

SDC DIGITAL ON/OFF BENCHTOP TEMPERATURE CONTROLLER

Features & Benefits

- ▶ 3-key push button interface
- ▶ On/off control
- ▶ Compact benchtop design
- ▶ Compatible with a wide range of heaters
- ▶ For indoor, dry environment applications
- ▶ Includes thermocouple and fully integrated power cord

Specifications

Voltage: 120 or 240 VAC

Maximum Amp Load: 10 amps

Temperature Control Range*:

-Type-J models: -40°F to 700°F (-40 to 371°C)

-Type-K models: -40°F to 900°F (-40 to 482°C)

Temperature Display Units: °F or °C based on model

Sensor Input: 5 ft (1.5 m) Type-J or Type-K Thermocouple factory installed

Accuracy: ± 1% full span

Hysteresis: Adjustable setting from 1° to 99° (°F or °C)

Alarms: Audible; Programmable for high or low range

Input Power Cord/Connections: 5 ft (1.5 m) long with:

- 120 VAC model: NEMA 5-15 plug

- 240 VAC model: NEMA 6-15 plug (other options available)

Output Power Cord/Connection: 5 ft (1.5 m) long with:

- 120 VAC model: NEMA 5-15R receptacle

- 240 VAC model: NEMA 6-15R receptacle (other options available)

Special Features: Password protection for all parameters except set-point; Sensor break operation option

Environmental Exposures:

Operating range: 32°F to 158°F (0°C to 70°C)

Storage range: -4°F to 176°F (-20°C to 80°C)

Relative humidity: < 80% non-condensing temperatures

Enclosure Dimensions: 5.5 in W x 1.75 in H x 4.25 in D
(140 mm W x 45 mm H x 108 mm D)

*Maximum temperature based on thermocouple, not temperature controller range

Note: Other plug and receptacle options available. Contact BriskHeat for more information.



Plug & Play



Ordering Information

Part No.	Voltage	Sensor Type	Display °C or °F	Input Plug Type
SDC120JF-A	98-132 VAC	Type-J	° F	
SDC120KF-A		Type-K	° F	
SDC120JC-A		Type-J	° C	
SDC120KC-A		Type-K	° C	
SDC240JF-A	184-253 VAC	Type-J	° F	NEMA 6-15
SDC240KF-A		Type-K	° F	
SDC240JC-A		Type-J	° C	
SDC240KC-A		Type-K	° C	
SDC240JF-AE	184-253 VAC	Type-J	° F	Ferrule Ends*
SDC240KF-AE		Type-K	° F	
SDC240JC-AE		Type-J	° C	
SDC240KC-AE		Type-K	° C	

* Provided with loose NEMA 6-15 plug

Bundles are available that include SDC controllers with our most popular heaters. See options on page 164.