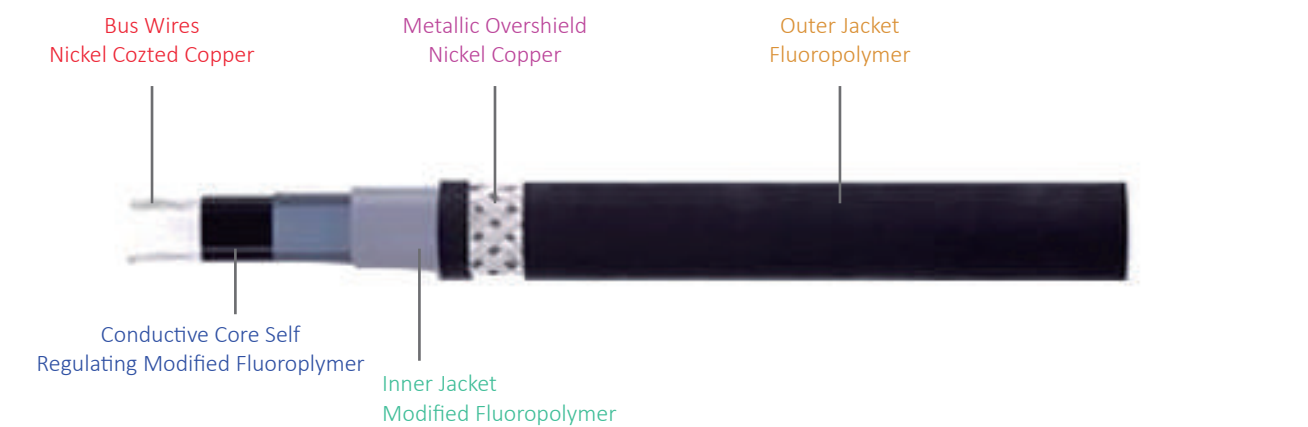


HTU

Self-regulating heating cables

Description

- The HTU series of self-regulating heating cables are designed to supply a specified amount of heat at any point along their length in direct response to local temperature variations. These cables can maintain temperatures up to 375°F (190°C) and will withstand 190 psig saturated steam purging and intermittent temperature excursions to 475°F (250°C) with power applied. HTU series cables can be cut to length and terminated in the field, and will not overheat or burnout when overlapped.



Application

- The industrial grade HTU cables provide freeze protection and process temperature maintenance for fluid transport and storage systems requiring very high levels of heat output or exposure to elevated temperatures. The bus wires, jackets and metallic braids can be configured for both ordinary (non-classified) locations and hazardous (classified), including areas where exposure to corrosive or organic materials is possible.

Performance Ratings

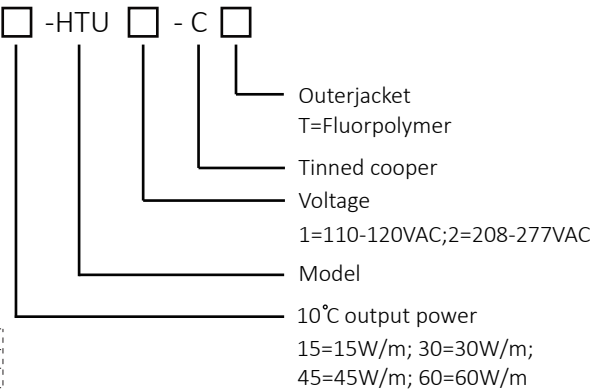
Output wattage:	15,30,45,60w/m @ 50°F(10 °C)
(other wattages also available)	
Supply voltages:	110- 120 or 208V- 277Vac
Continuous maintenance temperature:	375°F (190°C) max
Intermittent exposure temperature:	450°F (232°C) max
T Rating*:	T-2C

Braid resistance: Tinned copper:	0.009 /m
Size:	11.0mm*5.2mm;
Min.bending radius:	12mm
Min.bending radius: 33mm	

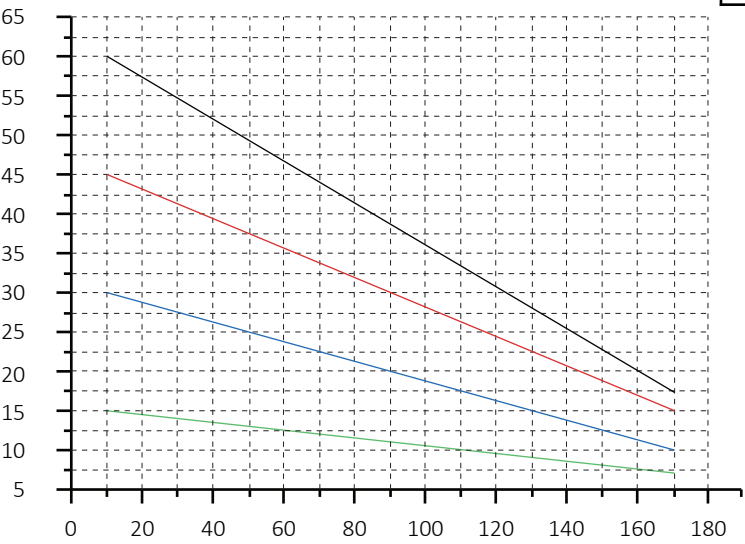
Power Adjustment Factor

Part No.	208 Volts	277 Volts
30HTU2-CT	0.88	1.14
60HTU2-CT	0.94	1.08

Product ordering information



Power Output Curves

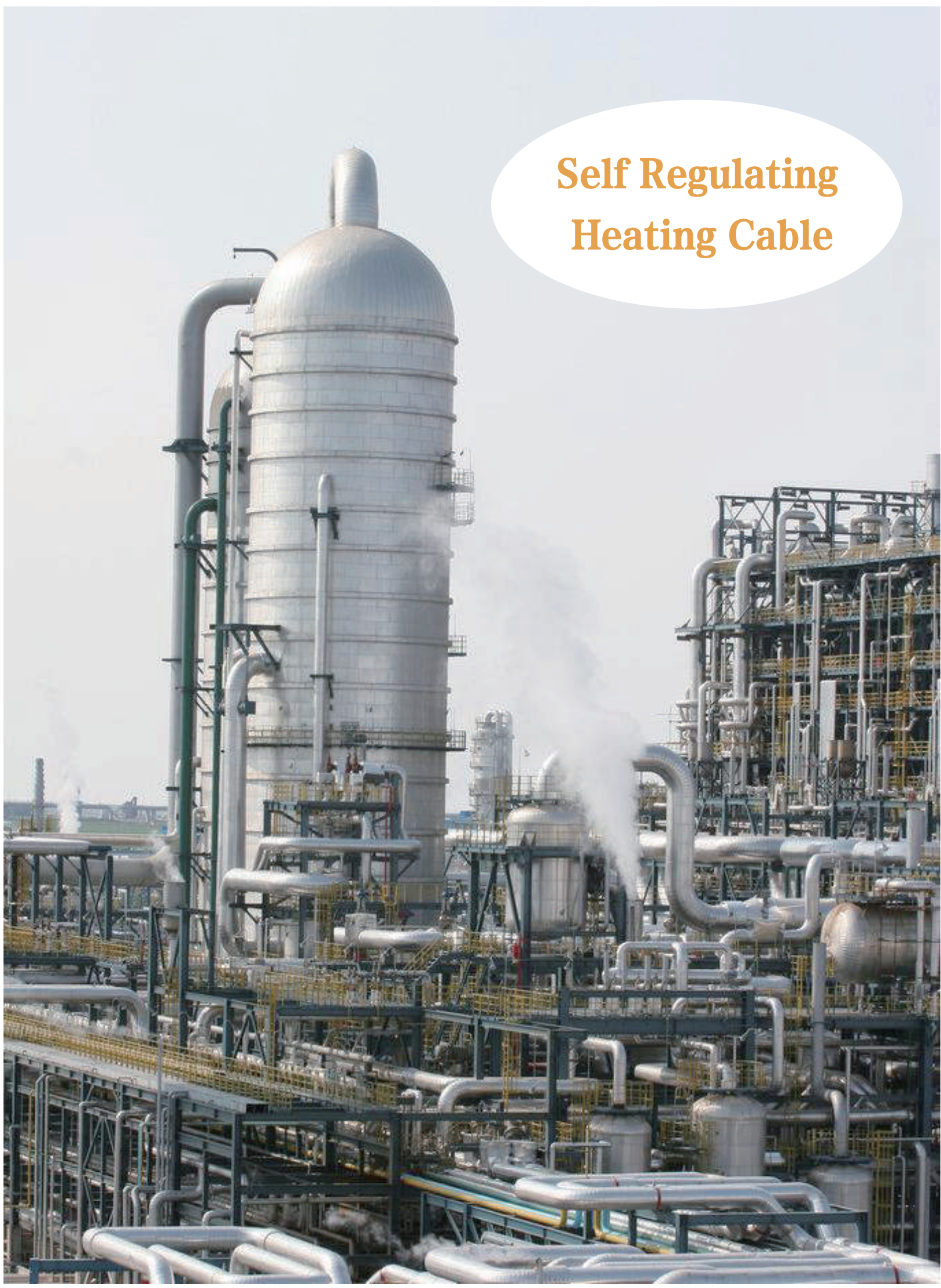


Circuit Breaker Sizing vs. Max Circuit Length(m)

Minimum Start-up temperature	CB size Amps	15HTU 120 V	30HTU 120 V	45HTU 120 V	60HTU 120 V
50 °F (10 °C)	15	55	37	24	18
	20	73	49	32	27
	30	102	55	41	37
0 °F (-20 °C)	15	50	32	21	17
	20	67	43	27	21
	30	100	55	41	34
0 °F (-20 °C)	15	46	27	18	15
	20	61	37	24	20
	30	91	55	37	30



Minimum Start-up temperature	CB size Amps	15HTU 240 V	30HTU 240 V	45HTU 240 V	60HTU 240 V
50 F (10 C)	15	110	73	49	35
	20	146	98	64	46
	30	165	110	82	70
0 F (-20 C)	15	99	70	43	33
	20	131	93	56	44
	30	165	110	82	67
0 F (-20 C)	15	88	69	37	32
	20	117	91	49	43
	30	165	110	73	64



Self Regulating Heating Cable