

# **FREEZE PROTECTION CATALOG**

*High-quality, energy-efficient solutions to help  
mitigate freeze-induced damage and downtime*



## Introduction to Freeze Protection



WinterShield™ Page 15

### Protect your product and your production.

When weather conditions get harsh and the cold hits, things can go sideways fast. Freezing temperatures can mess up equipment, slow down production, and even grind your whole operation to a halt. And when things stop moving, that's bad news for your bottom line. That's why having a solid plan to deal with the freeze is extremely important no matter your industry.

At BriskHeat, we provide advanced, customizable freeze protection solutions that suit any industry. From heat trace to full-coverage drum heaters, our goal is to ensure your materials and equipment stay within optimal operating temperatures. Our high-quality, energy-efficient solutions help mitigate freeze-induced damage and downtime. By integrating BriskHeat's freeze protection solutions, any industry can safeguard its operations and financial performance, no matter the weather.

### We can help you, anytime, anywhere.

BriskHeat Account Executives are a resource for corporate partners, local distributors, manufacturers' representatives, and end users. With distributors and reps located throughout North and South America, Asia, Europe, and Australia, local support is available to provide the right solution to your heating needs.

**Scan the QR and shop our comprehensive online store!**



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# SLCAB Self-Regulating Heating Cable

## Features & Benefits

- Ideal for freeze protection and low-temperature process maintenance up to 150°F (65°C)
- Automatically adjusts heat output based on surface and ambient temperatures
- Safe to overlap and insulate
- Moisture, chemical, and flame resistant
- Can be cut-to-length and terminated in the field

## Specifications

### Intermittent Exposure Temperature Range:

-20°F to 185°F (-29°C to 85°C)

**Supply Voltage:** 110-120 VAC or 208-277 VAC

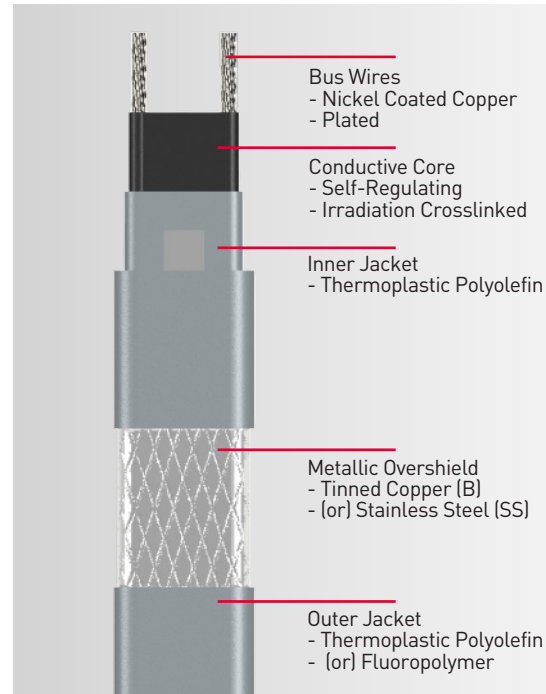
### Nominal Power Output at 50°F (10°C):

3, 5, 8, 10 watts/ft (10, 16, 26, 33 watts/m)

**Bend Radius:** 0.5 in (12 mm)

### T-Rating:

– **T5:** 3 watts/ft (10 watts/m)



## Accessories

Part No.	Description
PSAT36A	Standard Fiberglass Tape Suitable for General Purpose Applications Size: 0.5 in x 108 ft (13 mm x 38 m) Silicone Adhesive Temp Limit: 392°F (200°C)
AAT25	Standard Aluminum Tape Suitable for General Purpose Applications Size: 2.5 in x 180 ft (64 mm x 55 m) Acrylic Adhesive Temp Limit: 305°F (152°C)
AAT260	Extra-Strength Aluminum Tape Enhanced Durability and Adhesion for More Rigorous Applications Size: 2 in x 180 ft (51 mm x 55 m) Acrylic Adhesive Temp Limit: 300°F (149°C)
RTV3.0	Silicone adhesive sealant used to seal 90° elbows and tees; 3 oz (89 ml)
HCP1	Heat Conductive Putty Size: 1 lb (0.5 kg)
HCP3	Heat Conductive Putty Size: 3 lb (1.4 kg)



## Part Number Matrix

Example: **SLCAB3120BF** or **BF1**

Product Series	Watts/ft	Voltage	Outer Layer	Class I, Division 1 Cable
SLCAB	3	120 (110-120 VAC)  240 (208-277 VAC)	<b>B</b> (Tinned Copper Metal Braid)	<b>BF1</b> (Tinned Copper Metal Braid w/ Fluoropolymer Overjacket)  CI/D1 approval for BF1 only. Contact a BriskHeat representative for information on Division I hazardous location systems.
	5		<b>BP</b> (Tinned Copper Metal Braid w/ Thermoplastic Polyolefin)	
	8		<b>BF</b> (Tinned Copper Metal Braid w/ Fluoropolymer Overjacket)	
	10		<b>SS</b> (Stainless Steel Metal Braid)	

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.



Ordinary Locations  
Hazardous (Classified)  
Locations  
Class I, Division 1 and 2,  
Groups B, C, D Class II,  
Division 2, Groups F, G  
Class III, Groups F, G  
3, 5, 8 watts/ft T6  
10 watts/ft T5

Ordinary Locations 2E,  
3 (A, B, C), 5 (A, B)  
Hazardous (Classified)  
Locations Class I,  
Division 1 and 2,  
Groups B, C, D  
Class II, Division 2,  
Groups E, F, G Class III,  
Division 1 and 2  
T4

Hazardous Locations  
II 2GD Gb  
Ex e IIC T\*\*  
Ex tb IIIC T\*\*°C Db  
\*\*3, 5, 8 watts/ft  
T5/T85°C  
\*\*10 watts/ft  
T4/T100°C

Hazardous Locations  
Ex e IIC T\*\* II 2 Gb  
Ex tb IIIC T\*\*°C Db  
\*\*3, 5, 8 watts/ft  
T5/T85°C  
\*\*10 watts/ft  
T4/T100°C



## SLCAB Connection/Termination Kits

**Approvals valid only when** used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

\*Contact a BriskHeat representative for information on Division I hazardous location systems.



Ordinary Locations  
Hazardous (Classified) Locations  
Class I, Division 1\* and 2, Groups B, C, D  
Class II, Division 2, Group F, G  
Class III, Division 2



**SLCABUC** Universal Connection Kit  
(junction box sold separately)



**SLCABUC1** Class I, Division 1  
Power Connection Kit



**SLCABKC1** Class I, Division 1  
End Termination Kit



**SLCABKC**  
End Seal Kit



**SLCABSK**  
Splice Kit

## Ordinary or Class I Division 2 Locations Kits — FM Approved

Part No.	Kit	Enough to Complete
SLCABUC	SLCAB Universal Connection Kit - FM Approved	1 input connection and 2 end terminations; or 1 input power splice <b>Requires:</b> 0.75 in (19 mm) NPT junction box — with appropriate approvals
SLCABSK	SLCAB Splice Kit - FM Approved	10 tee splices or 10 input power connections
SLCABKC	SLCAB End Seal Kit - FM Approved	10 end terminations
SLCABUC1	Class I, Division 1 SLCAB Power Connection Kit - FM Approved	1 power connection. C1D1 junction box included
SLCABKC1	Class I, Division 1 SLCAB End Termination Kit - FM Approved	1 end termination. C1D1 junction box included

**Approvals valid only when** used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.



Hazardous Locations  
II 2GD  
Ex eb IIC Gb  
Ex tb IIC Db  
Service temperatures = -34°C to +110°C



**JBM075**

3 Hub Ordinary Locations Junction Box



**JBH075**

7 Hub Class I Division 1 Locations Junction Box



## Junction Boxes

Part No.	Type	Approvals/Ratings	Dimensions in (mm)	Thread Size in (mm) NPT
JBM050	3 hub metallic junction box with 2 plugs and watertight cover	UL/CSA for ordinary locations NEMA 3R rated	2 x 4.5 x 2.75 (51 x 114 x 70)	0.50 (13)
JBM075				0.75 (19)
JBM100				1.00 (25)
JBH075	7 hub cast aluminum junction box with 6 plugs and watertight cover	UL/CSA for Hazardous Areas CI D1 & 2 Groups B, C, D CII D1 Groups D, F, G	4.6 x 4.6 x 3.5 (118 x 118 x 89)	0.75 (19)
JBH100				1.00 (25)

# SLCBL Self-Regulating Heating Cable

## Features & Benefits

- Ideal for freeze protection, roof and gutter de-icing, snow melting systems, and low temperature process maintenance up to 150°F (65°C)
- Automatically adjusts heat output based on surface temperature
- Safe to overlap and insulate
- Moisture, chemical, and flame resistant
- Can be cut-to-length and terminated in the field

## Specifications

### Intermittent Exposure Temperature Range:

-40°F to 185°F (-40°C to 85°C)

**Supply Voltage:** 110-120 VAC or 208-277 VAC

### Nominal Power Output at 50°F (10°C):

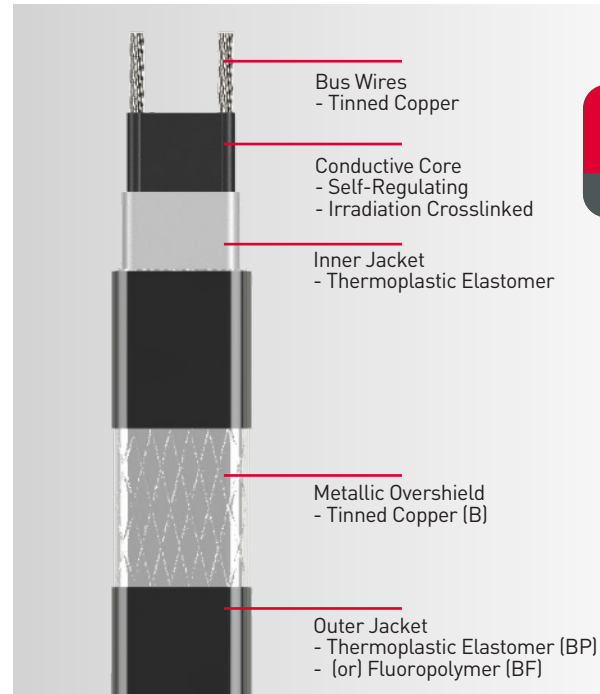
3, 5, 8, 10, 12 watts/ft (10, 16, 26, 33, 39 watts/m)

### T-Rating:

- **T6:** 3, 5, 8, 10 watts/ft (10, 16, 26, 33 watts/m)

- **T5:** 12 watts/ft (39 watts/m)

**Bend Radius:** 0.5 in (12 mm)



## Part Number Matrix

Example: **SLCBL3120BF**

Product Series	Watts/ft	Voltage	Outer Layer
SLCBL	3	120 (110-120 VAC)  240 (208-277 VAC)	<b>B</b> (Tinned Copper Metal Braid)
	5		<b>BP</b> (Tinned Copper Metal Braid w/ Thermoplastic Elastomer Overjacket)
	8		<b>BF</b> (Tinned Copper Metal Braid w/ Fluoropolymer Overjacket)
	10		
	12		

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.



Ordinary Locations  
-B, -BP Series Only Industrial  
& Commercial Pipe Heating

-BP Series only Embedded  
de-icing and snow melting  
systems

-BP Series only

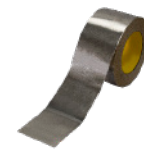


Ordinary Locations  
Hazardous (Classified) Locations  
Class I, Division 2,  
Groups A, B, C, D  
Class II, Division 2,  
Groups E, F, G  
Class III  
T5



## Accessories

Part No.	Description
PSAT36A	Standard Fiberglass Tape Suitable for General Purpose Applications Size: 0.5 in x 108 ft (13 mm x 38 m) Silicone Adhesive Temp Limit: 392°F (200°C)
AAT25	Standard Aluminum Tape Suitable for General Purpose Applications Size: 2.5 in x 180 ft (64 mm x 55 m) Acrylic Adhesive w/Liner Temp Limit: 305°F (152°C)
AAT260	Extra-Strength Aluminum Tape Enhanced Durability and Adhesion for More Rigorous Applications Size: 2 in x 180 ft (51 mm x 55 m) Acrylic Adhesive Temp Limit: 300°F (149°C)
RTV3.0	Silicone adhesive sealant used to seal 90° elbows and tees; 3 oz (89 ml)
HCP1	Heat Conductive Putty Size: 1 lb (0.5 kg)
HCP3	Heat Conductive Putty Size: 3 lb (1.4 kg)



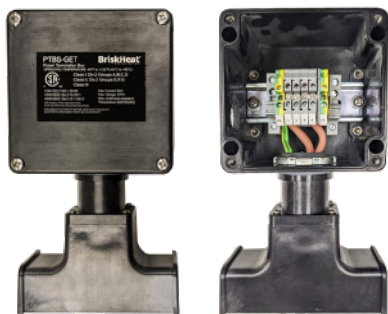
## SLCBL Connection/Termination Kits

For use in hazardous and ordinary area locations with SLCBL cable only (cCSAus approved).

**Approvals valid only when** used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.



Ordinary Locations  
Hazardous (Classified) Locations  
Class I, Division 2, Groups A, B, C, D  
Class II, Division 2, Groups E, F, G  
Class III  
SLCBL -BP, -BF series only



**PTBS-GET** Power Connection Kit with Multiple Entry Junction Box

**Easy to Install**

### Features & Benefits

- Installing three heating cables in one junction box saves installation time and money
- Terminal strip secures each wire separately for safe and easy wiring
- Compression fitting tightly secures to a range of power cords — 0.39 to 0.67 in (10 to 17 mm) diameter

Part No.	Kit	Approval
PTBS-GET	Power Connection Kit with Multiple Entry Square Junction Box	CID2 (CSA)
JHE-LG-GET	Green Monitor Light Kit	CID2 (CSA) & Ordinary
JHE-LR-GET	Red Monitor Light Kit	CID2 (not CSA) & Ordinary
JHE-GET	Low-Profile End Seal Kit	CID2 (CSA)
JHS-GET	Low-Profile Splice Connection Kit	CID2 (CSA)
JHT-GET	Low-Profile Tee Connection Kit	CID2 (CSA)



**JHE-GET**  
Low-Profile End Seal Kit



**JHT-GET**  
Low-Profile Tee Connection Kit

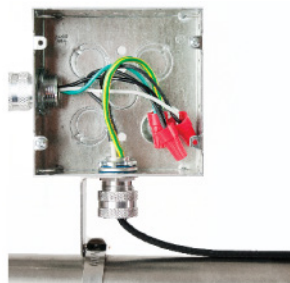
For use in ordinary locations with SLCBL cable only (UL approved).

For use in roof & gutter snow melting & de-icing applications with SLCBL cable only (UL approved).



Ordinary Locations

**Approvals valid only when** used with SLCBL-BP, -BF Series heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.



**SLCBLUC** Universal Connection Kit (Junction Box sold separately) See Page 5



**SLCBLUC-GF**  
Ground Fault Power Connection Kit

Part No.	Kit	Enough to Complete
SLCBLUC	Power Connection Kit	One input connection and one end seal termination <b>Requires:</b> (1) 0.5 in NPT junction box — with appropriate approvals* (1) Pipe strap
SLCBLUC-GF	Ground Fault Power Connection Kit	One ground-fault protection input power connection
SLCBLKC	Power Connection Kit	Two end seal terminations
SLCBLSK	UL Splice Connection Kit	One inline splice connection and one end seal termination, or one tee splice connection and one end seal termination

\*Heating cable with no outer jacket (type -B) requires a metallic junction box for proper grounding

### Features & Benefits

- End-of-Circuit super bright LED light with excellent visibility from all angles confirms at a glance your heat trace cable is energized
- Approved for ordinary and hazardous area locations
- Voltages up to 240 VAC
- Easy-to-install and easy re-entry for maintenance

Ordinary Locations (with SLCBL heating cables)  
Hazardous (Classified) Locations (with SLCBL heating cable only)  
Class I, Division 2, Groups A, B, C, D  
Class II, Division 2, Groups E, F, G  
Class III  
T5: 3,5,8 watts/ft (10, 16, 26 watts/m).  
T6: 10 watts/ft (33 watts/m)



**Approvals valid only when** used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.



**Highly Visible Day or Night**



# SpeedTrace and SpeedTrace Extreme

## Pre-Assembled Self-Regulating Heating Cable

### Features & Benefits

- Ideal for freeze protection, metal or plastic pipe thawing, and indoor/outdoor valves
- Pre-assembled with choice of plug
- Easy-to-install and safe to overlap and insulate
- Automatically adjusts heat output based on surface and ambient temperature
- Suitable for temperatures down to -40°F (-40°C)

### Specifications

**Supply Voltage:** 110-120 VAC; 208-277 VAC

- **SpeedTrace:** 5 watts/ft (16 watts/m) at 50°F (10°C)

- **SpeedTrace Extreme:** 8 watts/ft (26 watts/m) at 50°F (10°C)

- **SpeedTraceCE:** 5 watts/ft (17 watts/m) at 50°F (10°C)

**Maximum Exposure Temperature:** 150°F (65°C)

**Outer Jacket Material:** Moisture and flame-resistant thermoplastic elastomer

**Bus Wire Gauge:** 16 AWG

**Power Cord:**

- **110-120 VAC:** 6 ft (1.8 m) long with 3-prong grounded NEMA 5-15P plug
- **208-277 VAC (SpeedTrace):** 2.5 ft (0.76 m) long with bare wire leads
- **230 VAC (SpeedTraceCE):** 2.5 ft (0.76 m) long with Schuko (CEE 7/7) plug



Power-indicating light let's you know heater is working



**SpeedTraceCE series**  
with 2-prong Schuko  
(CEE 7/7 plug)

**120 VAC SpeedTrace & SpeedTrace Extreme**  
with 3-prong NEMA 5-15  
plug (208-277 VAC includes  
bare wire leads)

### Ordering Information

#### SpeedTrace

5 watts/ft @ 50°F (16 watts/m @ 10°C)

Part No. 110-120 V	Part No. 208-277 V	Length ft (m)
FFSL1-6	FFSL2-6	6 (1.8)
FFSL1-12	FFSL2-12	12 (3.7)
FFSL1-18	FFSL2-18	18 (5.5)
FFSL1-24	FFSL2-24	24 (7.3)
FFSL1-37	FFSL2-37	37 (11.3)
FFSL1-50	FFSL2-50	50 (15.2)
FFSL1-62	FFSL2-62	62 (18.9)
FFSL1-75	FFSL2-75	75 (22.8)
FFSL1-87	FFSL2-87	87 (26.5)
FFSL1-100	FFSL2-100	100 (30.5)
FFSL1-125	FFSL2-125	125 (38.1)
FFSL1-150	FFSL2-150	150 (45.7)

#### SpeedTrace Extreme

8 watts/ft @ 50°F (26 watts/m @ 10°C)

Part No. 110-120 V	Part No. 208-277 V	Length ft (m)
FFSL81-6	FFSL82-6	6 (1.8)
FFSL81-12	FFSL82-12	12 (3.7)
FFSL81-18	FFSL82-18	18 (5.5)
FFSL81-24	FFSL82-24	24 (7.3)
FFSL81-50	FFSL82-50	50 (15.2)
FFSL81-75	FFSL82-75	75 (22.8)
FFSL81-100	FFSL82-100	100 (30.5)

**60% MORE POWER**

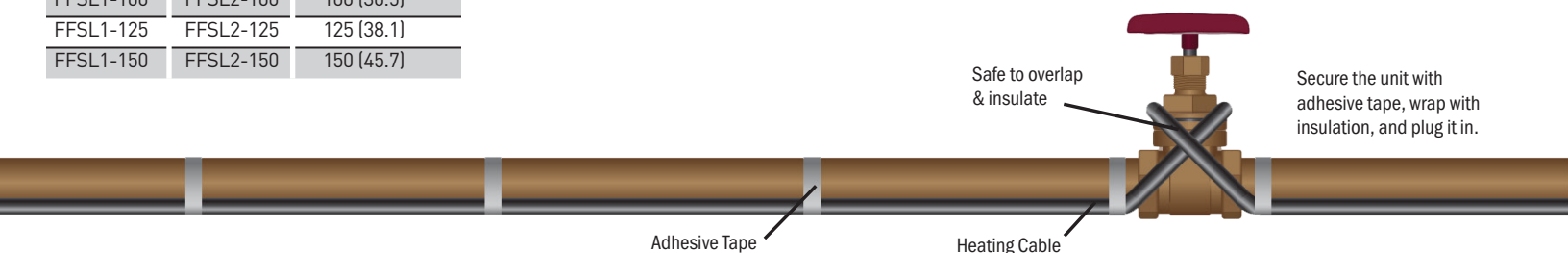
#### SpeedTraceCE

5 watts/ft @ 50°F (17 watts/m @ 10°C)

Part No. 230 V	Length ft (m)
FFSLE2-2M	6.6 (2)
FFSLE2-4M	13.1 (4)
FFSLE2-8M	26.2 (8)
FFSLE2-16M	52.5 (16)



SpeedTrace heating cable wrapped around an outdoor pipe



## SpeedTrace Roof & Gutter De-Icing Kits

### Features & Benefits

- Durable, long lasting professional-grade self-regulating heating cable
- Suitable for residential, commercial, and industrial roofing applications
- Ideal for melting snow and de-icing roofs, gutters, and downspouts
- Easy-to-install: Pre-assembled with choice of 3-prong grounded plug (NEMA 5-15P) or bare wire leads
- Kit includes: SpeedTrace heating cable, downspout hanger brackets, roof clips, and UV resistant ties

### Specifications

**Supply Voltage:** 110-120 VAC, 208-277 VAC

**Nominal Wattage:**

- 5 watts/ft (16 watts/m) at 50°F (10°C)
- 10 watts/ft (33 watts/m) at 32°F (0°C) in ice and snow

**Minimum Exposure Temperature:** -40°F (-40°C)

**Maximum Exposure Temperature:** 150°F (65°C)

**Outer Jacket:** Moisture and flame resistant thermoplastic outer jacket

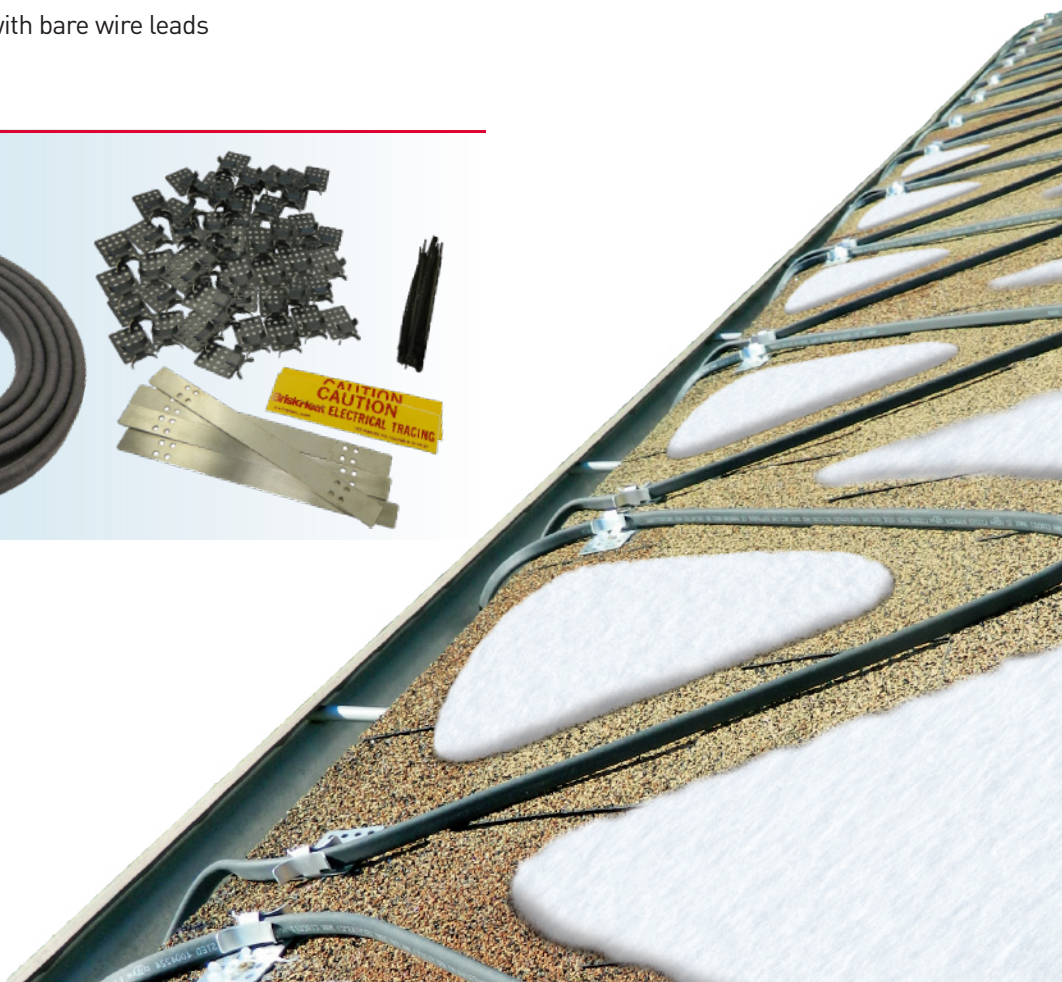
**Bus Wires:** 16 AWG

**Power Cord:**

- **110-120 VAC:** 6 ft (1.8 m) power cord with 3-prong grounded plug (NEMA 5-15P)
- **208-277 VAC:** 2.5 ft (0.76 m) power cord with bare wire leads



**Complete kit includes everything you need!**





# SpeedTrace Roof & Gutter De-Icing Kits

## Installation Requirements

### Suitable for

- Standard pitched roofs with or without gutters
- Standard roofing materials including shingle, shake, rubber, tar, wood, metal and plastic roofs
- Gutters & downspouts made from standard materials including metal and plastic

### Not Suitable for

- Flat, slate, stone, ceramic, composite tar/gravel roofs

### Electrical Requirements

- GFCI protected circuit, local code approved outlet (power source) within close proximity to the heating cable starting point, and protected from the weather



## Measuring Heating Cable Length for Roof & Gutter De-Icing

Use the equation below to calculate heating cable length:

$$\text{Cable Required for Roof} = (R \times M) + G + D$$

(R) Roof Edge Length (linear length of roof to protect)

(M) Multiplier from table to the right

(G) Gutter Length

(D) Downspout Length (X2 if heating cable returns back to gutter)

Heating Cable Kit Length Required [Round up to the nearest kit size]

**M = Length of cable per foot (meter) of roof edge**

Roof Overhang [Eave/Soffit] in (mm)	Standard Roof [M] ft (m)	Standing Seam Roof 18 in (457 mm) Seam [M] ft (m)	Standing Seam Roof 24 in (610 mm) Seam [M] ft (m)
None	2.0 (0.61)	2.5 (0.76)	2.0 (0.61)
12 (305)	2.5 (0.85)	2.8 (0.85)	2.4 (0.73)
24 (610)	3.0 (0.91)	3.6 (1.10)	2.9 (0.88)
36 (914)	4.0 (1.21)	4.3 (1.31)	3.6 (1.10)

## Ordering Information

### SpeedTrace Roof & Gutter Kits

Part No. 110-120 V	Part No. 208-277 V	Cable Length ft (m)	Roof Clips	Kit Includes Downspout Hangers	Cable Ties	Caution Labels
FFRG15-50	FFRG25-50	50 (15.2)	30	2	15	2
FFRG15-75	FFRG25-75	75 (22.8)	50	4	20	2
FFRG15-100	FFRG25-100	100 (30.5)	60	4	25	2
FFRG15-125	FFRG25-125	125 (38.1)	80	4	30	2
FFRG15-150	FFRG25-150	150 (45.7)	100	6	40	2

### Additional items required, but not supplied:

UV resistant RTV sealant, roofing nails or screws

## Accessories

Part No.	Description
THERMO-CUBE	Thermostatically Controlled Outlet 120 VAC
SLCBL-RDOWN1	Aluminum Downspout Hanger Bracket
SLCBL-RCLIP10	Aluminum Roof Clips (10 pack)
SLCBL-RCLIP50	Aluminum Roof Clips (50 pack)
SLCBL-RCLIPMAG10	Magnetic Roof Clips (10 pack)



## Thermo-Cube Thermostatically Controlled Outlet

- Red LED display
- 3-key push button interface
- Fuse protection
- Easy to use on/off digital controller with audible alarm
- Compatible with 120 VAC 3-Prong NEMA 5-15 outlet
- Available in three temperature ranges



## TC4X Digital Temperature Controller in NEMA 4X Enclosure

### Features & Benefits

- 3-key touch pad interface
- Includes temperature sensor
- On/off control with status indicator
- Outdoor and wet-area use — NEMA 4X/IP66 plastic enclosure

### Specifications

**Voltage:** 110–240 VAC

**Maximum Amp Load:** 15 amps at 110–120 VAC; 10 amps at 208–240 VAC

**Temperature Control Range:** -30°F to 212°F (-34°C to 100°C)

**Connections:** Hardwire; NEMA 4X/IP66 requires liquid tight fitting



### Ordering Information

Part No.	Sensor Lead Length in (mm)
TC4X-1	9 (229)
TC4X-2	78 (1981)

## TD101 Automatic On/Off Thermostat Control

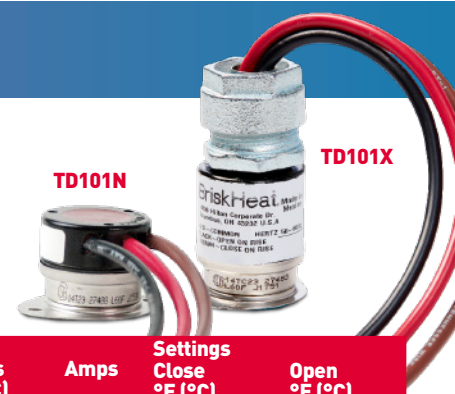
### Features & Benefits

- Weatherproof on/off thermostat control with temperature-sensitive bimetal disc
- Mounts directly to heated surface
- Single pole double throw (SPDT) switch

### Specifications

**Voltage:** 120–277 VAC UL (120–240 VAC CSA)

**Maximum Amp Load:** Up to 25 amps (depending on volts and temperature)



Part No. Ordinary Location	Part No. Hazardous Area	Volts (VAC)	Amps	Settings Close °F (°C)	Open °F (°C)
TD101N-050	TD101X-050	Up to 277	25	37 [3]	47 [9]
TD101N-060	TD101X-060	Up to 277	25	45 [7]	60 [16]
TD101N-075	TD101X-075	Up to 277	25	60 [16]	75 [24]
TD101N-105	TD101X-105	Up to 277	25	90 [32]	105 [41]
TD101N-200	TD101X-200	Up to 277	25	185 [85]	200 [93]

## TB250N All-Purpose Bulb & Capillary Temperature Controller

### Features & Benefits

- 2 temperature ranges
- SPDT switch
- Suitable for outdoor use
- Simple dial setpoint

### Specifications

**Maximum Amp Load:** 22 amps

**Sensor Input:** Tinned copper bulb and capillary, 10 ft (3 m) long

**Environmental Exposure Operating Range:**  
-40°F to 160°F (-40°C to 71°C)



### Ordering Information

Part No.	Volts	Amps	Range
TB250N-150	Up to 277	22	0°F to 150°F (-18°C to 66°C)
TB250N-250	Up to 277	22	100°F to 250°F (38°C to 121°C)

# TTD Digital On/Off Thermocouple Temperature Controller

## Features & Benefits

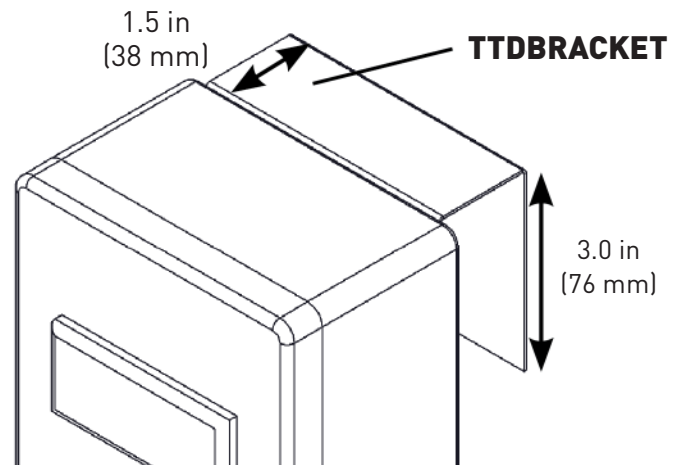
- Red LED display
- 3-key push button interface
- Fuse protection
- Easy to use on/off digital controller with audible alarm
- Outdoors or indoors — NEMA 3X/IP64
- Available in three temperature ranges

## Specifications

**Voltage:** 120 or 240 VAC**Maximum Amp Load:** 15 amps**Temperature Control Range:** 32°F to 175°F (0°C to 79°C); 32°F to 500°F (0°C to 260°C); 32°F to 999°F (0°C to 537°C)**Temperature Display Units:** °F standard; °C on request**Sensor Input:** Mini or standard type-K connection accuracy: ± 1% full scale**Input Power Cords/Connections:** 6 ft (1.8 m) long with- **120 VAC model:** NEMA 5-15 plug- **240 VAC model:** NEMA 6-15 plug**Output Power Cords/Connections:** 4-pin receptacle with mating plug; IP67, NEMA 6P rated**Special Features:** Mounting bracket included with TTD175-K120 and TTD175-K240**Environmental Exposures:**- **Operating range:** 14 to 131°F (-10 to 55°C)- **Storage range:** -4 to 176°F (-20 to 80°C)**Enclosure Dimensions:** 8 in x 4.75 in x 3.75 in (203 mm x 121 mm x 95 mm)**Enclosure Rating/Classification Designation:** NEMA 3X; IP64

## Ordering Information

Part No. °F Display	Part No. °C Display	Volts	Range
TTD175-K120	TTD175-K120	120	32 to 175°F (0 to 79°C)
TTD175-K240	TTD175-K240	240	
TTD500-K120	TTD500-K120	120	32 to 500°F (0 to 260°C)
TTD500-K240	TTD500-K240	240	
TTD999-K120	TTD999-K120	120	32 to 999°F (0 to 537°C)
TTD999-K240	TTD999-K240	240	

**TTDBRACKET Installation**

## Accessories

Part No.	Description
TTDBRACKET	Optional mounting bracket kit. Included with TTD175-K120 and TTD175-K240
11646	Replacement IP67 four-pin (NEMA 6P equivalent) output male plug assembly

## Type-K thermocouple with mini connector

Part No. Outdoor Use	Part No. Indoor Use	Length ft (m)
TCKN05-DA	TAKN05-DA	5 (1.5)
TCKN10-DA	TAKN10-DA	10 (3.0)

**Outdoor use thermocouple:** PFA sleeving. Temperatures up to 500°F (260°C)**Indoor use thermocouple:** Fiberglass sleeving. Temperatures up to 800°F (426°C)

## TB110 Hazardous-Area Equipment Bulb & Capillary

### Temperature Controller

#### Features & Benefits

- Temperature control on heat tracing, freeze protection, and process maintenance applications
- Numerous temperature range choices to fit your application

#### Specifications

**Voltage:** Up to 480 VAC

**Maximum Amp Load:** 22 amps

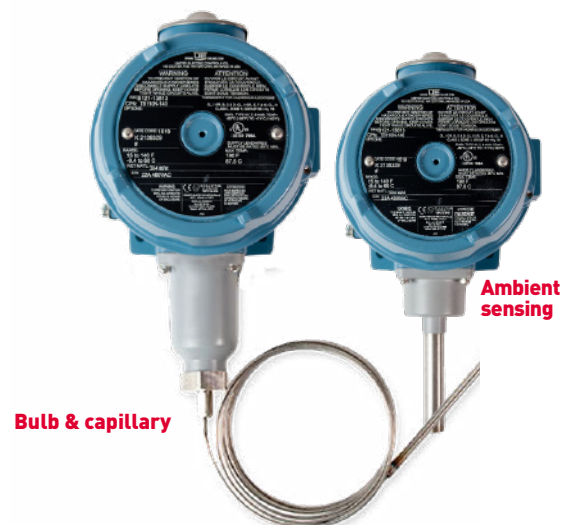
**Temperature Display Unit:** Dial setpoint °F and °C

**Sensor Input:** 304 stainless steel bulb and capillary, 10 ft (3 m) long (remote sensing only)

**Enclosure Rating:** NEMA 7 & 9, for hazardous areas

#### Ordering Information Bulb & Capillary

Part No. Single Setpoint	Part No. Dual Setpoint	Set-Point Range	Bulb Dimensions Diameter in (mm)	Length in (mm)
TB111N-325	TB112N-325	25°F to 325°F (-4°C to 163°C)	0.25 (6)	10.25 (200)
TB113N-650	TB114N-650	300°F to 650°F (149°C to 343°C)	0.25 (6)	12.50 (318)



#### Ordering Information Ambient Sensing

Part No.	Setpoint Range	Bulb Dimensions Diameter in (mm)	Length in (mm)
TB110N-140	15°F to 140°F (-9°C to 60°C)	0.56 (14)	2.69 (68)

## BH-510 & BH-610 Outdoor Digital Controllers

### with Fast-Adaptive-Tuning

#### Features & Benefits

- Outdoor and wet-area use — IP65
- 4-key touch pad interface
- 5 programming languages
- Programmable in both °F and °C
- Remote control programming option available

#### Specifications

**Input Voltage:** 90–260 VAC, 50–60 HZ

**Maximum Amp Load:**

- **BH-510:** 10 amps (16 amps with external fuse)

- **BH-610:** 40 amps

**Display:** LCD graphic display with 3-color LEDs for signaling of operating conditions

**Temperature Control Range:** -328°F to 2464°F (-200°C to 1350°C) with Type-K sensor

#### Ordering Information

Part No.	Description
WRW510SR-BH01	BH-510 wall mounted outdoor temperature controller, 16A max
WRW610SR-BH01	BH-610 wall mounted outdoor temperature controller, 40A max





# INSUL-LOCK® Flexible Closed Cell Pipe Insulation

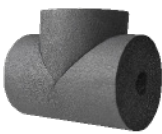
## Features & Benefits

- Environmentally-friendly, CFC-free, flexible elastomeric thermal insulation
- Straight Sections have a double seal that reduces air infiltration
- Non-porous, fiber-free, and resistant to mold growth
- Compatible with heating cable and tapes
- Temperature range of -70°F to 220°F (-57°C to 104°C)

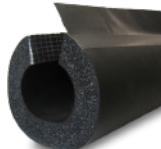
### 90° Elbows



### Tees



### Straight Sections 1.8 m (6 ft) long



**NOTE: \*\*Pipe/Tube Outside Diameters are recommended sizes**

90° Elbow Part No.	Pipe/Tube O.D. in **	I.D. in	Pipe/Tube O.D. mm**	I.D. mm
INSUL78	0.5-0.625	0.875	13-16	22
INSUL118	0.75-0.875	1.125	19-22	29
INSUL138	1	1.375	25	35
INSUL158	1.125	1.625	29	41
INSUL2T	1.375	2	35	51
INSUL218	1.625	2.125	41	54
INSUL238	2	2.375	51	60
INSUL258	2.125	2.625	54	67
INSUL278	2.375	2.875	60	73
INSUL318	2.625	3.125	67	79
INSUL312	2.875	3.5	73	89
INSUL358	3.125	3.625	79	92
INSUL418	3.5	4.125	89	105
INSUL412	4	4.5	102	114
INSUL558	5	5.625	127	143
INSUL658	6	6.625	152	168

Straight Section Part No.	Pipe/Tube O.D. in**	I.D. in.	Pipe/Tube O.D. mm**	I.D. mm
INSUL7890	0.5-0.625	0.875	13 - 16	22
INSUL11890	0.75-0.875	1.125	19 - 22	29
INSUL13890	1	1.375	25	35
INSUL15890	1.125	1.625	29	41
INSUL290	1.375	2	35	51
INSUL21890	1.625	2.125	41	54
INSUL23890	2	2.375	51	60
INSUL25890	2.125	2.625	54	67
INSUL27890	2.375	2.875	60	73
INSUL31890	2.625	3.125	67	79
INSUL31290	2.875	3.5	73	89
INSUL35890	3.125	3.625	79	92
INSUL41890	3.5	4.125	89	105
INSUL41290	4	4.5	102	114
INSUL55890	5	5.625	127	143
INSUL65890	6	6.625	152	168



**NOTE: I.D = Inside Diameter, O.D = Outside Diameter**

Tee Part No.	Pipe/Tube O.D. in **	I.D. in	Pipe/Tube O.D. mm**	I.D. mm
INSUL78T	0.5-0.625	0.875	13-16	22
INSUL118T	0.75-0.875	1.125	19-22	29
INSUL138T	1	1.375	25	35
INSUL158T	1.125	1.625	29	41
INSUL2T	1.375	2	35	51
INSUL218T	1.625	2.125	41	54
INSUL238T	2	2.375	51	60
INSUL258T	2.125	2.625	54	67
INSUL278T	2.375	2.875	60	73
INSUL318T	2.625	3.125	67	79
INSUL312T	2.875	3.5	73	89
INSUL358T	3.125	3.625	79	92
INSUL418T	3.5	4.125	89	105
INSUL412T	4	4.5	102	114
INSUL558T	5	5.625	127	143
INSUL658T	6	6.625	152	168



Part No.	Description
INSULEZ48	48 in x 48 in (122 cm x 122 cm) Adhesive Backed Sheet Insulation

## Wintershield Freeze Protection Heated Pockets

### Features & Benefits

- Creates a pocket of warmth to protect devices against extreme cold
- For use in all weather, sub-freezing environments
- Plug-and-play with extra-long 16 ft (5 m) power cord
- Rugged, one-piece, lightweight design
- Versatile — Fits any object with overall dimensions up to 6 x 6 x 7 in (152 x 152 x 186 mm)
- Easy-to-install and remove — saves on labor cost

### Specifications

**Voltage:** 120-240 VAC

**Control:** Built-in thermostat preset at 45°F (7°C)

**Outside Material:** Extra-durable polyester cloth

**Insulation Material:** Mold/mildew resistant melamine

**Power Cord:** 16 ft (5 m) long with

- **120 VAC:** Grounded 3-prong plug (NEMA 5-15P)

**IP Rating:** IP54

### Ordering Information

Part No. 120 VAC	Part No. 240 VAC	Size	Watts	Dimensions in (mm)
WSP120V	WSP240V	Standard	94	6 x 6 x 7 (152 x 152 x 178)
WSP120LGV	WSP240LGV	Large	200	14 x 20 x 26 (356 x 508 x 660)



**Lace-up openings on three sides makes it easy to install and maneuver around obstructions** like pipes, electrical wiring, conduits, and bases/stands

## Silicone Rubber Tote Tank/IBC Heater & Control

### Features & Benefits

- Installs underneath plastic bladder with direct surface contact
- Optional digital controller
- Does not contaminate product
- Rugged, reusable design for long service life
- 32 x 36 in (813 x 914 mm) heater with 0.25 in (6.35 mm) insulation

### Specifications

**Operating Temperature:** 0°F to 175°F (-18°C to 79°C)

**Maximum Exposure Temperature:** 180°F (82°C)

**Heating Element:** 360° grounded heating element

### Ordering Information

Part No. with °F Control	Part No. with °C Control	Part No. without Control	Volts	Watts
TTH32361DK	TTH32361DK-C	TTH32361D	120	1600
TTH32362DK	TTH32362DK-C	TTH32362D	240	3200



**Includes an outdoor digital temperature controller.**

# Wraparound Tote Tank/IBC Heaters & Insulators

## Features & Benefits

- Insulated, full-coverage design
- Adjustable analog thermostat control up to 160°F (71°C)
- Two separate heat zones allow users to adjust heater output as content levels decrease
- Built-in high limit safety thermostat set at 195°F (91°C)
- Adjustable buckles allow heater to fit several sizes of caged, plastic, and metal tote tanks/IBCs
- Even heat distribution and maximum energy efficiency



Controls temperature easily with adjustable thermostats



Mouse hole provides easy access to spigot



Image above shown with optional top cover (sold separately).



Fits several tote tank sizes with adjustable nylon straps and buckles

## Ordering Information

Part No. 120 VAC with NEMA 5-15P Plug	Part No. 240 VAC with NEMA 6-15P Plug	Height in (mm)	Capacity gal (l)	Tank Perimeter Minimum in (mm)	Tank Perimeter Maximum in (mm)	Total Wattage
TOTE361-ADJV	—	36 (914)	175-250 (640-950)	160 (4060)	192 (4880)	1440
TOTE421-ADJV	—	42 (1067)	275 (1000)	160 (4060)	192 (4880)	1440
TOTE481-ADJV	—	48 (1220)	330 (1250)	160 (4060)	192 (4880)	1440
—	TOTE362-ADJV	36 (914)	175-250 (640-950)	160 (4060)	192 (4880)	2880
—	TOTE422-ADJV	42 (1067)	275 (1000)	160 (4060)	192 (4880)	2880
—	TOTE482-ADJV	48 (1220)	330 (1250)	160 (4060)	192 (4880)	2880

## Accessories

Part No.	Description
TOTE-TOPV	Tote tank cover
FGDC55V	Drum insulation cover for 55 gal (208l)
FGDHSTRIPV	6 in (152 mm) wide strip

**Wet-Area heaters and insulators available: Contact BriskHeat® or your local distributor for more information.**



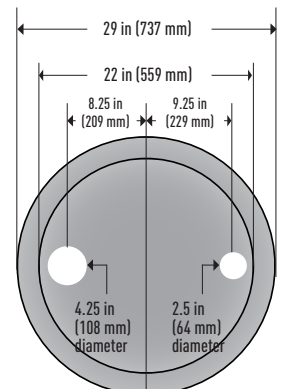
Tote Tank Insulating Cover  
Minimizes heat loss



FGDC55V Drum Insulating Cover  
Helps reduce heat loss and speeds up heat time



FGDHSTRIPV  
Expansion Strip  
Expands heater to fit up to a 24.2 in (615 mm) diameter drum



**Custom sizes and designs available. Contact BriskHeat® or your local distributor for more information.**



## Wraparound Full-Coverage Drum/Pail Heaters & Insulators

### Features & Benefits

- Insulated to maximize energy efficiency and reduce heat-up time
- Heater has easy-to-program digital controller that is adjustable up to 160°F or 450°F (71°C or 232°C)
- For use in indoor/dry environments — IP4X
- 6 ft (1.8 m) long power cord with choice of plug or leads
- Even heat distribution and maximum energy efficiency
- Display is mounted on top of controller box for increased visibility and user convenience
- For use in a wide range of poly and metal drum/pail heating applications including viscosity control, freeze protection, temperature maintenance, melting of solids, and thermal mixing

### Specifications

**Outer Material:** Silicone impregnated cloth

**Insulation:** 1.0 in (25 mm) thick fiberglass

**Closure Method:** Hook and loop fasteners

**Maximum Exposure Temperature:** 500°F (260°C)

### Heater Specifications

#### Operating Temperature:

- 50°F to 450°F (10°C to 232°C) for Metal Drums
- 50°F to 160°F (10°C to 71°C) for Poly Drums

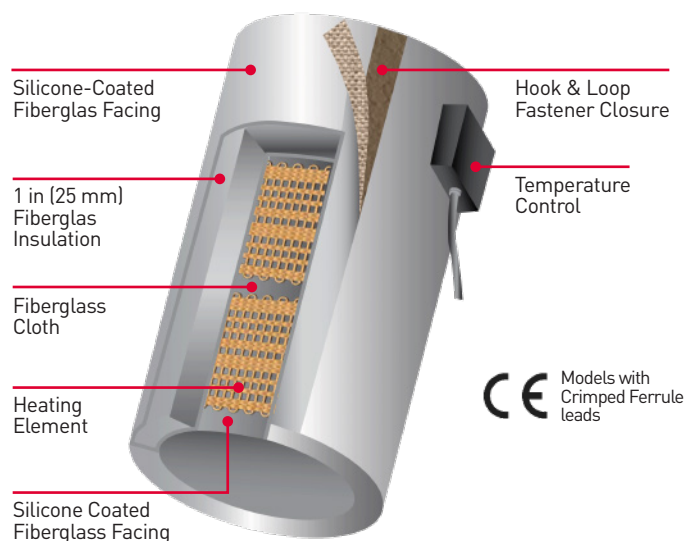
#### Heated Area:

- 55 and 30 gal size (208 and 114 l): Lower two thirds
- 15 and 5 gal size (61 and 19 l): Lower third

**Heating Element:** 360° grounded heating element for your safety



Fully Insulated and Digital Control



CE Models with Crimped Ferrule leads

### Ordering Information

#### General-Purpose (FGD Series) – for Metal & Poly Drums

Part No. 120 VAC with °F display and NEMA 5-15P plug	Part No. 240 VAC with °F display and NEMA 6-15P plug	Part No. 240 VAC with °C display and crimped ferrule leads	Part No. Insulator Only	Size gal (l)	Diameter in (mm)	Height in (mm)	Number of Zones	Total Wattage
FGDHC55120DV	FGDHC55240DV	FGDHC55240DCV	FGDI55V	55 (208)	22.3 (566)	36.4 (924)	1	1600
FGDHC30120D	FGDHC30240D	FGDHC30240DC	FGDI30	30 (114)	18.6 (473)	29.5 (749)	1	1160
FGDHC15120D	FGDHC15240D	FGDHC15240DC	FGDI15	16 (61)	14.0 (355)	26.7 (678)	1	870
FGDHC5120D	FGDHC5240D	FGDHC5240DC	—	5 (19)	11.1 (282)	13.5 (343)	1	550
FGPDHC55120DV	FGPDHC55240DV	FGPDHC55240DCV	—	55 (208)	22.3 (566)	36.4 (924)	1	770
FGPDHC30120D	—	—	—	30 (114)	18.6 (473)	29.5 (749)	1	553
—	FGDDC55240DV*	—	—	55 (208)	22.3 (566)	36.4 (924)	2	3200

\*Designed to quickly melt materials like molasses, syrups, and other highly viscous materials.

**Wet-Area heaters and insulators available: Contact BriskHeat® or your local distributor for more information.**

## Silicone Rubber Drum/Pail Heaters (Heavy & Extra Heavy-Duty)

### Features & Benefits

- Exceptional durability and flexibility for a wide range of poly and metal drum/pail heating applications
- Adjustable thermostat with temperatures up to 160°F or 425°F (71°C or 218°C)
- Extra-wide 4 in (102 mm) surface coverage
- Moisture and chemical resistant — IP54
- Solves a wide range of drum and pail heating applications including viscosity control, freeze protection, temperature maintenance, and melting solids
- Expandable spring closure expands up to 3 in (76 mm)

**NOTE:** If precise temperature control is required for your application, please contact BriskHeat or your local distributor for application assistance and product solutions.

### What is the difference between Heavy-Duty and Extra Heavy-Duty?

**Heavy-Duty (DHCS/DPCS/DHLS series):** Designed with two extra-thick layers of fiberglass reinforced silicone rubber for excellent strength and durability

**Extra Heavy-Duty (DHCH/DPCH series):** Designed with three extra-thick layers of fiberglass reinforced silicone rubber for ultimate strength and durability. The longest lasting and most durable silicone drum heater



Models with bare wire leads



CSA/cURus models available upon request

### Ordering Information

Heavy-Duty		Extra Heavy-Duty		Drum Size gal (l)	Drum Diameter in	Drum Diameter mm	Heater Length in (mm)	Drum Type	Adjustable Thermostat Range	Watt Density	Watts
Part No. 120 VAC	Part No. 240 VAC	Part No. 120 VAC	Part No. 240 VAC								
DHCS10	DHCS20	DHCH10	DHCH20	3.5-7 (13-26)	11.1-12.1	282-307	35.0 (889)	Metal	Up to 425°F (218°C)	5.0 W/in <sup>2</sup> (0.78 W/cm <sup>2</sup> )	550
DHCS11	DHCS21	DHCH11	DHCH21	15-16 (57-61)	14.0-15.0	355-381	44.0 (1118)				700
DHCS13	DHCS23	DHCH13	DHCH23	30 (114)	18.6-19.6	472-498	58.5 (1486)				1000
DHCS15	DHCS25	DHCH15	DHCH25	55 (200-208)	22.3-23.2	566-589	70.0 (1778)				1200
DHLS10	DHLS20	—	—	3.5-7 (13-26)	11.1-12.1	282-307	35.0 (889)	Metal	Up to 160°F (71°C)	5.0 W/in <sup>2</sup> (0.78 W/cm <sup>2</sup> )	550
DHLS11	DHLS21	—	—	15-16 (57-61)	14.0-15.0	355-381	44.0 (1118)				700
DHLS13	DHLS23	—	—	30 (114)	18.6-19.6	472-498	58.5 (1486)				1000
DHLS15	DHLS25	—	—	55 (200-208)	22.3-23.2	566-589	70.0 (1778)				1200
DPCS10	DPCS20	DPCH10	DPCH20	3.5-7 (13-26)	11.1-12.1	282-307	35.0 (889)	Poly	Up to 160°F (71°C)	1.25 W/in <sup>2</sup> (0.19 W/cm <sup>2</sup> )	150
DPCS11	DPCS21	DPCH11	DPCH21	15-16 (57-61)	14.0-15.0	355-381	44.0 (1118)				208
DPCS13	DPCS23	DPCH13	DPCH23	30 (114)	18.6-19.6	472-498	58.5 (1486)				250
DPCS15	DPCS25	DPCH15	DPCH25	55 (200-208)	22.3-23.2	566-589	70.0 (1778)				300

### Accessories

Part No.	Description
10180	Replacement spring for BriskHeat® Silicone Rubber Drum Heaters



**Standard Design:** 120 VAC includes NEMA 5-15 plug and 240 VAC has bare wire leads.

## Hazardous-Area Rated Silicone Rubber Drum Heater

### Features & Benefits

- FM Approved for Class I & II, Division 2 environments
- High-limit thermostat designed to keep heater below NEC Article 500 T-rating
- Dual setpoint NEMA 7 temperature controller connected to a high-temperature limit indicator light
- Extra-wide 8 in (203 mm) surface coverage
- Intrinsically safe and can be used in hazardous environments

### Specifications

**Power Density:** 2.50 watts/in<sup>2</sup> (0.39 watts/cm<sup>2</sup>)

**Voltage Options:** 120 VAC or 240 VAC

**High-Limit Thermostat:**

- **T3 model:** 292°F (144°C)

- **T4A model:** 158°F (70°C)



Hazardous Locations  
Class I, Division 2,  
Groups A\*, B, C, D  
Class II, Division 2,  
Groups F, G



Up to 392°F  
(200°C)



### Ordering Information

Part No. 120 VAC NEMA 5-15P plug	Part No. 240 VAC bare wire leads	Size Gal (l)	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	T-Rating	High-Limit Thermostat Temperature °F (°C)
DHCX131000T3	DHCX231000T3	30 (114)	18.6 (473)	1000	58.5 (1486)	8 (203)	T3	292 (144)
DHCX131000T4A	DHCX231000T4A						T4A	158 (70)
DHCX151300T3	DHCX251300T3	55 (208)	22.3 (566)	1300	70.0 (1778)	8 (203)	T3	292 (144)
DHCX151300T4A	DHCX251300T4A						T4A	158 (70)

**DHCX Series:** With NEMA 7 controller and pilot light indicator. Includes 6 ft (1.8 m) long power cord with an explosion proof NEMA 5-15P (120 VAC) or NEMA 6-15P plug (240 VAC)

**\*Group A approval valid only for heater without controller. Order DHNX model for heater only.**

## TSREH Enclosure Heaters

### Features & Benefits

- Ambient-sensing thermostat for most models
- Prevents condensation or freezing of electronics located within enclosures and control panels
- Heater vulcanized to an aluminum mounting plate for easy installation

### Specifications

**Voltage:** 120 or 240 VAC (other voltages available upon request)

**Maximum Exposure Temperature:** -70°F to 392°F (-57°C to 200°C)

### Ordering Information

Part No. 120 VAC	Part No. 240 VAC	Width* in (mm)	Length in (mm)	Mounting Holes Center in (mm)	Total Watts	Thermostat Opens °F (°C)	Closes °F (°C)
TSREH600	TSREH2600	2.5 (64)	6 (152)	4 (102)	60	w/o thermostat	
TSREH640	TSREH2640	2.5 (64)	6 (152)	4 (102)	60	60 (15)	40 (4)
TSREH6110	—	2.5 (64)	6 (152)	4 (102)	60	140 (60)	110 (43)
TSREH1200	TSREH21200	2.5 (64)	12 (305)	9 (229)	120	w/o thermostat	
TSREH1240	TSREH21240	2.5 (64)	12 (305)	9 (229)	120	60 (15°)	40 (4)
TSREH12110	—	2.5 (64)	12 (305)	9 (229)	120	140 (60°)	110 (43)

**\*Dimension is for heater and bracket. Actual heat width is 2 in (51 mm).**





## SRL/SRP/SRM Heavy-Duty Silicone Rubber Heating Blankets

### Features & Benefits

- Built-in temperature control for plug-and-play operation
- Exceptional durability for a wide range of industrial uses
- Easy-to-apply industrial strength pressure-sensitive adhesive backing option
- Moisture, chemical, and radiation resistant

### Specifications

#### Power Density:

- **SRL Series:** 2.50 watts/in<sup>2</sup> (0.39 watts/cm<sup>2</sup>)\* for metal surfaces
- **SRP Series:** 1.25 watts/in<sup>2</sup> (0.19 watts/cm<sup>2</sup>) for plastic surfaces
- **SRM Series:** 2.50 watts/in<sup>2</sup> (0.39 watts/cm<sup>2</sup>) for metal surfaces

#### Adjustable Thermostat:

- **SRL Series:** Up to 425°F (218°C)<sup>†</sup>
- **SRP Series:** Up to 160°F (71°C)<sup>†</sup>
- **SRM Series:** Up to 160°F (71°C)<sup>†</sup>

**Voltage:** 120 or 240 VAC single phase

**Exposure Temperature:** -60°F to 450°F (-51°C to 232°C)

**Power Cord:** 6 ft (1.8 m) long

- 120 VAC with standard 3-prong plug (NEMA 5-15)
- 240 VAC with standard 3-prong plug (NEMA 6-15)

**\*Consult factory if SRL Series will be used on plastic surface.**

**<sup>†</sup>If precise temperature is required, contact your distributor or BriskHeat.**



### Ordering Information

#### Standard Sizes & Wattage

Size	Total Watts			
Width in (mm)	Length in (mm)	SRL Series 2.5 watts/in <sup>2</sup> (0.39 watts/cm <sup>2</sup> )	SRP Series 1.25 watts/in <sup>2</sup> (0.19 watts/cm <sup>2</sup> )	SRM Series 2.5 watts/in <sup>2</sup> (0.39 watts/cm <sup>2</sup> )
6 (152)	12 (305)	180	90	180
6 (152)	24 (610)	360	180	360
6 (152)	36 (914)	540	270	540
12 (305)	12 (305)	360	180	360
12 (305)	24 (610)	720	360	720
12 (305)	36 (914)	1080	540	1080
18 (457)	18 (457)	810	405	810
18 (457)	36 (914)	1472*	810	1472*
24 (610)	24 (610)	1440	720	1440
24 (610)	36 (914)	N/A	1080	1440

**\*2.27 watts/in<sup>2</sup> (000.35 watts/cm<sup>2</sup>)**

**Custom sizes and designs available: Contact BriskHeat® or your local distributor for more information.**

### Part Number Matrix

Example: **SRL12362PADJB**

Product Series	Width	Length	Voltage	Pressure Sensitive Adhesive	Ordering Options
<b>SRL</b> (2.50 W/in <sup>2</sup> )	(inches)	(inches)	<b>1</b> (120 VAC)	<b>P</b> (w PSA)	<b>ADJB</b> (with NEMA 5-15 Plug)
<b>SRP</b> (1.25 W/in <sup>2</sup> )			<b>2</b> (240 VAC)	<b>Blank</b> (w/o PSA)	<b>ADJ</b> (w/o Plug, Ferrule Crimped Wire Terminations) (CSA & CE Approved)
<b>SRM</b> (2.5 W/in <sup>2</sup> )					

## SRW Standard-Duty Silicone Rubber Heating Blankets

### Features & Benefits

- Suitable for tanks, hoppers, conveyors, silos, vessels, etc.
- Economical solution
- Thin, low-profile design with good flexibility

### Specifications

**Power Density:** 5.0 watts/in<sup>2</sup> (0.78 watts/cm<sup>2</sup>)

**Voltage:** 120 or 240 VAC

**Exposure Temperature:** -60°F to 450°F (-51°C to 232°C)

**Power Leads:** 10 in (25 cm) PFA extruded 22 AWG leads with bare wire (no plug); Other lengths available



### Ordering Information

Temperature controller is required for this product

Part No. 120 VAC	Part No. 240 VAC	Width in (mm)	Length in (mm)	Watts
SRW010-100A010A00-UR	SRW010-100B010A00-UR	1 (25)	10 (254)	50
SRW010-150A010A00-UR	SRW010-150B010A00-UR	1 (25)	15 (381)	75
SRW010-300A010A00-UR	SRW010-300B010A00-UR	1 (25)	30 (762)	150
SRW010-400A010A00-UR	SRW010-400B010A00-UR	1 (25)	40 (1016)	200
SRW020-050A010A00-UR	SRW020-050B010A00-UR	2 (51)	5 (127)	50
SRW020-100A010A00-UR	SRW020-100B010A00-UR	2 (51)	10 (254)	100
SRW020-250A010A00-UR	SRW020-250C010A00-UR	2 (51)	20 (508)	250
SRW020-300A010A00-UR	SRW020-300F010A00-UR	2 (51)	30 (762)	300
SRW030-100A010A00-UR	SRW030-100B010A00-UR	3 (76)	10 (254)	150
SRW030-150A010A00-UR	SRW030-150B010A00-UR	3 (76)	15 (381)	225

Part No. 120 VAC	Part No. 240 VAC	Width in (mm)	Length in (mm)	Watts
SRW030-200A010A00-UR	SRW030-200B010A00-UR	3 (76)	20 (508)	300
SRW040-100A010A00-UR	SRW040-100B010A00-UR	4 (102)	10 (254)	200
SRW040-200A010A00-UR	SRW040-200B010A00-UR	4 (102)	20 (508)	400
SRW040-250A010A00-UR	SRW040-250E010A00-UR	4 (102)	25 (635)	500
SRW050-100A010A00-UR	SRW050-100B010A00-UR	5 (127)	10 (254)	250
SRW050-250A010A00-UR	SRW050-250C010A00-UR	5 (127)	25 (635)	625
SRW050-300A010A00-UR	SRW050-300E010A00-UR	5 (127)	30 (762)	750
SRW060-100A010A00-UR	SRW060-100B010A00-UR	6 (152)	10 (254)	300
SRW060-150A010A00-UR	SRW060-150B010A00-UR	6 (152)	15 (381)	450
SRW060-200A010A00-UR	SRW060-200B010A00-UR	6 (152)	20 (508)	600

## SRX Hazardous-Area Silicone Rubber Heating Blankets

### Features & Benefits

- High-limit thermostat designed to keep blanket below NEC Article 500 T-Rating
- Easy-to-apply, industrial strength pressure-sensitive adhesive backing option
- Exceptional durability and suitable for a large range of metal surfaces like tanks, hoppers, conveyors, silos, etc.

### Specifications

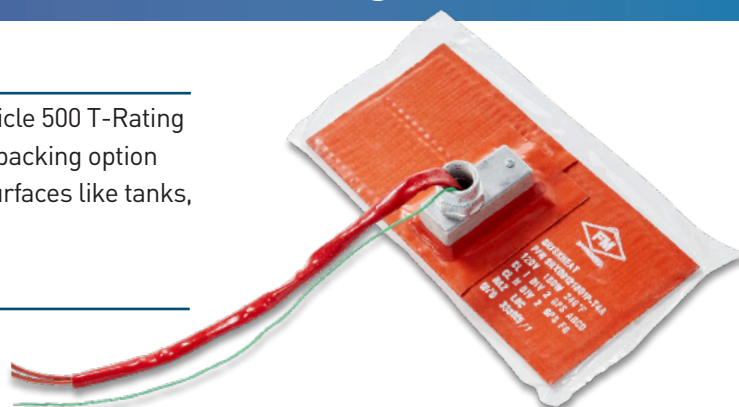
**Power Density:** 2.50 watts/in<sup>2</sup> (0.39 watts/cm<sup>2</sup>)

**Voltage:** 120 or 240 VAC, 12 or 24 VDC

### Part Number Matrix

Example: **SRX2448180APT4A**

Product Series	Width	Length	Wattage	Voltage	Pressure Sensitive Adhesive	T-Rating
<b>SRX - (FM)</b> (1.25 W/in <sup>2</sup> )	<b>(inches)</b>	<b>(inches)</b>	<b>180</b>	<b>1</b> (120 VAC) <b>2</b> (240 VAC) <b>A</b> (24 VDC) <b>B</b> (12 VDC)	<b>P</b> (w PSA) <b>Blank</b> (w/o PSA)	<b>T3</b> (T3) <b>T4A</b> (T4A)



### Ordering Information

Standard Sizes & Wattage

Width in (mm)	Length in (mm)	Total Watts
6 (152)	12 (305)	180
6 (152)	24 (610)	360
12 (305)	12 (305)	360
12 (305)	24 (610)	720
24 (610)	24 (610)	1440

**Note: Plug not included.**

Temperature controller is required for this product



# HSTAT XtremeFLEX® Silicone Rubber Heating Tapes

## with Adjustable Thermostat Control

### Features & Benefits

- Adjustable dial provides fast uniform heat from up to 425°F (218°C)
- Ideal for emergency de-icing situations
- Moisture and chemical resistant — IP66



### Ordering Information

Part No. 120 VAC	Part No. 240 VAC	Width in (mm)	Length ft (m)	Total Watts	Temperature Range
HSTAT051002	HSTAT052002	0.5 (13)	2 (0.6)	72	Up to 425°F (218°C)
HSTAT051004	HSTAT052004	0.5 (13)	4 (1.2)	144	
HSTAT051006	HSTAT052006	0.5 (13)	6 (1.8)	216	
HSTAT051008	HSTAT052008	0.5 (13)	8 (2.4)	288	
HSTAT051010	HSTAT052010	0.5 (13)	10 (3.1)	360	
HSTAT101002	HSTAT102002	1.0 (25)	2 (0.6)	144	
HSTAT101004	HSTAT102004	1.0 (25)	4 (1.2)	288	
HSTAT101006	HSTAT102006	1.0 (25)	6 (1.8)	432	
HSTAT101008	HSTAT102008	1.0 (25)	8 (2.4)	576	
HSTAT101010	HSTAT102010	1.0 (25)	10 (3.1)	720	

# RKP XtremeFLEX® Silicone Rubber Heating Tapes

## with Preset Thermostat

### Features & Benefits

- Extremely flexible heating tape with preset thermostat: 70°F or 122°F (21°C or 50°C)
- Ideal for emergency de-icing situations
- Moisture and chemical resistant — IP66

### Specifications

**Power Density:** 1.0 watts/in<sup>2</sup> (0.2 watts/cm<sup>2</sup>)

**Power Cord:** 5 ft (1.5 m) long with

- **120 VAC:** Standard 2-prong plug (NEMA 1-15)

- **240 VAC:** Crimped ferrule leads



### Ordering Information

Thermostat Setting 70°F (21°C)		Thermostat Setting 120°F (49°C)		Width in (mm)	Length ft (m)	Watts
Part No. 120 VAC	Part No. 240 VAC	Part No. 120 VAC	Part No. 240 VAC			
RKP1A0072	RKP2A0072	RKP1B0072	RKP2B0072	0.5 (12.7)	6 (1.8)	50
RKP1A0096	RKP2A0096	RKP1B0096	RKP2B0096		8 (2.4)	55
RKP1A0120	RKP2A0120	RKP1B0120	RKP2B0120		10 (3.1)	60
RKP1A0240	RKP2A0240	RKP1B0240	RKP2B0240	0.5 (13)	20 (6.1)	120
RKP1A0480	RKP2A0480	RKP1B0480	RKP2B0480		40 (12.2)	240
RKP1A0600	RKP2A0600	RKP1B0600	RKP2B0600		50 (15.2)	300
RKP1A0720	RKP2A0720	RKP1B0720	RKP2B0720		60 (18.3)	360
RKP1A0900	RKP2A0900	RKP1B0900	RKP2B0900		75 (22.9)	450
RKP1A0960	RKP2A0960	RKP1B0960	RKP2B0960	0.5 (13)	80 (24.4)	480
RKP1A1200	RKP2A1200	RKP1B1200	RKP2B1200		100 (30.5)	600
RKP1A1500	RKP2A1500	RKP1B1500	RKP2B1500		125 (38.1)	750



## HotBelt™ Wraparound Refrigerant Jug Warmer

### Features & Benefits

- Adjustable design with hook & loop strap fits common size cylinders: 30 lb, 50 lb, and 125 lb (13 kg, 23 kg, and 57 kg)
- Designed to heat the tank surface to 120°F (49°C)
- Moisture and chemical resistant — IP56
- Preheats and keeps refrigerant jug cylinders warm when servicing HVACR systems in cold weather
- Easy-to-use with simple plug-and-play design

### Specifications

**Heater Width:** 6 in (152 mm)

**Length:** 26 in (660 mm)

**Thermostat:** Preset to 158°F (70°C) and the heater is designed to heat the surface of the tank to 120°F (49°C)

**Exposure Temperature:** -60°F to 450°F (-51°C to 232°C)

**Power Density:** 1.4 watts/in<sup>2</sup> (0.2 watts/cm<sup>2</sup>)

**Closure Method:** Adjustable strap

**Cylinder Diameter Range:** Minimum 9 in (229 mm)

**\*Variations in ambient temperature and material contents within the cylinder may affect actual surface temperature of the cylinder.**



### Ordering Information

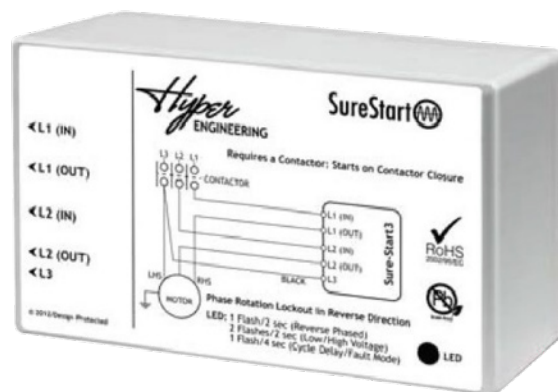
Part No.	Voltage VAC	Plug Type	Total Watts
HB1001	120	NEMA 5-15P	200

## SureStart Compressor Soft Starters

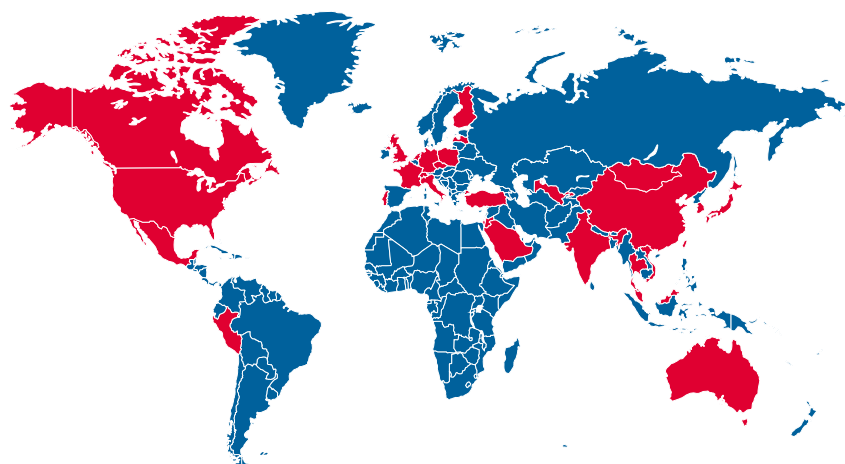
### Features & Benefits

- Reduces inrush start current by up to 70%
- Automatically optimizes the starting current without a user interface
- Voltages from 110-460 VAC, single and 3-phase
- Reduces required size of back-up generators or solar power systems
- Extends equipment life by reducing torque by up to 70%

### Ordering Information



Part No.	Nominal Voltage Rating VAC	Phase	Frequency Hz ±3%	Max Load Amps	Max Starting Amps	Motor Current max FLA Range	Motor Size hp	Min Startup Voltage	Max High Voltage	Shutdown on Low Voltage
SS0B12-20SN	110-115	Single	60	20	35	12-20 A	0.75-1.5	103	126	98
SS1B08-16SN	208-230		50/60	16	35	8-16 A	1.75-3.5	180	253	175
SS1B16-32SN	208-230		50/60	32	65	16-32 A	3.5-7	180	253	175
SS2A04-28SN	208-230	Three	50/60	38	150	4-28 A	2-10	187	253	176
SS3A04-27SN	380		50/60	38	150	4-27 A	2-15	342	422	323
SS4A04-34SN	415		50	38	150	4-34 A	2-20	373	460	353
SS5A04-27SN	460		60	38	150	4-27 A	2-20	414	510	391



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