



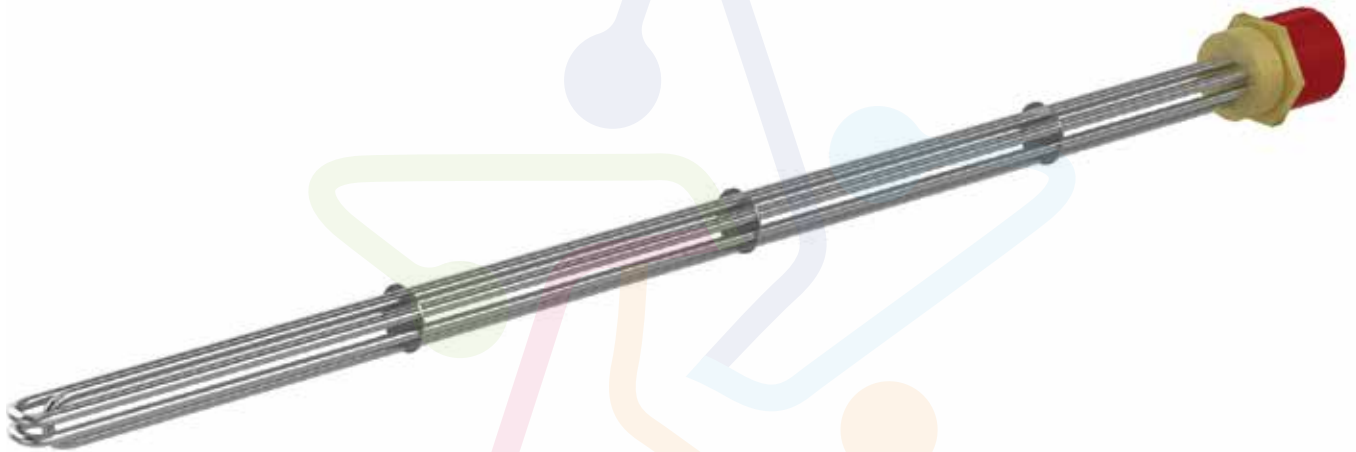
www.magmatechnologies.in

DESIGN & MANUFACTURE ELECTRIC HEATING PRODUCTS

MAGMA TECHNOLOGIES established in 2003 manufactures electric heating products. With over several years of experience, commitment and exclusive cutting edge technology, MAGMA offers most versatile and quality products and services in INDIA and Abroad as well. Magma aims to achieve control over all electric heating problems or projects that proves difficult to the buyer in all aspects whether technical or commercial area.

Magma designs and manufactures commercial and industrial electric heating and control systems that set the industry for excellence. Our main focus is to build custom made electric heating elements for customers from domestic specialists to industrial manufacturers who need a new heating solution or who can't find a replacement for their machine / appliance. We deliver satisfaction by giving total electric heating solution package from start to finish in any project.

Magma is fully equipped for all challenges whether internally or externally managed situation. Our quality checks are done in house. We can undergo any certification (PRODUCT OR COMPANY) process of different - different countries if the deal so demands.



FLANGED IMMERSION HEATERS

FLANGED IMMERSION HEATERS

One of the most widely used method for heating liquids such as water, oil, heat transfer fluid and corrosive solutions is MAGMA Flanged immersion heaters. This method is energy efficient and easily monitored and controlled. They are designed for use in tanks and pressurized vessels.

MAGMA Flanged immersion heaters are easy to install and maintain to provide heat for many processes. These through-the-side immersion heaters utilize standard pipe flanges of various ranges in diameter to support high tank pressures of liquids. They are installed through a matching companion flange, obtainable from local industrial supply houses, to the tank wall.

Many different alloys used in the MAGMA flanged immersion heaters allow the flexibility to help resist corrosion and maintain life longevity of the flanged heater. Steel flanges are typically used for lubricant oils, heavy and light oils, waxes as well as mildly corrosive liquids and low flow gas heating. Applications of steel flanges are process water, soap and detergent solutions as well as de-mineralized or deionized water. Stainless steel flanged heating elements are used with mildly corrosive solutions as well as severe corrosive solutions. Food applications use stainless steel for sanitary purposes.

The sheath materials used can be steel, stainless steel, copper as well as exotic alloys such as Inconel, hast alloy and titanium. Extremely corrosive environments such as salt water should use exotic alloys such as titanium to avoid sheath breach over excessive durations. Industries that use exotic alloys can include military, Chemical and process industries.

MAGMA offers flanged immersion heaters in varying kilowatts ratings, voltages, temperature ranges, sheath materials and so on. A wide selection of watt densities, heating outputs and flange sizes and ratings make this an excellent heater for all tanks, or irregularly shaped vessels.

Typical applications include preheating different grades of oil, cleaning tanks and heat transfer