

MTH Mini Tank Immersion Heaters

The MTH range of heaters is a smaller range of immersion heaters that provide an ideal solution when space is at a premium. Each is designed with specific fittings for direct immersion, and are fully certified for use in hazardous areas where the atmosphere is classified as a Zone 1 or 2 (IIA, IIB, IIC) gas group, or a Zone 21 or 22 (IIIA, IIIB, IIIC) dust group.

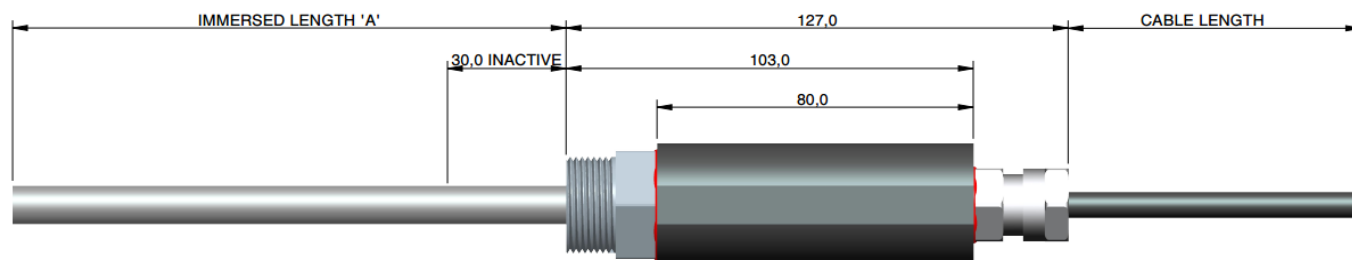


FEATURES

- “Plug and play” style heater, screws directly to tank or boss as required.
- Horizontal or vertical installation.
- Suitable for ambient temperatures as low as -60°C (subject to certification parameters). Max ambient limit TBC.
- Different sized withdrawable cartridge elements available
- Optional built-in thermocouple for over-temperature protection available

TYPICAL APPLICATIONS

- Air warming
- Anti-condensation
- Boiler equipment
- Cleaning and rinsing tanks
- Frost protection
- Hot water storage tanks
- Sumps
- Tank bases



Certification

ATEX/IECEX

Ⓔ II 2 G D

Ex d IIC T3 Gb

Ex tb IIIC T200°C Db (IP65/68)

CCOE, CSA, CU TR (EAC), INMETRO, KGS to be available shortly

Cable

3m standard – longer available on request

Element options

Available in 10mm, 16mm and 20mm sheathed variants.

Materials

Body: Anodised aluminium 6082 T6

Boss: Stainless steel 316

Element: Stainless steel 316

Mounting

Threaded SS316 boss suited to client requirements.

Available in a range of sizes in BSP, NPT and Metric fittings.

Model	Rating (W)	Voltage *	Immersed length (mm)	Inactive length (mm)	Surface load (W/cm ²)	Fixing	Element
Suitable for Oil & Water Applications							
MTH-0.05-4-JS/JNS	50	240	100	30	1.4	1" BSP/NPT	16mm
MTH-0.1-5-JS/JNS	100	240	130	30	2.0	1" BSP/NPT	16mm
MTH-0.15-7-JS/JNS	150	240	180	30	2.0	1" BSP/NPT	16mm
MTH-0.2-9-JS/JNS	200	240	230	30	2.0	1" BSP/NPT	16mm
MTH-0.25-11-JS/JNS	250	240	280	30	2.0	1" BSP/NPT	16mm
MTH-0.3-13-JS/JNS	300	240	330	30	2.0	1" BSP/NPT	16mm
MTH-0.4-16-JS/JNS	400	240	420	30	2.0	1" BSP/NPT	16mm
MTH-0.5-21-JS/JNS	500	240	530	30	2.0	1" BSP/NPT	16mm
Suitable for Air Warming Applications							
MTH-0.05-12-JS/JNS	50	240	320	30	0.3	1" BSP/NPT	16mm
MTH-0.1-24-JS/JNS	100	240	610	30	0.3	1" BSP/NPT	16mm
MTH-0.15-35-JS/JNS	150	240	890	30	0.3	1" BSP/NPT	16mm
MTH-0.2-46-JS/JNS	200	240	1190	50	0.3	1" BSP/NPT	16mm
MTH-0.25-58-JS/JNS	250	240	1480	50	0.3	1" BSP/NPT	16mm

* Custom voltage available on request

Please contact our Sales Team to discuss the full range of options available.