



We are a reliable, state-of-the-art partner for the catering and professional cooking industries, designing elements and complete systems with the highest levels of performance and durability.

We have the **know-how**, **experience**, **processes** and **range** of materials that allow us to develop innovative products that meet the **most demanding performance** and **dimensional requirements**, always in compliance with food safety and current regulations.

Our long history and experience in supplying the food service market allows us to offer a wide range of products, from components to integrated solutions, designed, manufactured and certified to meet the highest performance and regulatory standards.



SOLUTIONS FOR PROFESSIONAL OVENS

Solutions for Combi ovens



Cavity heaters



Steam boilers



Steam flange heater

Solutions for Convection ovens



Smoker heaters



Motor breaking heaters



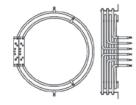
Catalyzer heaters



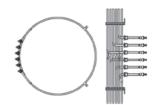
CAVITY HEATER

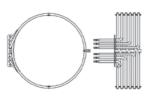
- Fast temperature ramp-up
- Robust structure, perfect insulation, with uniform heat distribution
- Energy saving and environment-friendly
- Compliant with high standard safety requirements i.e. VDE, UL, ... (Depending on specific customer's request and applications)
- Compliant with Gastro Norm
- Wide range of material options: AISI 304/304L/321/309S/316L, Incoloy 800/840
- Outstanding serviceability even in challenging applications



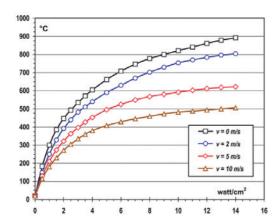




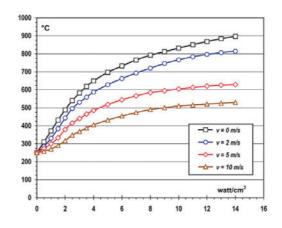




Smaller	6 1/1	6 2/1	10 1/1	10 2/1	20 1/1	20 2/1
4 - 10	9	20	18	34	2 x 18	2 x 34
3	3	6	3	6	2 x 3	2 x 6
6.25 - 8.5	6.25 - 8.5	8.5 - 12.5	8.5	8.5 - 12.5	8.5	8.5 - 12.5
5 - 6.5						
500 - 550						
AISI 304/304L/321/309S/316L, Incoloy 800/840						
Silicone (not hermetic) / Epoxy (hermetic) / NIP						
Crimping / Brazing						
	4 - 10	4 - 10 9 3 3 6.25 - 8.5 6.25 - 8.5	4 - 10 9 20 3 3 6 6.25 - 8.5 6.25 - 8.5 8.5 - 12.5 AISI 304/304L/32 Silicone (not her	4 - 10 9 20 18 3 3 6 3 6.25 - 8.5 6.25 - 8.5 8.5 - 12.5 8.5 5 - 6.5 500 - 550 AISI 304/304L/321/309S/316L, Silicone (not hermetic) / Epoxy	4 - 10 9 20 18 34 3 3 6 3 6 6.25 - 8.5 6.25 - 8.5 8.5 - 12.5 8.5 8.5 - 12.5 5 - 6.5 500 - 550 AISI 304/304L/321/309S/316L, Incoloy 800/8 Silicone (not hermetic) / Epoxy (hermetic) / N	4 - 10 9 20 18 34 2 x 18 3 3 6 3 6 2 x 3 6.25 - 8.5 6.25 - 8.5 8.5 - 12.5 8.5 8.5 - 12.5 8.5 5 - 6.5 500 - 550 AISI 304/304L/321/309S/316L, Incoloy 800/840 Silicone (not hermetic) / Epoxy (hermetic) / NIP



Temperature Profiles in forced air at ambient 20°C Sheath temperature as a function of specific surface load by changing the air flow rate (v) at ambient temperature of 20°C



Temperature Profiles in forced air at ambient 250°C

Sheath temperature as a function of specific surface load by changing the air flow rate (v) at ambient temperature of 250°C

STEAM GENERATOR

Steam boiler



Figure	Specs	
Materials	AISI304, AISI 316L	
Surface treatments	Natural / Pickling and Passivation on demand	
Welding	TIG welding (protected atmosphere on demand)	
Heater slots	1-2-3-4	
Caranastaria	Nipples - Out water - Out Steam	
Connectors	Tubes connectors - In chemicals - In water	
Water level control	internal probes / external sensors	
Insulations	Available on demand and different materials	

Steam flange heater



Figure	Specs
Tube diameters	6.25 mm - 8.50 mm
Mechanical assembly	Flange (Brazing or TIG)
No. of heating tube	3 - 6
Watt density	>8W / cm²
Tube material	INCOLOY 800/825
Sealing	Hermetic (epoxy)
Electrical connections	Wiring / Faston / threaded pin / threaded tab
Temperature control Thermostat pockets	

04 - 0525

Your global strategic partner



SOLUTIONS FOR CONVECTION OVENS

Smoker heater



Figure	Specs
Tube diameter	6.25 mm - 8.50 mm
Mechanical assembly	Flange
N° of phases	1
Tube material	INCOLOY 800
Sealing	Hermetic (Epoxy)
Electrical connection	Teflon Wiring + plug

Motor breaking heater



Figure	Specs
Tube diameter	6.25 mm
Mechanical assembly	Flange
N° of phases	1
Tube material	INCOLOY 800
Sealing	Hermetic (Epoxy)
Electrical connection	Faston / Wiring / Therated tab / Theated pins

Catalyzer heater



Figure		Specs
	Tube diameter	6.25 mm
	N° of phases	1
	Tube material	AISI304 / ASI321 / INCOLOY 800
	Sealing	Silicon / NIP
	Electrical connection	Faston
	Body	Carter + Catalytic cell

60+ Years of experience in design and production of heating Production Office elements and systems Germany Our employees France **B B** 8 **Switzerland B** 8

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ZOPPAS INDUSTRIES Partner

- Experience Zoppas Industries increasing efficiency using lean enterprise across all facilities and departments.
- · Access our state-of-the-art laboratory facilities with over 30 years' design experience.
- Benefit from Zoppas Industries manufacturing and design facilities which maintain Quality Management Systems according to ISO 9001, EN 9100 and IATF 16949, Environmental Management System according to ISO 14001 and Energy Management System according to ISO 50001.
- · Access one of the widest Heating Element Technology product portfolios in the world including completely integrated thermal assemblies with sensors, connectors, enclosures, etc.
- Benefit from Zoppas Industries global presence through design and manufacturing facilities across Europe, North America, South America and Asia - lowering your Total Cost of Ownership (TCO) including reduced logistics, design, communication and support costs.
- Access Zoppas Industries' in-house design, development and R&D capabilities, such as CAD 3D design, FEA, DOE, FMEA.
- Benefit from Zoppas Industries products third-party certification, such as UL and VDE: marking applied on customer's request.

We at ZOPPAS INDUSTRIES put you in the front seat of internationalization - sourcing your local needs globally.

Providing heat solutions in well over

different market sectors



PRODUCT TRADEMARKS









Compliance with the mark of each specific product must be properly reviewed with our Sales Department.

COMPANY CERTIFICATIONS

The countries

where you can

find us



















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