

## Flanged Immersion Heating Elements

Flanged immersion elements are used for heating oils, liquids, and gases in large quantities. Also known as process heaters, they are available in variety of sizes and outputs to suit a wide range of applications.

Custom designs and modifications are available on request.

### Applications

Typically used for:

- Instant high temperature heat in asphalt and bitumen plants.
- Boiling hot water for a wide range of applications.
- Sterilising equipment and CIP (Clean In Place) systems.
- Heating large volumes of gases, oils, and chemicals.
- Heating wastewater as part of the treatment process.

### Features and benefits

- Consistent heat for large quantities of liquids, gases, and oils.
- Custom design sizes and wattages available on request.
- Constructed from durable materials to withstand long-term use in harsh conditions.

### Construction

- Stainless steel terminal enclosure.
- Stainless steel element spacers and thermostat tubes.
- Electrical fitting sockets to suit your requirements.



Flanged immersion elements suit a wide range of applications such as oil/water immersion, bolt-on circulation systems, waste oil pre-heating and waste water processing

- Alternative sheath material available in stainless steel, Incoloy and titanium.
- Alternative flange material available on request.

### Specifications

Element type	Diameter size (mm)	Watt range
Table E flange DN80	8 mm diameter sheath	3-19 kW
Table E flange DN100	8 mm diameter sheath	8-33 kW
Table E flange DN150	11mm diameter sheath	25-105 kW

Contact Argus Heating for expert advice on the best heating solution for your application.