

THERMAL PROCESS EQUIPMENT SPECIALISTS

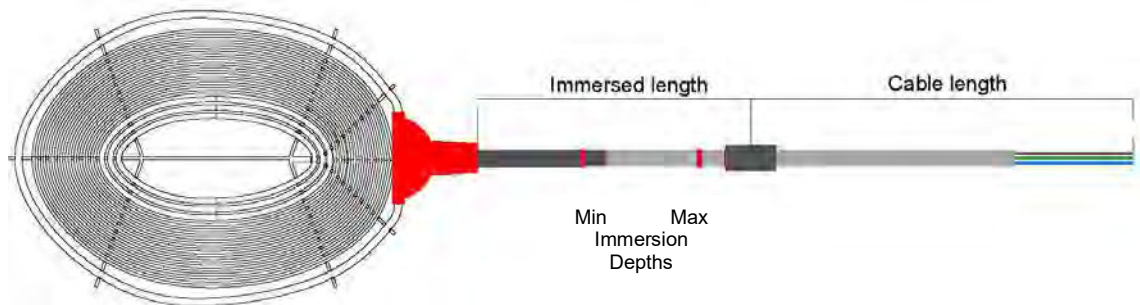
POLARIS

POPULAR FLEX



- 2 part lead
- Easy electrical connection
- Splash proof splice
- Non corrodable heater

BRAUDE have introduced an additional option for the Popular range of heaters. This consists of a 2 part lead, the first immersed section is still manufactured as an integral part of the heater using Braude special fluoropolymer cable. The second non immersed part consists of standard electrical cable joined to the heater lead with a secure waterproof splice. This construction maintains the corrosion proof properties of the heater whilst allowing for easier termination for the electrician saving both time and money.



The chemical lead section should be long enough to reach above the surface of the liquid. The splice must not be immersed. The high liquid level is clearly marked on the lead with a red ring.

The splice is rated to IP64 (splash proof) however, it has been fully tested in our own laboratory under full immersion at elevated temperature with no adverse effect for a sustained length of time.

All other options such as the OTP Over temperature protection and HPD Hazard Protection device can be used with the Popular Flex option.

Contact our sales department now if you would like more information or a quotation. We will need to know the length of the immersed section of lead and the total length required.

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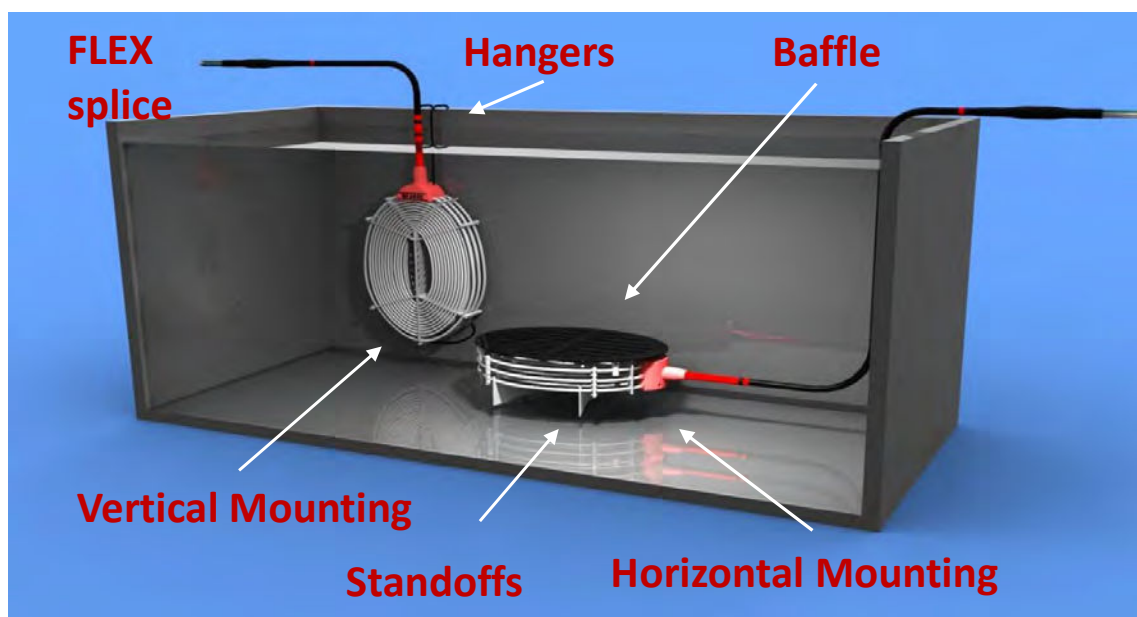
Popular Flex Heater Technical Details

The immersed lead and the cable lead measurement points are shown in the diagram above. Please note the red minimum and maximum immersion marker must be observed when installing the heater in the tank.

The standard immersed lead length sizes are as follows

| Single phase | Three phase | |
|--------------|------------------------|------------------------|
| 0.5 – 9.0kW | 1.5, 3.0, 6.0 – 18.0kW | 2.0m, 3.0m, 5.0m, 8.0m |

Please specify required lead lengths when ordering



Popular heater installation showing position of FLEX splice outside the tank

Other Popular Heater Options

| | |
|---------|---|
| HPD | Hazard Protection Device switches heater off when liquid level is too low |
| OTP | Over Temperature Protection. Heater mounted PT100 sensor with fixed set point controller |
| OTF | Thermal fuse Heater mounter fuse set at fixed point |
| Baffles | Fixed to the front of the heater for additional protection |
| | |

Visit our website to see all available options