

BACKER SPRINGFIELD



BENEFITS

- No electro-mechanical components
- Reduced potential field failures
- Suitable for low flashpoint refrigerants
- Space-saving, low profile design
- Fully featured

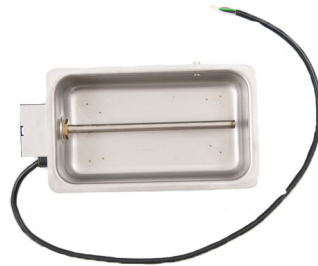
APPLICATIONS

- Commercial Refrigeration
- Industrial Units
- Elevators
- HVAC units



PTC Evapoway™

Backer Springfield's PTC Evapoway™ condensate evaporative pans are uniquely constructed to provide a durable and reliable solution to evaporate defrost and condensate water where no drain line is available.



The updated construction has fewer mechanical parts, reducing potential field failures and lowering maintenance costs. The simplified, low profile design allows for easier installation, while also conserving space. All units are suitable for low flashpoint refrigerants, have successfully passed rigorous testing, and are UL recognized in the USA and Canada. Evapoway™ units are manufactured in a variety of pan sizes and heater wattages to suit your application.

PTC EVAPOWAY™

AVAILABLE CONSTRUCTIONS

- Rated Voltage:** 120V with plug ends
240V with stripped ends
- Rated Power*:** * various wattages available
* nominal power rating in 100C water;
* tolerance =+5%; -20%
- Cord Lengths:** Standard cord lengths of 3', 6' or 9'

- 100W
200W
300W
400W
500W
600W
750W



- 800W
900W
1000W



STANDARD FEATURES

- Condensate Pan:** Heavy gauge SS with enhanced rust protection
- Mounting Feet:** 1/2" nominal height; slotted holes
- Overflow Drain:** 3/8" outside diameter; 5/8" length
- Strain Relief:** Electrical housing with cord damage protection

PTC BENEFITS

The PTC heater eliminates the need for electro-mechanical controls, control boxes and level sensors. The robust design provides continuous evaporation, automatically regulating the wattage based on water level and temperature. all in a simplified, space-saving design.

DISSIPATION RATES*

100W	1.0 gallons/day	600W	4.8 gallons/day
200W	1.9 gallons/day	750W	5.5 gallons/day
300W	2.7 gallons/day	800W	6.4 gallons/day
400W	3.5 gallons/day	900W	7.2 gallons/day
500W	4.0 gallons/day	1000W	8.0 gallons/day

* Maximum rates shown - actual rates based on water temperature and water level

NOMENCLATURE

Example: PTC 04 W - 1 - 3

Basic Designation	Nominal Unit Size in Watts	Nominal Pan Size in Inches (LxWxH)	Voltage*	Cord Length
PTC Heater	01 = 100W	T = 12 x 7 x 3.0	1 = 120V	3 = 3 Feet
	02 = 200W	Q = 12 x 7 x 4.5	3 = 240V	6 = 6 Feet
	03 = 300W	S = 14.5 x 7 x 3.0		9 = 9 Feet
	04 = 400W	WS = 14.5 x 10.3 x 3.0		
	05 = 500W	M = 14 x 7 x 4.5		
	06 = 600W	W = 14 x 10.3 x 4.5		
	07 = 750W	WW = 23 x 13 x 4.5		
	08 = 800W	Y = 14 x 7 x 6.5		
	09 = 900W	X = 14 x 10.3 x 6.5		
	10 = 1000W	XY = 22 x 6.3 x 6.5		
		XX = 22 x 13 x 6.5		
		WWS = 23 x 13 x 3.0		



UL File:
SA4508

Backer Springfield, 4700 John Bragg Hwy, Murfreesboro, TN 37127. Phone: +1 615 907 6900, Fax: +1 615 907 6948, www.backer-springfield.com

www.evapoway.com 1-800-692-4733

Contact Backer sales support (1-800-692-4733) for other options and to ensure suitability for your application.

Issue Date: March 6, 2020