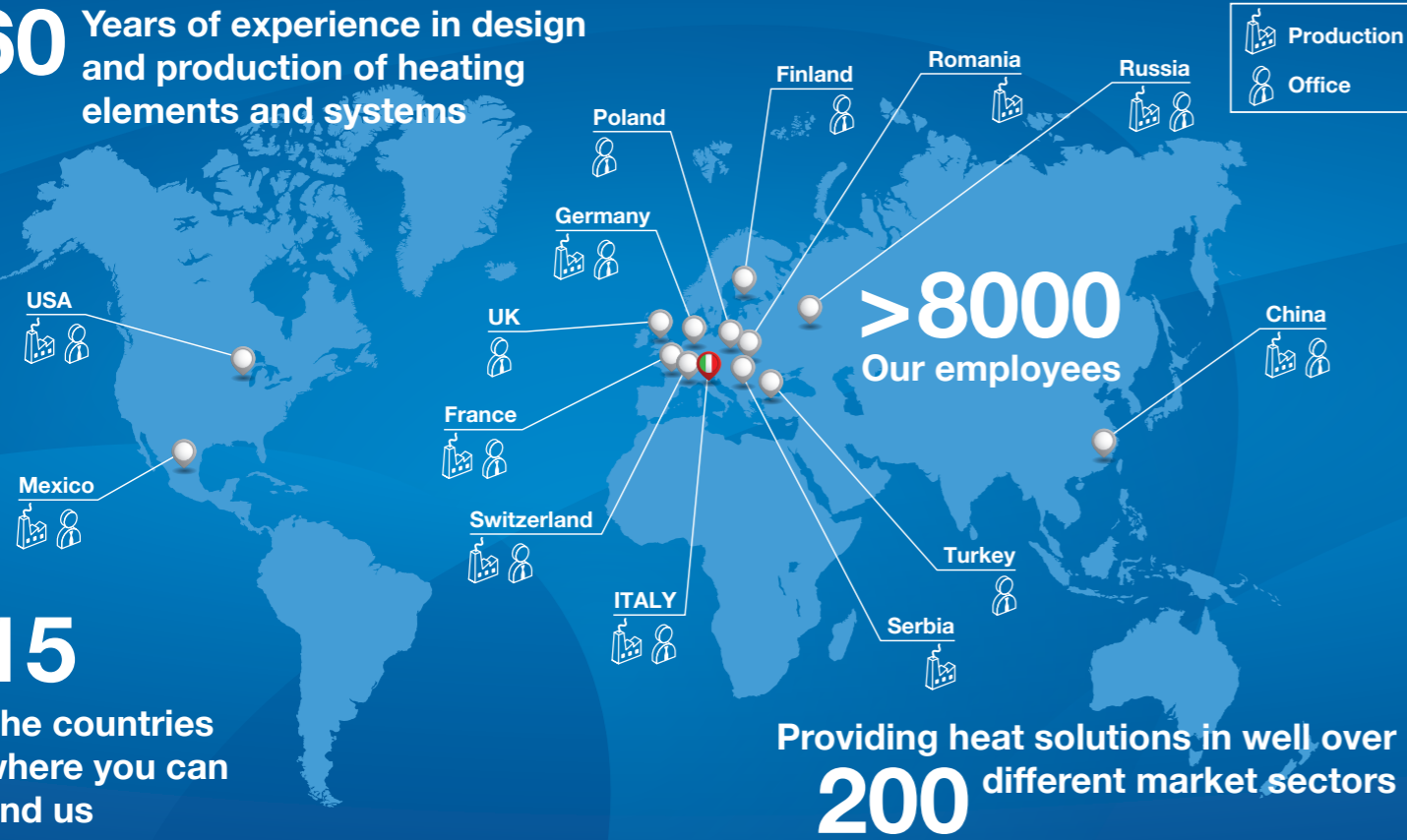


**60** Years of experience in design and production of heating elements and systems



**15**  
The countries where you can find us

**CONTROL FOR ELECTRIC TOWEL RAIL DUETTO**

**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.



PRODUCT TRADEMARKS



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

COMPANY CERTIFICATIONS



**DUETTO**  
Surface temperature electronic control for towel rails



DUETTO is an electronic thermostat controlling the water temperature designed for towel rails filled with water, water and glycol or diathermic oil. The heating system is represented by an electronic thermostatic control fixed to a Class I electric heating element integrating an NTC water temperature sensor and a safety thermal fuse. The heating system regulate the temperature of the water inside the towel rail.

Two models are available:

- DUETTO: with cable
- DUETTO WALL-IN: with hidden connection.

Both available in CHROME or WHITE RAL 9016 colors. The heating system can be installed in a stand alone towel rail or a towel rails connected to the central heating system. Water temperature regulation range: from 7°C to 60°C.

**Main Characteristics**

- Electronic thermostatic water temperature heating system for towel rails filled with water, water and glycol or diathermic oil
- Suitable for both stand alone towel rail or a towel rails connected to the central heating system
- Water temperature regulation range from 20°C to 60°C (using the knob)
- Antifreeze: 7°C
- Boost mode 3h: regulation at maximum water temperature 60°C for 3hrs
- 2 Timers: regulation at maximum temperature 60°C for 3hrs with 24h repetition
- Up to 1 hour of memory retention in case of electricity disconnection
- LED RGB
- Compact design
- Supplied as one unit with thermostatic control and electric heating element fixed together



**Applicable Standard:**

*LVD:*  
EN60335-1  
EN60335-2-43  
EN60335-2-30  
EN62233

*EMC:*  
EN55014-1  
EN55014-2  
EN61000-3-2  
EN61000-3-3



**Main operative modes**



**Antifreeze**  
Water temperature regulation @ 7°C



**Timer mode**  
Water temperature regulation @ maximum temperature 60°C for 3hrs with 24h repetition  
2 possibility to set two timer modes

**Technical characteristics**

Power Supply	230 V @ 50 Hz
Insulation class	I
Maximum power of the heating element	1500 W
Control Type	Hysteresis with microprocessor (Relay)
Class of protection against liquids	IPx4
Dimensions (H x L x W)	100 x 60 x 50mm
Net Weight	0.40 kg
Available plastics color	White, Black, Chrome (mirror finishing)
Boost	3H Programmable
Operating Temperature	0 to 50 °C @ 85 % humidity
Timers	Two timers 3hrs maximum temp. with 24h repetition

