

FLANGED IMMERSION HEATERS

Flanged immersion heaters are used for heating test materials in process tanks and vessels. Heatmax's in-house engineers allow our team to design, test, and build flange heaters for your specific project and application. Extremely versatile and customizable, our flanged immersion heaters are used in a wide range of industries, from heating gas and liquids in large storage tanks to saltwater desalinization on ships. Explore our collection of custom-made flanged heaters and talk to one of our sales engineers to start planning your unique solution.



Flanged Immersion Heater Features

Each flanged heater is designed to fit your requirements, including different sizes, materials, and wattage.



Simple Installation

Installing a flanged heater is easy. Bolt the flanged immersion heater into a tank, pressure vessel, or in-line vessel.



High Heat Output

Our flange immersion heater design allows for multiple elements and high heat output with lower watt density.

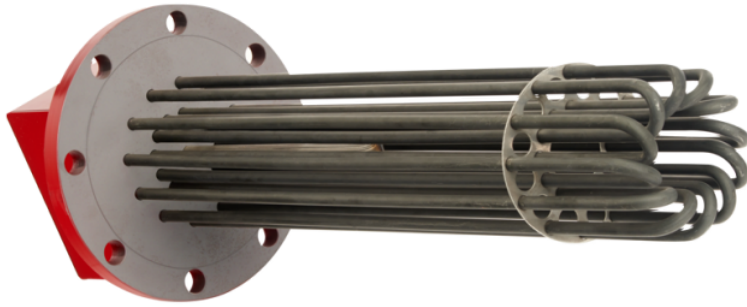


Versatile

Our flanged immersion heaters are available in a variety of sizes and material combinations to meet your application needs.

Customized Flange Heater Specifications

Heatmax's flanged immersion heaters are designed to fit your requirements, including various sizes, materials, and wattages.



Voltage

Our custom flange heaters can be supplied with voltages up to 600V.



Wattage and watt densities

Custom-made flanged immersion heaters can be designed with any requested wattage or watt density available.



Flange size and ratings

Standard ANSI sizes as well as Metric flanges are available for each flanged immersion heater we manufacture. We can also engineer custom square, round, and other flanges to match your unique coupling.



Flange materials

Heatmax's flanged immersion heaters are available in various alloys including Steel, Stainless Steel, Titanium, and other specialty alloys.



Length

The element length of each flanged immersion heater can be built to fit the space your application demands.



Element sheath material

Standard sheath materials, including Copper, Stainless Steel, Titanium, and Incoloy, are available for our flanged heaters. Specialty alloys are also available including Hastelloy, Incoloy 600, Monel, Alloy 20.



Element numbers

Element configurations of 1 to 36 are available for our custom-made flanged immersion heaters.



Terminal boxes

We can fit your flanged immersion heater with a NEMA 1, NEMA 4, and NEMA 4/7/9 box.



Thermostat, Thermocouples and Thermowell

A flanged immersion heater with a thermostat is available on request.