

POLARIS POPULAR TANK HEATER

Description

High performance, corrosion Resistant Electric Tank Heater

The Popular is manufactured from high integrity fluoropolymers to give high performance and the best protection against corrosive solutions.

Available with

OTP - OverTemperature Protection
HDP - Hazard Protection Device
Fitted to order with your heater

0.5kW to 18kW
Single or three phase

Key features

- Completely non corrodible
- Easy installation
- High Thermal Efficiency
- Fully flexible Braudeflex cable
- Ultra Low watts density
- Range of power ratings and shapes
- Hanging brackets or standoffs
- Space saver

Used By

- Steel Strip Manufacturers
- Wire & Tube Manufacturers
- Metal Finishers
- Chemical Plants
- Galvanising Industry
- Aerospace Industry
- Chemical Millers
- Glass Producers

The Polaris Popular fluoropolymer immersion heaters are designed for use where aggressive chemicals need to be heated to temperatures up to 100°C. All heaters have optimum chemical resistance against corrosion caused by chemicals such as nitric, hydrochloric, sulphuric and hydrofluoric acids, and are inert enough to be used where non-contamination is a requirement.

The element has an open construction to allow free flow of liquid across the surface and to limit solid retention, which is particularly important when used in solutions which generate solid deposition such as Electroless Nickel and Copper plating processes.

The heater is thin enough to fit easily into confined spaces e.g. behind anode baskets.

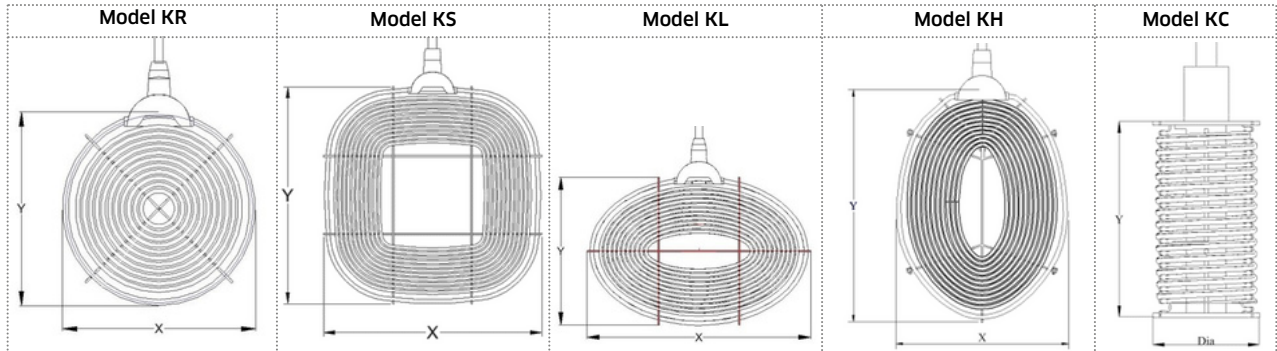


Polaris Popular range

BRAUDE Products will not corrode

POLARIS POPULAR TANK HEATER

Technical specification



1 PHASE

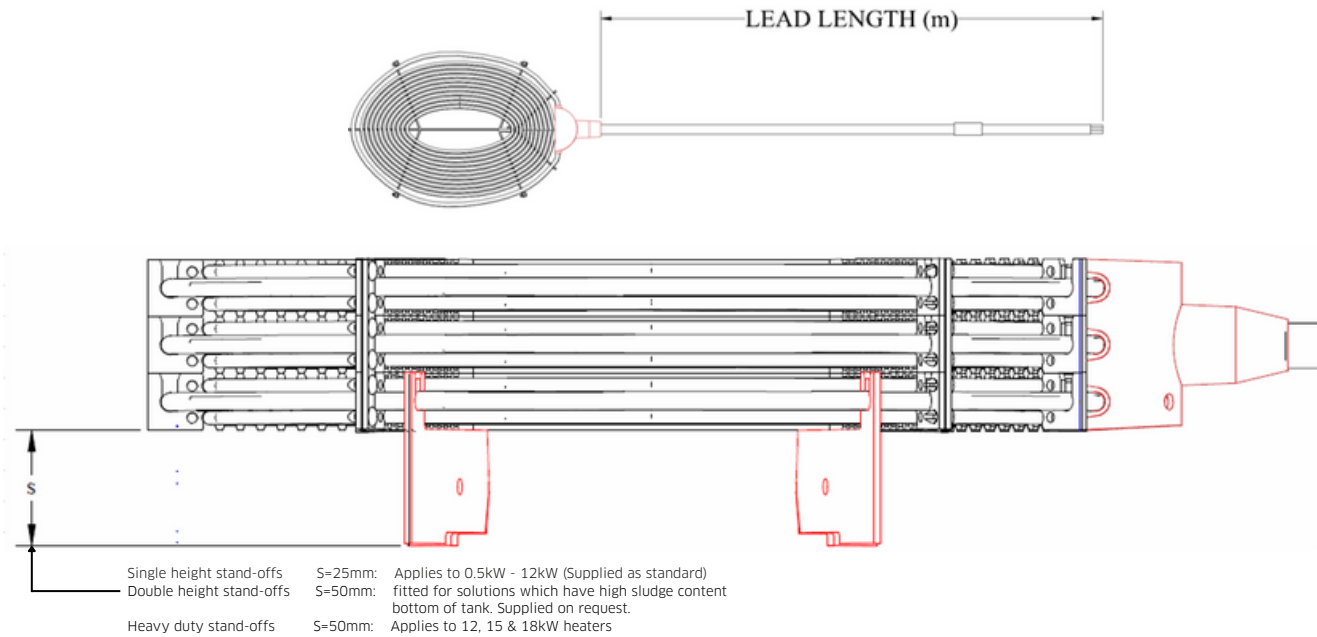
Model	KR			KS			KL			KH			KC (1 Phase only)	
kW	X	Y	Thick	X	Y	Thick	X	Y	Thick	X	Y	Thick	Y	Dia
0.5	273	273	25										145	80
1	273	273	25				445	293	25	293	445	25	222	80
1.5	273	273	25				445	293	25	293	445	25	325	80
2	273	273	50				445	293	25	293	445	25	460	80
3	273	273	50				445	293	25	293	445	25	670	80
3 LWD							445	293	50	293	445	50		
4	273	273	75	445	445	25	445	293	50	293	445	50	920	80
4.5	273	273	75				445	293	50	293	445	50		
6							445	293	50	293	445	50		
9							445	293	75	293	445	75		
12										445	560	50		
15														
18														

3 PHASE

Model	KR			KS			KL			KH			KC (3 Phase only)	
kW	X	Y	Thick	X	Y	Thick	X	Y	Thick	X	Y	Thick	Y	Dia
0.5														
1														
1.5							445	293	25	293	445	25		
2														
3	273	344	75				445	293	25	293	445	25		
4														
4.5							445	293	50	293	445	50	975	80
6							445	293	75	293	445	75		
9							445	293	75	293	445	75		
12				445	445	75	573	418	50	418	573	50		
15							573	418	75	418	573	75		
18							573	418	75	418	573	75		

NOT AVAILABLE - please consult with Braude
 LWD - Low Watt Density (double the length of heated wire)

POLARIS POPULAR TANK HEATER



All units min 50mm of solution above heater height. Hangers and standoffs are supplied with the heater. Add 12.5mm and 25mm respectively to above thicknesses. Baffles are supplied as optional extra.



The Popular is certified to BS EN60519-1:2003 ·
EN60519-2:2006 EN60335-1:2002/A2:2006 ·
EN60335-2-73:2003/A1:2006

Dimensions and details may be subject to alteration at manufacturers discretion without prior notification.