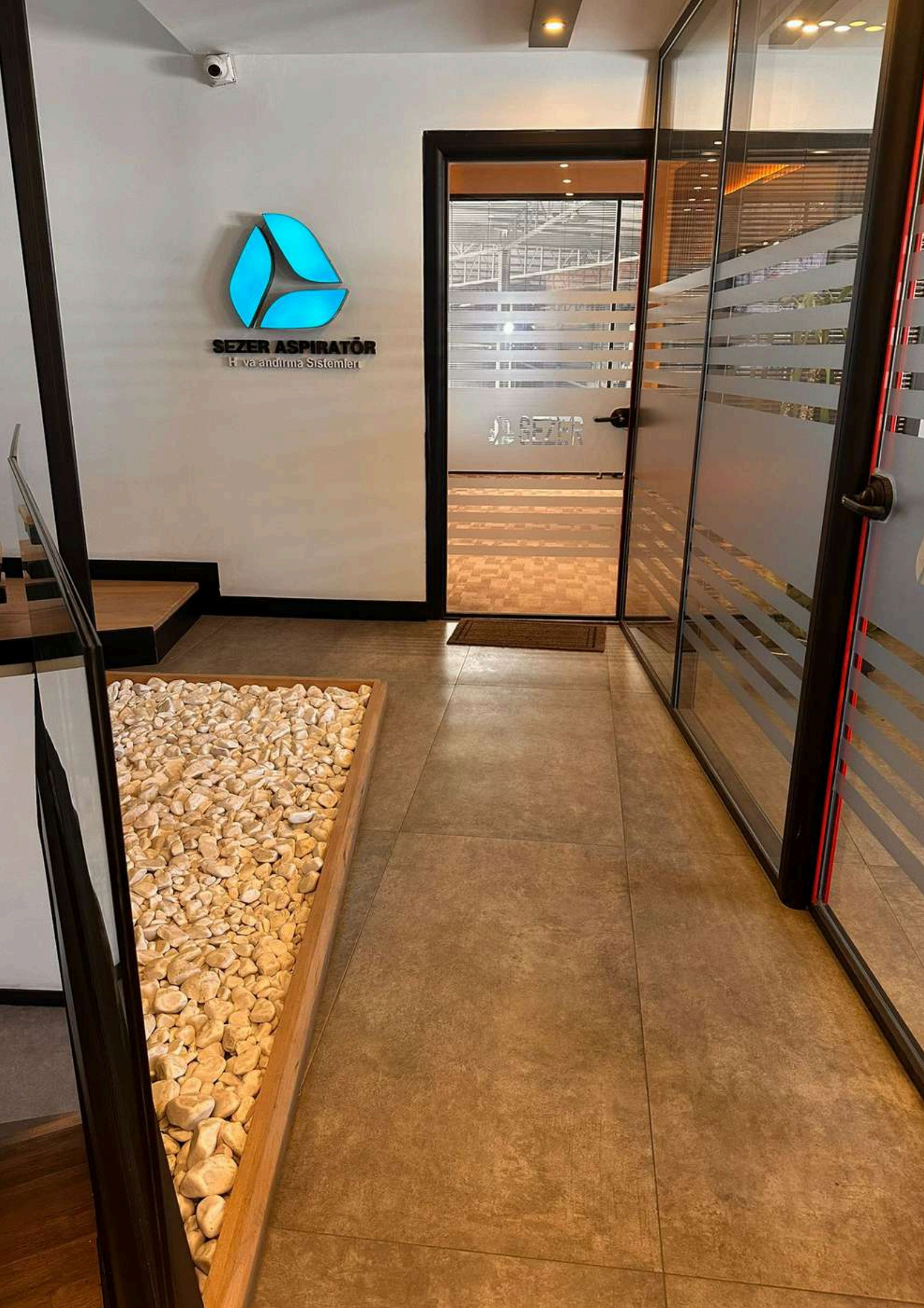
SEZER

ELECTRIC HEATING ELEMENTS

PRODUCT CATALOG

www.sezerhavalandirma.com


SEZER ASPIRATÖR
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Electric Heating Elements

As Part of Sezer Ventilation’s Extended Product Range

In addition to our core ventilation solutions, Sezer Ventilation is proud to offer high-quality electric heating elements as part of our expanded product portfolio. Developed with advanced engineering expertise and strict quality standards, our electric heating elements are designed to meet the needs of a wide range of industrial and commercial applications.

Manufactured in our affiliated facility, these heating elements are engineered to deliver reliable, efficient, and safe performance. With flexible design options and a commitment to customer satisfaction, Sezer Ventilation provides custom-made electric heaters tailored to specific project requirements.

Product Range Includes:

Water and Oil Heaters

Cartridge Heaters

Immersion Heaters

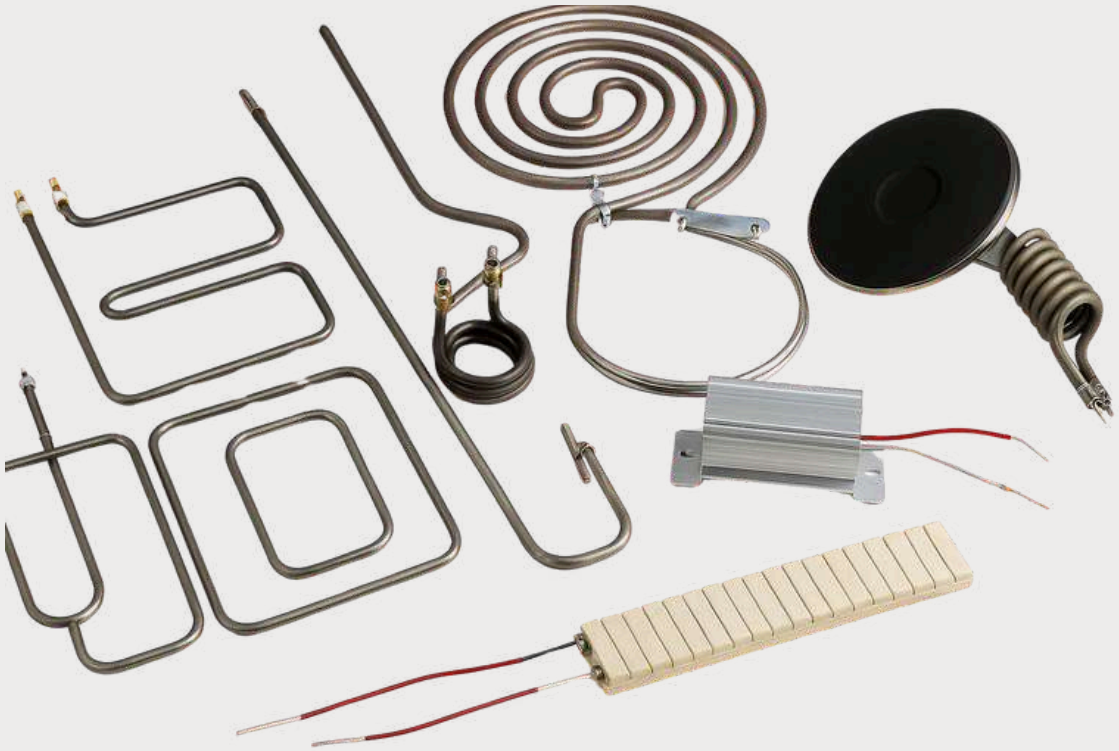
Air Heaters

Boiler Heaters

Industrial Kitchen Heaters

Custom Heating Solutions

By integrating electric heating elements into our product line, Sezer Ventilation offers complete climate control solutions for diverse environments.



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Thermosiphon Heater Elements

Thermosiphon Heater Element – 1033

Thermosiphon Heater Element – 1033
Suitable for vertical or horizontal mounting in water heating systems. Provides long-lasting performance with high thermal efficiency.

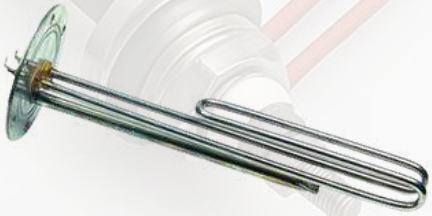
Thermosiphon Heater Elements – Model 20178

Thermosiphon Heater Element 20178
Designed for use in domestic and industrial water heating systems. Delivers efficient and reliable performance with fast heating capability.

Thermosiphon Heater Element – 1032

Thermosiphon Heater Element – 1032
Designed for efficient heating in domestic water heaters. Ensures fast temperature rise and durable performance under continuous use.

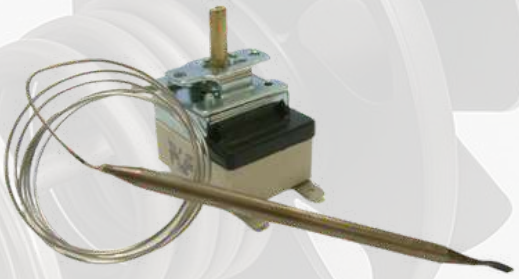
Thermosiphon Heater Elements – Model 20180



Designed for use in thermosiphon-type water heating systems, Model 20180 offers high efficiency, fast heating performance, and long service life. Ideal for domestic and industrial applications requiring reliable water temperature control.

Thermosiphon Heater Element – Model 1032-1

Specifically engineered for thermosiphon water heating systems, the Model 1032-1 ensures stable performance, rapid heating, and high durability. Suitable for both residential and commercial use.



Available Temperature Ranges:

- 30 – 90 °C
- 30 – 120 °C
- 50 – 200 °C
- 50 – 300 °C
- 75 – 400 °C

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Fryer Heating Elements

Fryer Heating Element – OR4013

Specially designed for industrial and commercial deep fryer systems, the OR4013 model ensures fast and efficient oil heating. Manufactured using high-quality stainless steel tubing, it delivers long-lasting performance even under continuous use.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4013	3500 W	230 V	8.3 mm	AISI 304	A: 200 / B: 250

Fryer Heating Element – OR4014

The OR4014 fryer heating element is designed for efficient oil heating in commercial kitchen applications. With its robust AISI 304 stainless steel tubing and precise dimensions, it ensures fast heating, durability, and long-term performance.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4014	2400 W	230 V	8.3 mm	AISI 304	A: 219 / B: 198

Fryer Heating Elements – OR4015 & OR4016

Our fryer heating elements are engineered for optimal performance in industrial and commercial deep fryer systems. Made from high-grade AISI 304 stainless steel, these elements provide rapid heating, corrosion resistance, and extended service life.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4015	3500 W	230 V	8.3 mm	AISI 304	A: 288 / B: 197
OR4016	4000 W	230 V	8.3 mm	AISI 304	A: 272 / B: 249

Fryer Heating Element – OR4011

The OR4011 model is a compact and efficient fryer heating element, designed for light-duty commercial or industrial deep fryer applications. Manufactured from AISI 304 stainless steel, it offers excellent durability, fast heating, and resistance to corrosion.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4011	1200 W	220 V	6.5 mm	AISI 304	A: 190 / B: 245

Fryer Heating Elements – OR4006 & OR4007

High-performance fryer heating elements designed for efficient oil heating in commercial kitchens. Manufactured from durable AISI 304 stainless steel, these models ensure quick heat-up times, long service life, and consistent operation in demanding environments.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4006	2750 W	220 V	8.3 mm	AISI 304	A: 170 / B: 220
OR4007	1750 W	230 V	8.3 mm	AISI 304	A: 190 / B: 225

Fryer Heating Element – OR4004

The OR4004 model is designed for efficient oil heating in compact fryer systems. With its 6.5 mm AISI 304 stainless steel tube, it offers fast heat transfer, corrosion resistance, and long-lasting durability—ideal for commercial kitchens and small industrial setups.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4004	1750 W	220 V	6.5 mm	AISI 304	A: 210 / B: 210

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Fryer Heating Elements

Fryer Heating Element – OR4001

The OR4001 model is a high-capacity fryer heating element, suitable for large-scale commercial and industrial deep fryers. Built with 8.3 mm AISI 304 stainless steel tubing and designed for 380V operation, it ensures powerful, consistent, and efficient oil heating over extended use.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4001	4000 W	380 V	8.3 mm	AISI 304	A: 240 / B: 490

Fryer Heating Elements – OR4012 Series

The OR4012 series is engineered for high-performance deep fryer systems, offering powerful 6000W heating capacity. Available in both **AISI 304 stainless steel** and **Incoloy** tube options, these elements are designed for durability, rapid oil heating, and resistance to high temperatures and corrosion. Ideal for heavy-duty commercial and industrial applications.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR4012	6000 W	230 V	8.3 mm	AISI 304	A: 355 / B: 295 / C: 48 / D: 85
OR4012-1P	6000 W	230 V	8.3 mm	Incoloy	A: 355 / B: 295 / C: 48 / D: 85
OR4012-1U	6000 W	230 V	6.5 mm	Incoloy	A: 355 / B: 295 / C: 48 / D: 85

Tea Boiler Heating Element – OR1100

The OR1100 model is specifically designed for tea boiler systems (samovar and tea makers), providing fast and efficient water heating. Made from high-grade AISI 304 stainless steel, it ensures long-lasting performance, corrosion resistance, and safe operation in continuous use.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1100	2000 W	220 V	8.3 mm	AISI 304	A: 170 / B: 200

Tea Boiler Heating Elements – OR1101 / OR1102 / OR1103

Our tea boiler (samovar) heating elements are specially designed for safe, efficient, and long-lasting water heating in domestic and commercial tea makers. Manufactured with AISI 304 stainless steel tubing, these models offer fast heat-up time, corrosion resistance, and reliable operation under continuous use.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1101	1700 W	220 V	8.3 mm	AISI 304	A: 195 / B: 210
OR1102	1500 W	220 V	8.3 mm	AISI 304	A: 170 / B: 150
OR1103	1500 W	220 V	8.3 mm	AISI 304	A: 125 / B: 136

Tea Boiler Heating Element – OR1104

The OR1104 model is a compact and energy-efficient heating element, specially designed for small-size tea boilers and samovar systems. Manufactured with AISI 304 stainless steel tubing, it ensures fast heating, corrosion resistance, and long-lasting durability.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1104	1000 W	220 V	8.3 mm	AISI 304	A: 135 / B: 95

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Fryer Heating Elements

Tea Boiler Heating Element – OR1105

The OR1105 model is designed for efficient heating in tea boilers and samovars, especially where compact size and lower wattage are needed. Built with 6.5 mm AISI 304 stainless steel tubing, it delivers fast heat-up, corrosion resistance, and long operational life.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1105	1350 W	220 V	6.5 mm	AISI 304	A: 220 / B: 170

Tea Boiler Heating Element – OR1106

The OR1106 model is a high-efficiency heating element for samovars and tea boilers, offering optimal performance in compact dimensions. Made from 6.5 mm AISI 304 stainless steel tubing, it delivers fast heating, excellent corrosion resistance, and long service life.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1106	1500 W	220 V	6.5 mm	AISI 304	A: 220 / B: 170

Tea Boiler Heating Element – OR1107

The OR1107 model is a low-wattage heating element specifically designed for small tea boilers and samovar systems. Manufactured using 6.5 mm AISI 304 stainless steel tubing, it ensures safe, efficient, and long-lasting performance, even under continuous use.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1107	1000 W	220 V	6.5 mm	AISI 304	A: 160 / B: 150

Tea Boiler Heating Element – OR1109

The OR1109 model is an ultra-compact heating element designed for small tea boilers and samovar systems where space efficiency is essential. With its 6.5 mm AISI 304 stainless steel tubing, it offers fast heat-up time, excellent corrosion resistance, and reliable long-term performance.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1109	1500 W	220 V	6.5 mm	AISI 304	A: 80 / B: 105

Tea Boiler Heating Element – OR1126

The OR1126 model is a high-power, compact heating element designed for advanced tea boilers and samovar systems. Crafted from 6.5 mm AISI 304 stainless steel, it ensures rapid water heating, excellent durability, and long-term corrosion resistance—ideal for demanding continuous-use environments.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1126	2200 W	220 V	6.5 mm	AISI 304	A: 160 / B: 160

Tea Boiler Heating Element – OR1127

The OR1127 model is designed for medium to large tea boilers requiring reliable and consistent heating performance. Manufactured with 8.3 mm AISI 304 stainless steel tubing, this element offers enhanced durability, quick heat transfer, and excellent corrosion resistance in continuous-use applications.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1127	1500 W	220 V	8.3 mm	AISI 304	A: 132 / B: 260

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Samovar Heaters veya Samovar Heating Elements

Tea Boiler Heating Elements – OR1140 & OR1141

Designed for high-efficiency water heating in samovar and tea boiler systems, these models provide reliable performance with different material options—copper and stainless steel. They are ideal for both domestic and commercial use, ensuring long-lasting durability and rapid heat-up.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1140	2000 W	230 V	8.3 mm	Copper (Cu)	A: 260 / B: 42
OR1141	2500 W	230 V	8.3 mm	AISI 304 SS	A: 220 / B: 34

Tea Boiler Heating Element – OR1114

The OR1114 model is a compact and low-profile heating element, ideal for small-capacity samovar and tea boiler systems. Built from 6.5 mm AISI 304 stainless steel tubing, it delivers reliable performance, rapid heating, and resistance to corrosion in daily use.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR1114	1500 W	220 V	6.5 mm	AISI 304	A: 100 / B: 50

Coffee Machine Heating Elements – Ç1152 & Ç1152-1P

The Ç1152 series heating elements are specially designed for coffee machines (kahvematik), providing fast and stable heating performance. Available in **AISI 304 stainless steel** and **Incoloy** tube options, these elements are ideal for long-term use in high-temperature environments, ensuring durability and corrosion resistance

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
Ç1152	1800 W	230 V	8.3 mm	AISI 304	A: 200 / B: 235
Ç1152-1P	1800 W	230 V	8.3 mm	Incoloy	A: 200 / B: 235

Coffee Machine Heating Element – OR1124

The OR1124 model is a cast aluminum heating element designed specifically for coffee machines (kahvematik). Its integrated aluminum body ensures rapid and uniform heat distribution, making it ideal for compact beverage heating systems. Suitable for long-term use with stable thermal performance and structural integrity.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Body Type	Material	Dimensions
OR1124	1500 W	220 V	Cast Body	Aluminum	

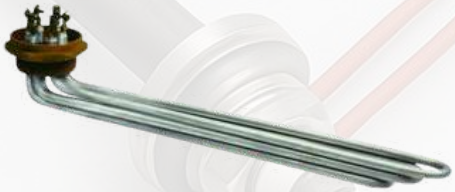
Industrial Kitchen Heaters

It is specially designed for industrial kitchen equipment; offering high thermal efficiency, durability, and rapid heat-up performance. Suitable for use in ovens, grills, bain-marie systems, and other professional cooking appliances. Manufactured with high-quality materials to withstand continuous operation at high temperatures.

Industrial Kitchen Heating Element – Model 20338

Industrial Kitchen Heating Element – Model 20334

Industrial Kitchen Heating Element – Model 20251



Industrial Kitchen Heating Element – Model 20298

Industrial Kitchen Heating Element – Model 20333

Industrial Kitchen Heating Element – Model 20359

Industrial Kitchen Heating Element – Model 20198

Boiler Heater veya Immersion Heater for Boilers

Boiler Heating Elements – RTC Series

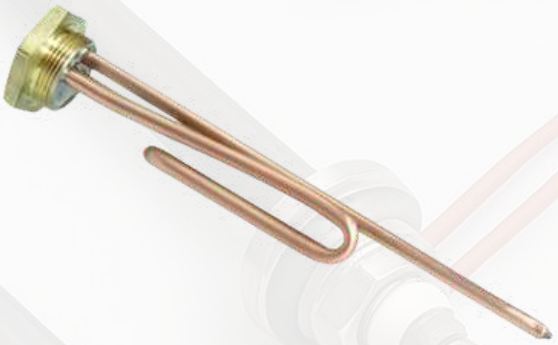
The RTC Series boiler heating elements are designed for use in electric water heaters and storage boilers, offering efficient and reliable hot water heating for both domestic and industrial applications. Manufactured using high-quality materials such as AISI 304 stainless steel or copper, these elements provide:

Rapid and uniform heat distribution

High resistance to corrosion and scaling

Long service life under continuous operation

RTC elements are compatible with horizontal or vertical tank mounting and can be customized with various wattage, voltage, and flange connection options to suit specific system requirements.



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Serpantinli Rezistans

Finned Tubular Heating Element – OR6010

The OR6010 model is a **finned tubular heating element** designed for enhanced heat transfer in air or surface heating applications. Thanks to its extended fin structure, it provides **increased surface area**, resulting in **faster heat dissipation** and **higher efficiency**. Ideal for use in industrial ovens, dryers, air ducts, and HVAC systems.

Available in two tube diameter options to suit different installation needs.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR6010	1000 W	240 V	8.5 mm	AISI 304	A: 430 / B: 360
OR6010	1000 W	240 V	11.5 mm	AISI 304	A: 430 / B: 360

Single-End Threaded Finned Heating Elements – OR6017 & OR6018

These **single-end threaded finned tubular heating elements** are designed for efficient air heating in industrial applications such as **drying cabinets, air handling units, and ventilation systems**. The finned design maximizes surface area for improved heat transfer, while the threaded end ensures **secure and easy installation** in tanks, ducts, or custom housings.

Available in two different tube diameters (8.5 mm and 11.5 mm) depending on heat transfer and mounting requirements.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR6017	1000 W	220 V	11.5 mm	AISI 304	A: 800 / B: 650
OR6018	1000 W	220 V	11.5 mm	AISI 304	A: 560 / B: 410
OR6017	1000 W	220 V	8.5 mm	AISI 304	A: 800 / B: 650
OR6018	1000 W	220 V	8.5 mm	AISI 304	A: 560 / B: 410

M-Type Finned Tubular Heating Element – OR6019

The **OR6019 M-Type finned heating element** is designed for **air heating applications** where compact size and high efficiency are critical. Its "M" shape allows it to fit into limited spaces while maximizing heat transfer through extended surface fins. Ideal for **industrial ovens, duct heaters, drying systems**, and HVAC units.

Available in two tube diameters (8.5 mm and 11.5 mm) to suit different application needs.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR6019	2000 W	230 V	8.5 mm	AISI 304	A: 436 / B: 190
OR6019	2000 W	230 V	11.5 mm	AISI 304	A: 436 / B: 190

U-Type Finned Tubular Heating Elements – OR6004 / OR6006 / OR6007

The **U-type finned tubular heating elements** are designed for **high-efficiency air heating** in industrial environments such as **ovens, drying systems, air ducts**, and HVAC units. The **U-shape** allows for compact installation, while the **finned surface** significantly improves heat transfer. These models are available in two tube diameters (8.5 mm and 11.5 mm) for application-specific requirements.

Technical Specifications:

Product Code	Power (Watt)	Voltage (Volt)	Tube Diameter (mm)	Tube Material	Dimensions (mm)
OR6004	1850 W	220 V	8.5 mm	AISI 304	A: 400 / B: 80
OR6004	1850 W	220 V	11.5 mm	AISI 304	A: 400 / B: 80
OR6006	1500 W	220 V	8.5 mm	AISI 304	A: 280 / B: 80
OR6006	1500 W	220 V	11.5 mm	AISI 304	A: 280 / B: 80
OR6007	1250 W	220 V	8.5 mm	AISI 304	A: 300 / B: 80
OR6007	1250 W	220 V	11.5 mm	AISI 304	A: 300 / B: 80

Washing Machine Heating Elements

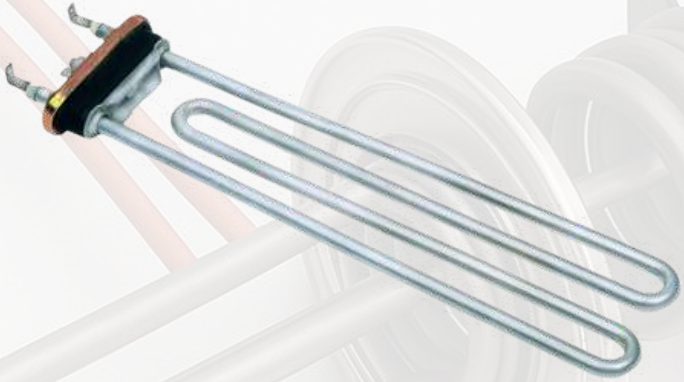
Washing machine heating elements are designed to heat water quickly and efficiently, enhancing washing performance. Manufactured with special alloys resistant to limescale build-up, these elements ensure long-lasting operation and energy efficiency. Available in various types compatible with different brands and models.

Washing Machine Heating Element – Model 20353

Washing Machine Heating Element – Model 20364

Washing Machine Heating Element – Model 20365

Washing Machine Heating Element – Model 20366



Washing Machine Heating Element – Model 20367

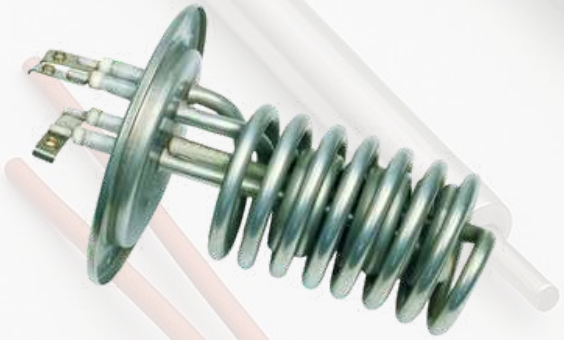
Instant Water Heater Element

Instant Water Heater Element

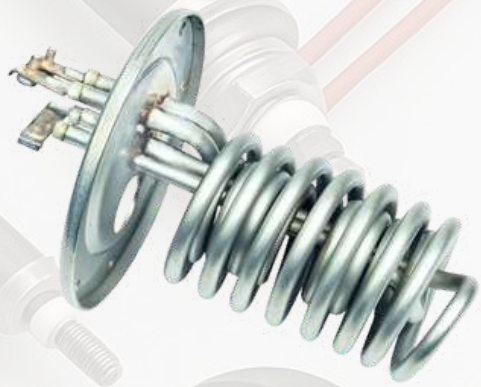
Model 20223 is a high-performance heating element designed for use in instant (tankless) water heaters. It provides rapid water heating, compact structure, and high energy efficiency, making it ideal for both residential and commercial applications. Manufactured from durable, corrosion-resistant materials, it ensures safe and long-term operation under continuous flow conditions.

Key Features:

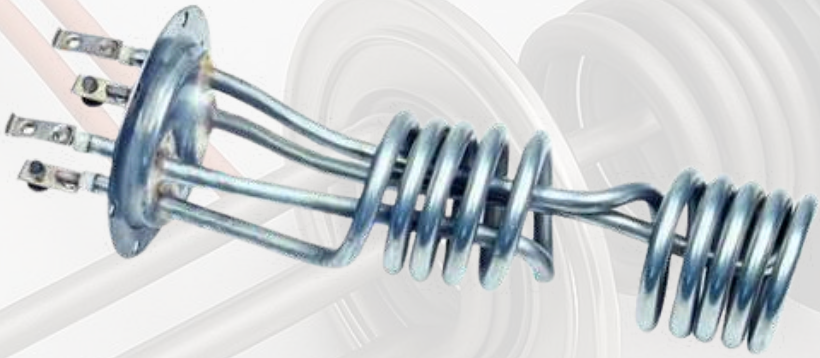
- Fast and efficient water heating on demand
- Compatible with instant/tankless water heater systems
- Corrosion and scale-resistant construction
- Compact design for easy integration
- Long service life in high-temperature environments



Instant Water Heater Element – Model 20223



Instant Water Heater Element – Model 20287



Instant Water Heater Element – Model 20285

Turbo Oven Heating Element

Model 1048-A is a high-efficiency heating element specifically engineered for turbo ovens and convection cooking systems. Designed to deliver fast, uniform heat distribution, it ensures optimal cooking performance by maintaining consistent temperature throughout the oven cavity. Manufactured using high-quality heat-resistant materials, it guarantees long service life and safe operation under high-temperature conditions.

Key Features:

- Optimized for turbo and convection ovens
- Fast and even heating across all zones
- Corrosion and oxidation-resistant construction
- Reliable performance in continuous-use environments
- Easy to install and compatible with standard oven assemblies

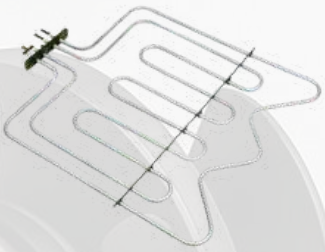
Model:1048-A

Model:1004-Y

Model:1002

Model:1048-B

Model:1164



Model:1160

Model:1004-C

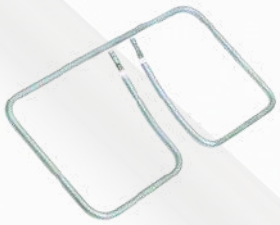
Toaster Heating Elements veya Sandwich Maker Heaters

Toaster/Grill Heating Elements
Our toaster machine heating elements are designed for use in commercial and domestic electric grills and sandwich toasters. These elements ensure rapid surface heating, uniform temperature distribution, and durability under continuous operation. Manufactured using high-grade stainless steel or Incoloy tubes, they are ideal for contact heating in small kitchen appliances.

Key Features:

- Fast surface heating for grilling and toasting
- Uniform heat spread across plates
- Durable and corrosion-resistant construction
- Compatible with both flat and ribbed plates
- Custom wattage, voltage, and shape available on request

Model:1021



Model:1023-B

Model:20066

Model:20027

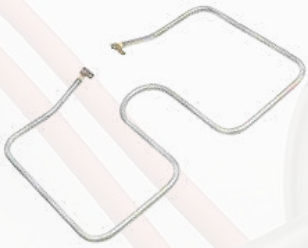
Model: 20192

Model:1024

Model:1026

Model:1025

Model:1136



Model:20218

Model:1022

Model:20248

Model:1141

Model:1135

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