



DIRAC INDUSTRIES

DIRAC INDUSTRIES
YOUR SOLUTION FOR ELECTRICAL HEATING & CONTROL

YOUR GLOBAL SOLUTION PARTNER

FOR ELECTRIC HEATING - CONTROL&WIRING - METALWORKS

Stay Connected



YOUR GLOBAL PARTNER IN HEATING SOLUTIONS

DIRAC Industries has more than 60 years of experience in the field of electrical industrial heating.

With our extensive expertise and our brand-new production facility, we can offer you a global solution that meets all your needs.

Thanks to our flexible structure, you can count on a quick and thorough follow-up of your projects.

In addition, we provide on-site technical telephone support at any time.

“ Share your project with our engineers and they will help you with the best possible solution for your needs! ”

Bart De Bruycker – CEO



ABOUT

HISTORY



ABOUT

OVERVIEW



200 people



14 m€

Head Quarter- BE

Design/Engineering - BE, DE, CZ, IN

Sales Offices - BE, NL, FR, CZ, HU, IN

Production - CZ

Installation - BE, CZ



ABOUT BUSINESS UNITS

Since we are specialists in multiple areas, we always want to provide the best possible solution for each customer. Therefore, we have modeled our company into 8 different business units, which ensures that your project is always in the right hands.

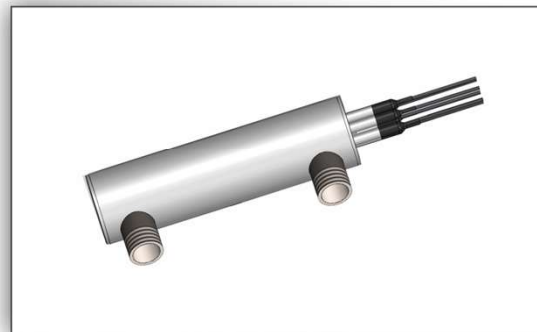
Not sure which solution is best for you? That's not a problem!
Contact us and one of our sales representatives will help you

DIRAC INDUSTRIES



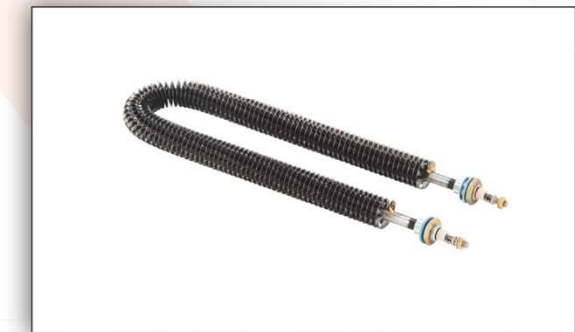
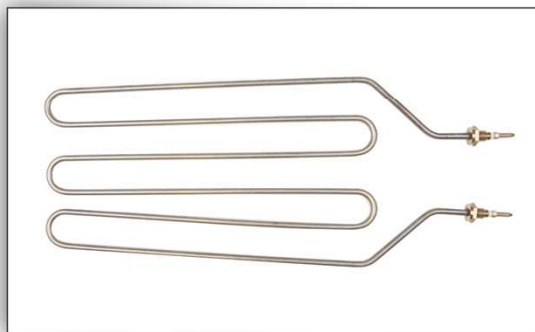
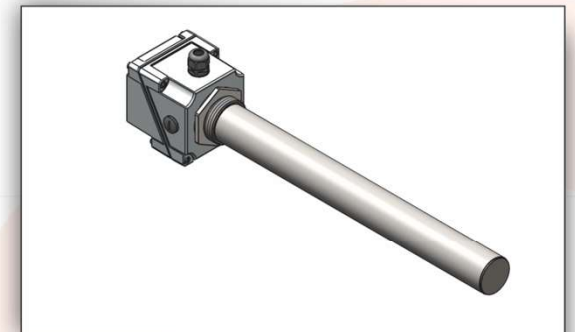
ENGINEERING APPLICATIONS:

Heat pumps / Airco - Boilers -
Washing machines - Compressed
air dryers - Cooling towers - Food
processing machines - Furnaces



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PCA MATS

Alufoil heating mats are customized to meet specific application requirements, offering optimal performance. They are manufactured in our own facilities and provide excellent heating and temperature maintenance capabilities up to 100°C. These mats are versatile and can be easily mounted in various applications.

Produced pieces annually: 600.000 pcs

Aluminium Bottom Plate Heater



CRANKCASE HEATERS

Crankcase heaters play a crucial role in air-conditioning, heat pump, and chiller systems. Their primary function is to prevent refrigerant migration and mixing with crankcase oil during system downtime, as well as condensation in the compressor's crankcase. These heaters maintain the refrigerant at a temperature higher than the coldest part of the system. They consist of a long, thin electrical heater with an adjustable strap or spring, which fits perfectly around the cylindrical housing of the crankcase.

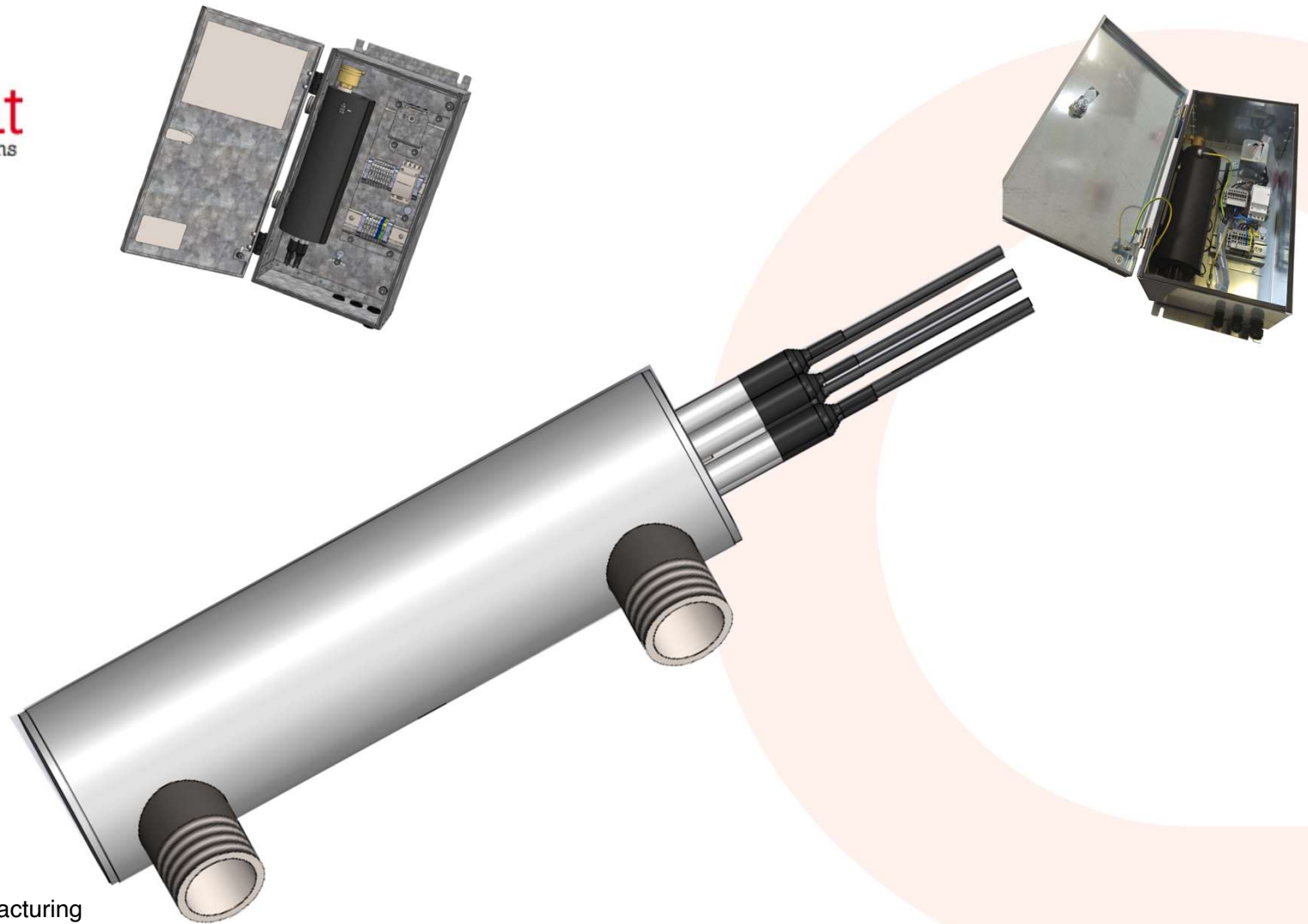
Produced pieces annually: 240.000 pcs





BUH-BTT - BACKUP HEATER

Backup Heaters serve as an additional heat source, providing redundancy and ensuring continuous heating operation.



Produced pieces annually: custom manufacturing

IMMERSION HEATERS

Immersion heaters are highly efficient devices that directly heat water, oil, or chemical solutions through heat conduction. They find extensive use in various industrial processes, ensuring minimal energy loss as the heat is generated within the liquid itself. Our immersion heaters are categorized based on the type of liquid they heat, such as water, oil, or chemical solutions.

Produced pieces annually: 11.000 pcs

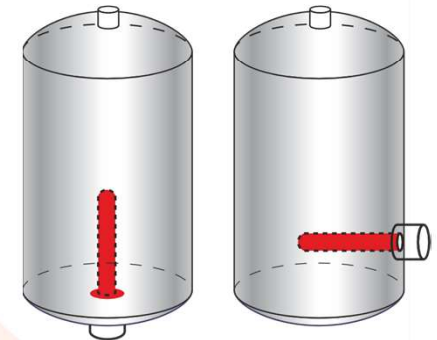


Screw Immersion Heater

RBC - CERAMIC CORE IMMERSION HEATERS

Ceramic core immersion heaters are designed for heating liquids through natural or forced convection. They are constructed with resistance wires housed in ceramic elements and protected by a pocket that comes into contact with the fluid. This technology allows for easy replacement of the core heater without dismantling the entire immersion heater or draining the tank.

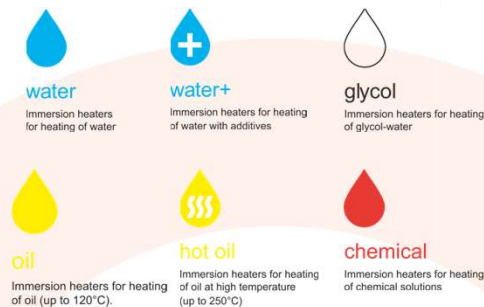
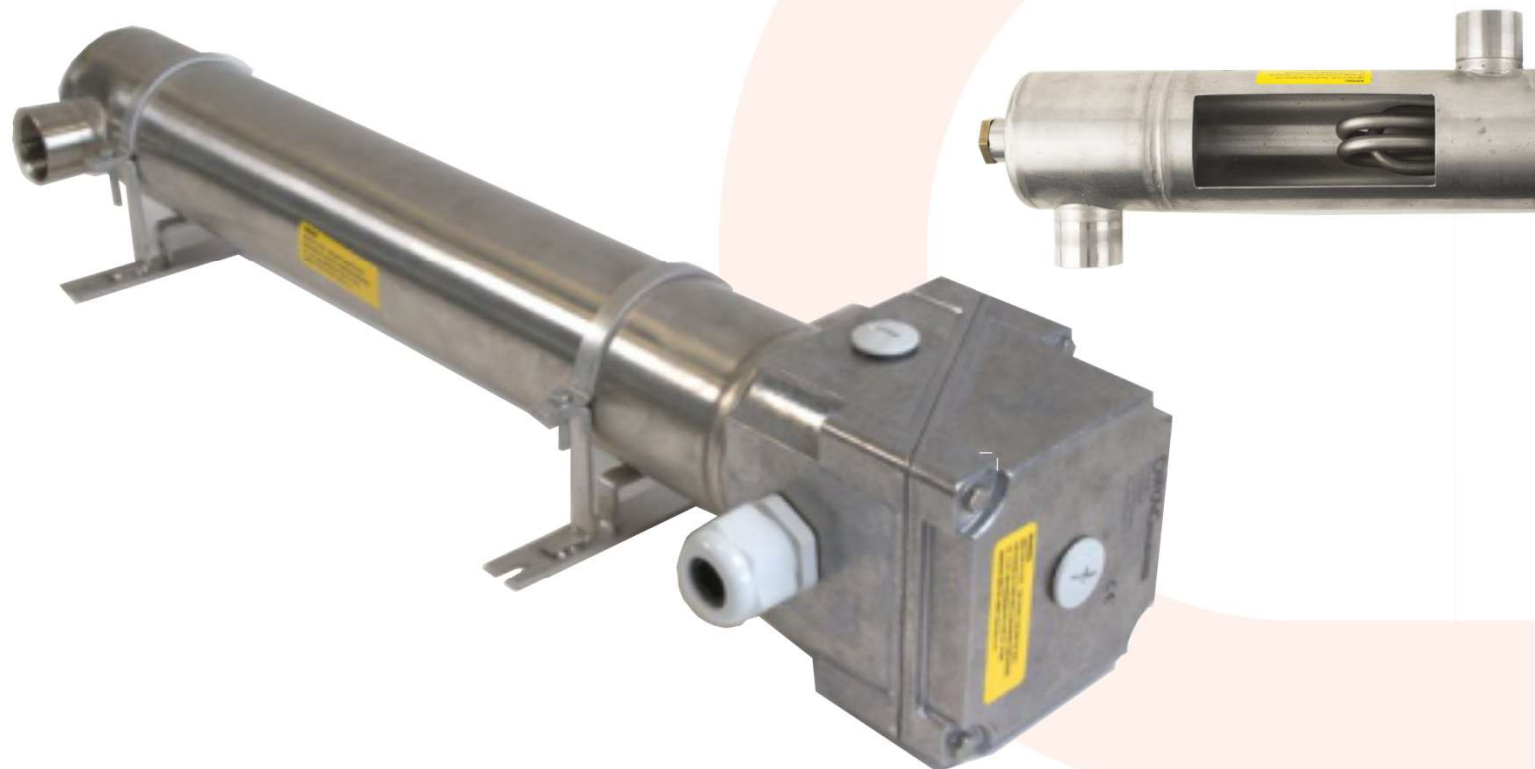
Produced pieces annually: 30.000 pcs



CIRCULATION HEATERS

circulation heaters, available in pre-insulated or non-insulated variants, are housed in robust stainless steel enclosures. These heaters come with mounted immersion heaters, connection boxes, and optional measuring devices. We offer pre-insulated versions for added convenience.

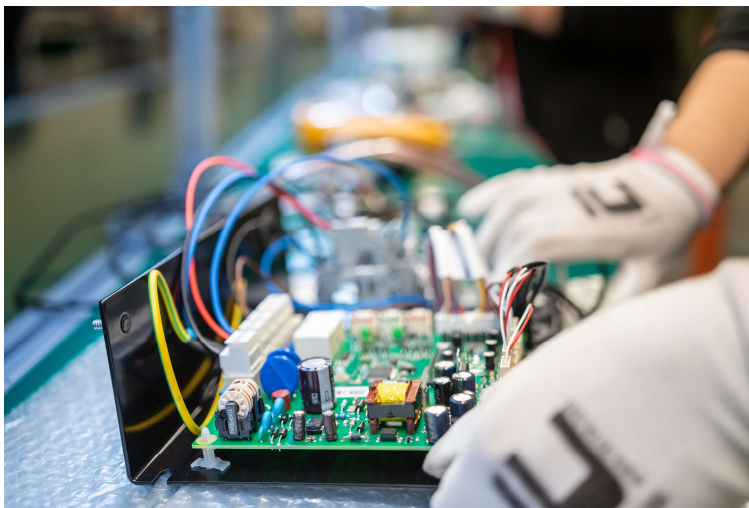
Produced pieces annually: 500 pcs



CONTROL CABINETS

Control Cabinets for heating systems provide an essential component for efficient temperature regulation and control.

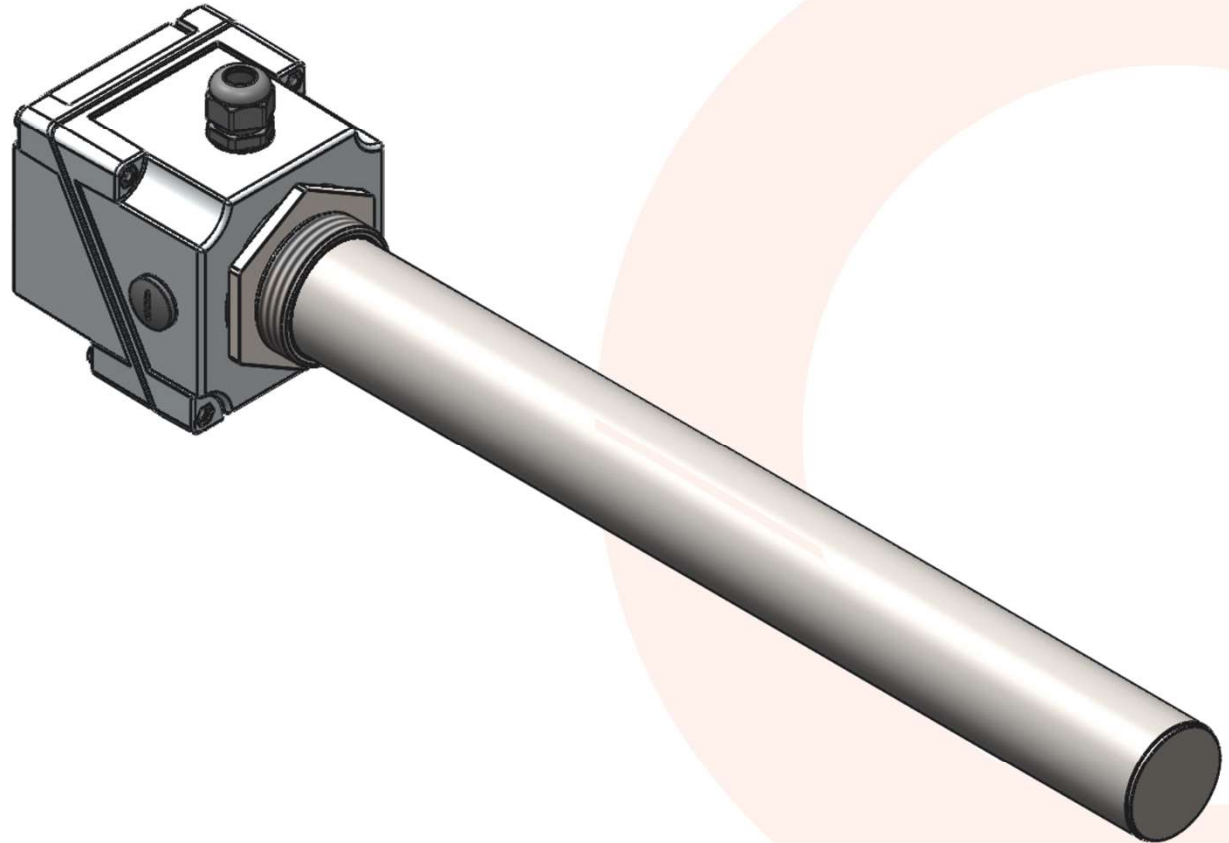
Produced pieces annually: 22.000 pcs



DTV-RBC

Standard Screw Plug with Pocket enables the easy replacement of Ceramic Core Elements (RBC) without dismantling the entire immersion heater or draining the tank containing the fluid to be heated.

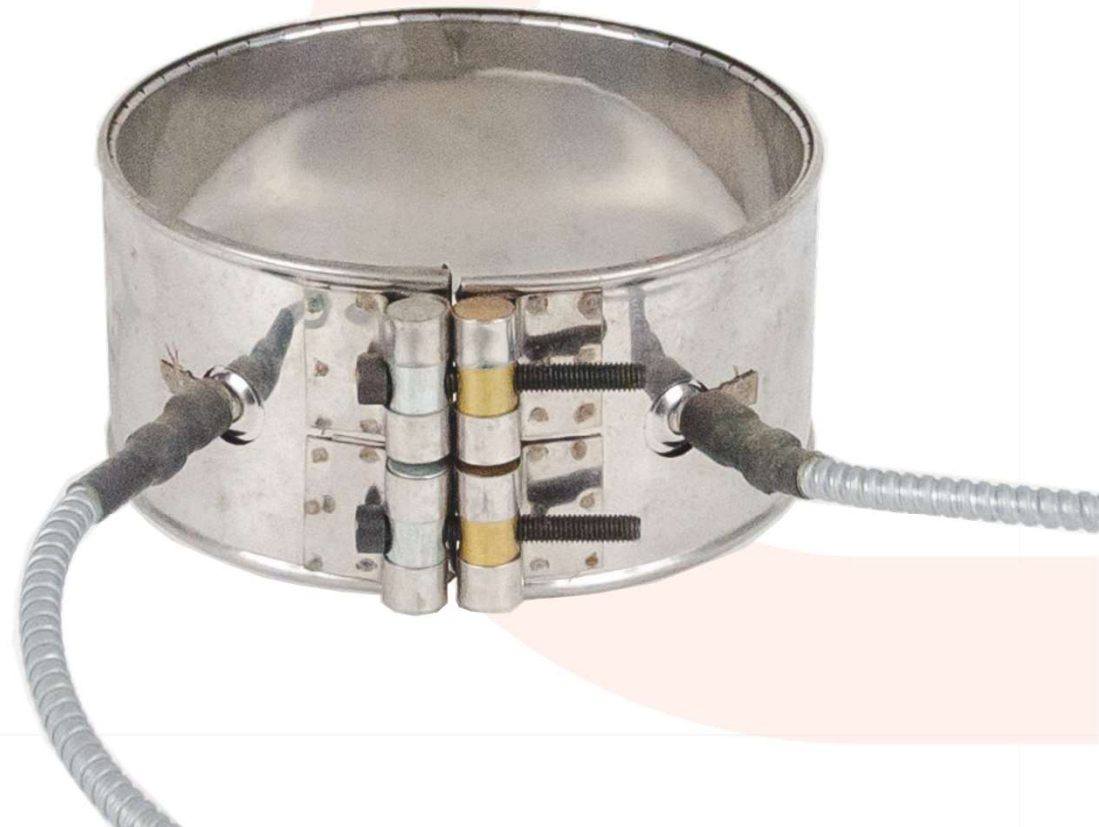
Produced pieces annually: custom manufacturing



MBH – MICA BAND HEATERS IN ALL SIZES AND OUTPUTS

Mica Band Heaters (MBH) find widespread use in the plastics industry and other cylindrical heating applications. They consist of a resistance wire or tape wound onto a mica sheet, protected by a steel cover.

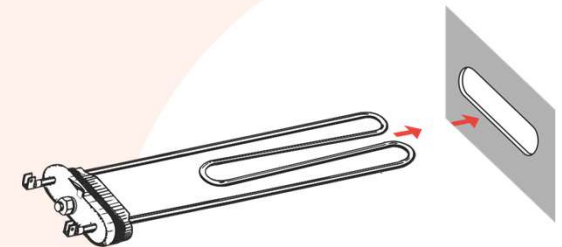
Produced pieces annually: 3.000 pcs



EML - FAST ASSEMBLY HEATING ELEMENT

Heating elements with an integrated flange and neoprene gasket are primarily used in washing machines and are produced in large quantities for Original Equipment Manufacturers (OEM).

Produced pieces annually: 65.000 pcs



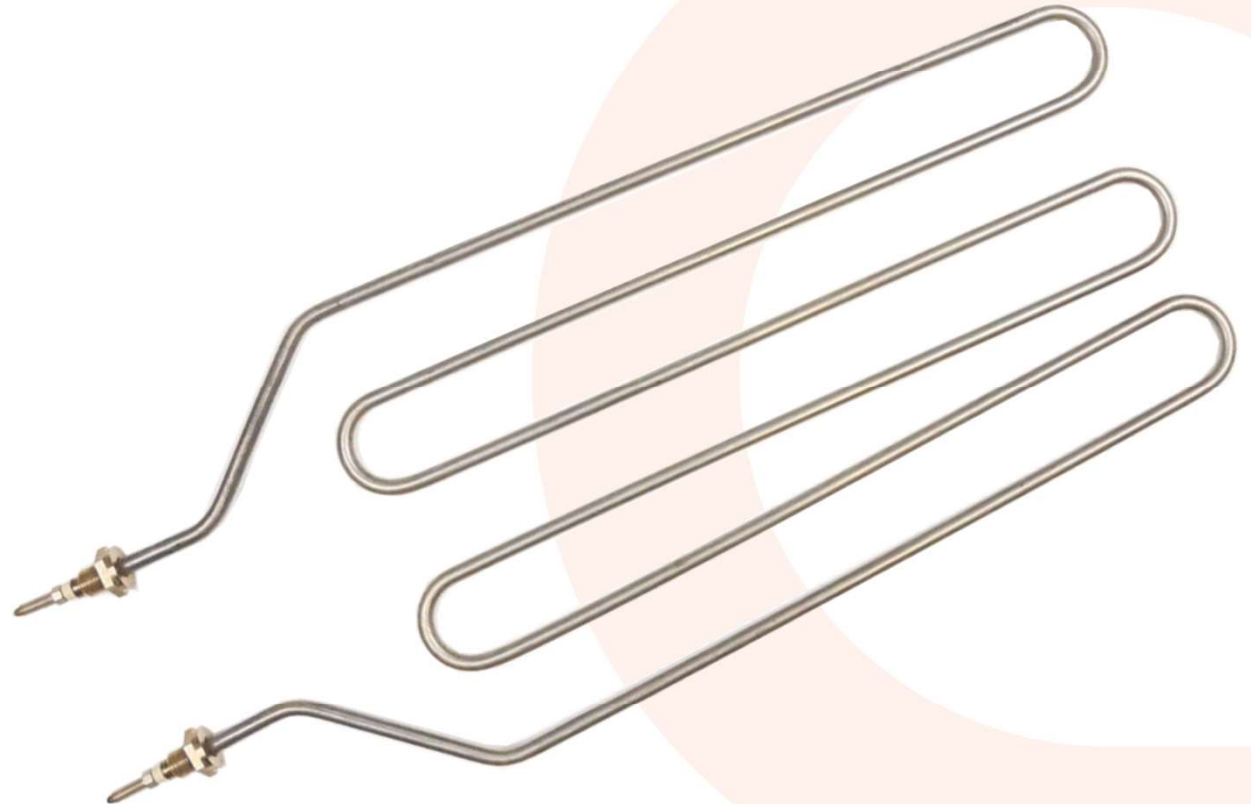
Laundry
Industrial Washing Machines
Industrial Ironing Machines

Washing Machine Heating Element

METAL HEATING ELEMENTS

Metal sheathed heating elements are versatile and customizable. They feature an FeCrAl alloy resistance wire welded to terminal pins in a metal tube. High-quality magnesium oxide fills the tube for efficient heat transfer. Insulated by ceramic bushes, the terminal pins create a non-heated section. Different fitting options are available, including crimped, welded, brazed, or compression glands.

Produced pieces annually: 12.000 pcs



ASI - FINNED RESISTORS

ASI (Air Spiral Industrial) heaters feature a spiral-wound stainless steel fin and are designed for heating circulating air in comfort heating, drying loops for ovens, load banks, and various industrial processes up to 200°C.



Produced pieces annually: custom manufacturing



Our modern, high-tech production facility in Kollin, CZ can rely on an experienced design and production team to take on any challenge.

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