

'RFA-C' Flameproof Immersion Heaters

The EXHEAT 'RFA-C' range of flameproof removable core heaters offers a Hazardous Area heating solution for oil and similar applications where low heat density is required. The element can be withdrawn for inspection without system drain down. The standard heater consists of a single element core fitted into a mounting flange. A robust Ex'd' terminal enclosure protects the electrical connections. The watts density of the element core fitted depends upon the media to be heated and the kilowatt rating required.

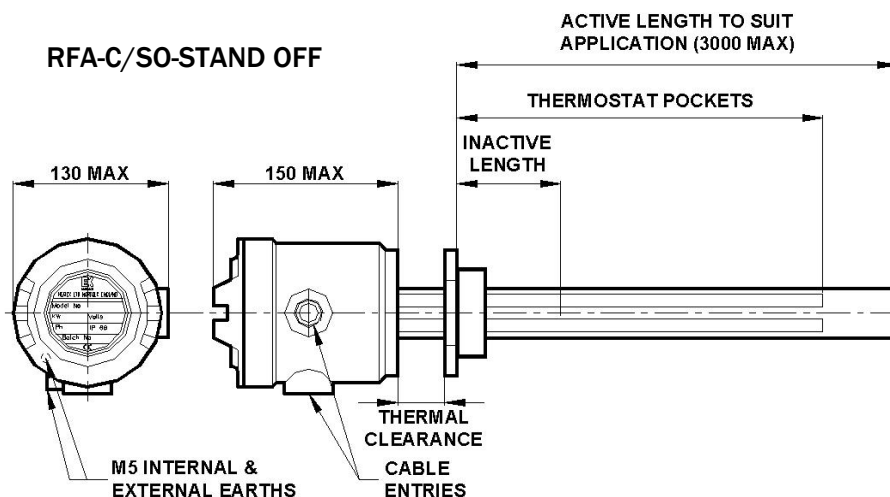
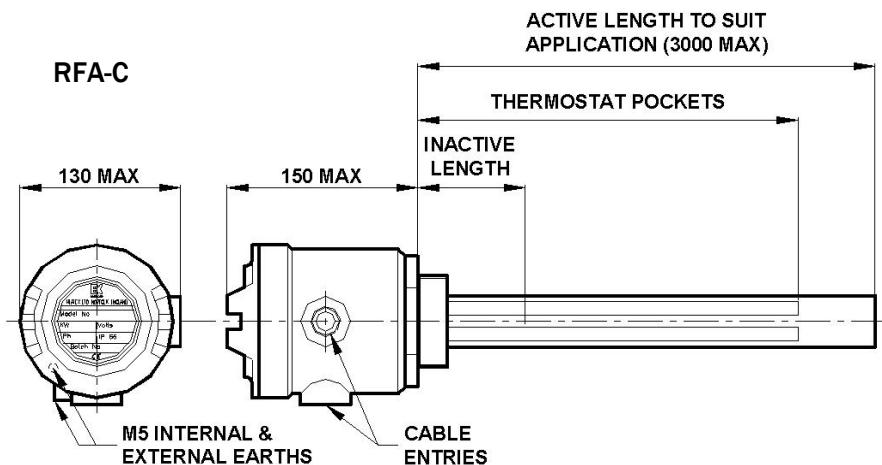


FEATURES

- Certified to meet the ATEX Directive 94/9/EC.
- Lightweight cast aluminium alloy terminal enclosure with weatherproof protection to IP67.
- Choice of built in process temperature sensors.
- Mounting of the heater can be by a threaded boss or an industry standard flange.
- Designed for horizontal installation only. Vertical mounting version available on request.
- Can be supplied with the terminal box mounted away from the fixing boss/flange for high process temperatures.

TYPICAL APPLICATIONS

- Pre-Heating Oil/Water
- Processing Equipment
- Cleaning & Rinsing Tanks
- Heat Transfer Systems
- Boiler Equipment
- Frost Protection



Certification	ATEX Certified II 2 G Ex'd' IIC T4 to T6 to EN60079-0 and EN60079-1.
Enclosure	Cast Aluminium alloy with a maximum of two cable entries, external and internal earths, screwed terminal cover, finished in epoxy paint.
Elements	Removable core, comprising high quality 80/20 Nickel Chrome resistance wire, contained within ceramic formers.
Element	A choice of Carbon Steel, or 316L Stainless Steel secured by either brazing or welding depending upon the process application.
Controls	Heater over-temperature protection is fitted as standard.
Mounting	Any threaded boss or flange in any material can be specified within the limits of the design parameters. Heaters can be either 'direct-on' or 'stand-off'.
Rating	Maximum loading 8kW.
Voltage	Any electrical supply up to 690v.