 120VAC or 208 – 277VAC
- Moisture, chemical, and flame resistant
- 16AWG bus wires
- Tinned copper braid resistance: 0.003 ohms/ft (0.010 ohms/m)
- T-Rating: T3\*\*

\*\* Electrical equipment T-rating codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.

## SELECTING HEATER LENGTH

Outer Layer Options		
Description	Dimensions	Purpose
Tinned Copper Metal Braid	0.2" x 0.6" (6mm x 15mm)	Ordinary applications
Tinned Copper Metal Braid with Fluoropolymer Overjacket	0.2" x 0.6" (6mm x 15mm)	For use in strong chemical environments (i.e. strong acids)

Maximum Circuit Length in Feet per Circuit Breaker Size				
Heat Cable Type	Circuit Breaker Size	Start-up Temperature		
		50°F (10°C)	0°F (-20°C)	-40°F (-40°C)
5 watt 120 volt	15 amp	150	135	130
	20 amp	200	180	170
	30 amp	240	220	210
5 watt 240 volt	15 amp	250	230	220
	20 amp	330	305	295
	30 amp	480	440	420
10 watt 120 volt	15 amp	90	85	80
	20 amp	120	110	105
	30 amp	180	165	160
10 watt 240 volt	15 amp	140	130	125
	20 amp	190	175	170
	30 amp	280	260	250
15 watt 120 volt	15 amp	70	65	60
	20 amp	90	85	80
	30 amp	130	125	120
15 watt 240 volt	15 amp	100	95	90
	20 amp	135	125	120
	30 amp	200	185	180

*Note: Special consideration must be given for the circuit breaker due to the high initial in-rush currents.*

Voltage Adjustment		
POWER ADJUSTMENT FACTOR		
Product Type	208 VAC	277 VAC
5 watt 240 volt	0.78	1.25
10 watt 240 volt	0.86	1.16
15 watt 240 volt	0.92	1.09