



Heavy Duty Silicone Rubber Drum and Pail Heaters

Product Highlights

- ✓ Exceptional durability and flexibility for a wide range of poly and metal drum heating applications
- ✓ Easy adjustable thermostat control displays both °F and °C
- ✓ Wide 4" (102mm) silicone rubber band
- ✓ Patented grounded heating element meets NEC 427.23
- ✓ Moisture, chemical, and radiation resistant
- ✓ Heating element is laminated between multiple layers of fiberglass reinforced silicone rubber



Specifications:

- Power Density:
DH Series: 5.0 W/in² (0.78W/cm²) for metal surfaces
DP Series: 1.25 W/in² (0.19 W/cm²) for plastics surfaces
- Adjustable Thermostat Options:
Up to 425°F (218°C) for metal †
Up to 160°F (71°C) for plastic †
- Voltage Options: 120VAC or 240VAC
- Exposure Temperature: -60°F to 450°F (-51°C to 232°C)
- Dielectric Strength: Over 2000 volts
- Silicone Rubber Density:
DHCS/DPCS: 46.0 oz/yd² (1560 g/m²)
DHCH/DPCH: 75.0 oz/yd² (2543 g/m²)
- Spring closure can be expanded 3" (76mm)
- Power cord 6-foot (1.8m) long
120V includes standard 3-prong plug (NEMA 5-15)
240V has crimped ferrule terminated leads
- Ingress Protection Rating: IP54

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

Ordering Information:

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

For Metal Drums/Pails

Size Gallon (Liter)	Watts	Heavy Duty		Extra Heavy Duty	
		120VAC	240VAC	120VAC	240VAC
5 (19)	550	DHCS10	DHCS20	DHCH10	DHCH20
16 (61)	700	DHCS11	DHCS21	DHCH11	DHCH21
30 (114)	1000	DHCS13	DHCS23	DHCH13	DHCH23
55 (208)	1200	DHCS15	DHCS25	DHCH15	DHCH25

For Poly (Non-Metal) Drums/Pails

Size Gallon (Liter)	Watts	Heavy Duty		Extra Heavy Duty	
		120VAC	240VAC	120VAC	240VAC
5 (19)	150	DPCS10	DPCS20	DPCH10	DPCH20
15 (57)	200	DPCS11	DPCS21	DPCH11	DPCH21
30 (114)	250	DPCS13	DPCS23	DPCH13	DPCH23
55 (208)	300	DPCS15	DPCS25	DPCH15	DPCH25

Ordering Options:

- A. **CSA/UL Approved Option:** Add an "A" at the end of the part number. No plug - has bare wire leads.
- B. **Drum Heater without controlling thermostat:** Replace "C" with "N" in part number. External control is required with this option.

**Extra-Wide
Extra-Strong
Easier-to-Use**



Short Video:

Standard Drum & Pail Heater Sizes

Size Gallon (Liter)	Diameter in (mm)	Length in (mm)	Width in (mm)
5 (19)	11.1 (282)	35.0 (889)	4 (102)
15 (57) & 16 (61)	14.0 (355)	44.0 (1118)	4 (102)
30 (114)	18.6 (473)	58.5 (1486)	4 (102)
55 (208)	22.3 (566)	70.0 (1778)	4 (102)

Accessories:

Part Number	Description
10180	Replacement spring for BriskHeat® Silicone Rubber Drum Heaters

How to Select Your 55 Gallon Drum Heater Wattage Guidelines



I. Application Wattages

Maintain Temperatures Indoors

Maintenance Temp.	100°F (38°C)	150°F (66°C)	200°F (94°C)	250°F (122°C)	300°F (149°C)
w/o Insulation	521	1,471	2,607	3,958	5,556
w/ 1" f/g	55	147	245	349	459

Outside (Ambient = 0°F / -18°C)

Maintenance Temp.	50°F (10°C)	100°F (38°C)	150°F (66°C)	200°F (94°C)	250°F (122°C)	300°F (149°C)
w/o Insulation	2,619	5,767	9,252	13,584	17,854	23,592
w/ 1" f/g	85	177	276	383	497	618

Heat Up Indoors

To Heat Water	100°F (38°C)		150°F (66°C)		200°F (94°C)		250°F (122°C)	
From 20°C (68°F)	No Insulation	1" f/g	No Insulation	1" f/g	No Insulation	1" f/g	No Insulation	1" f/g
1 Hour	6,082	5,849	15,653	14,991	25,317	24,136	35,089	33,284
2 Hours	3,171	2,938	8,194	7,532	13,310	12,129	18,534	16,729
4 Hours	1,716	1,483	4,465	3,803	7,307	6,126	10,256	8,452
8 Hours	988	755	2,600	1,939	4,305	3,124	8,118	4,313
12 Hours					3,305	2,123	4,738	2,934

II. Product Wattages

Name	Total Watts	Product Description
DHCS, DHCH Series	1,200	Heavy Duty Silicone Band, Metal
DPCS, DPCH Series	300	Heavy Duty Silicone Band, Poly
ECONO Series	1,100	ECONO Silicone Band, Metal
DHCX Hazardous	1,300	Silicone band, Hazardous Area Rated, Metal
FGDHC Series*	1,600	Full-coverage, Single Zone, Metal
FGDDC Series*	3,200	Full-coverage, Dual Zone, Metal
FGPDHC Series*	770	Full-coverage, Single Zone, Poly

* Includes 1" Insulation on sides of 55 gallon drum



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