Watt Solutions®
A Division of BRANOM INSTRUMENT COMPANY

THERMAL SYSTEMS + ENGINEERED SOLUTIONS

Precision heat. Practical engineering.

Watt Solutions provides industrial heating, sensing, control, insulation, programming, and integrated thermal-system support.



ENGINEERING SUPPORT FROM COMPONENT SELECTION THROUGH COMMISSIONING

35+ years of thermal and vacuum application experience

What We Do

Integrated Thermal Systems

Heaters, sensors, temperature and process controls, power control, safety limits, interfaces, and communications coordinated as one solution.

Industrial Heaters

Immersion, circulation, process, tubular, cartridge, flexible, cast-in, heat trace, and application-specific electric heating.

Temperature Sensors

Thermocouples, RTDs, thermowells, wiring, specialty sensors, and sensor assemblies selected for process and equipment requirements.

Controls & Power

PID and limit controllers, touchscreen process control, SCR power controllers, control panels, communications, and monitoring.

Insulation & Protection

Removable insulation jackets, thermal blankets, freeze protection, passive fire protection, and equipment heat-loss reduction.

Programming & Integration

Controller and HMI programming, profiles, alarms, data logging, system communications, SCADA support, and commissioning assistance.

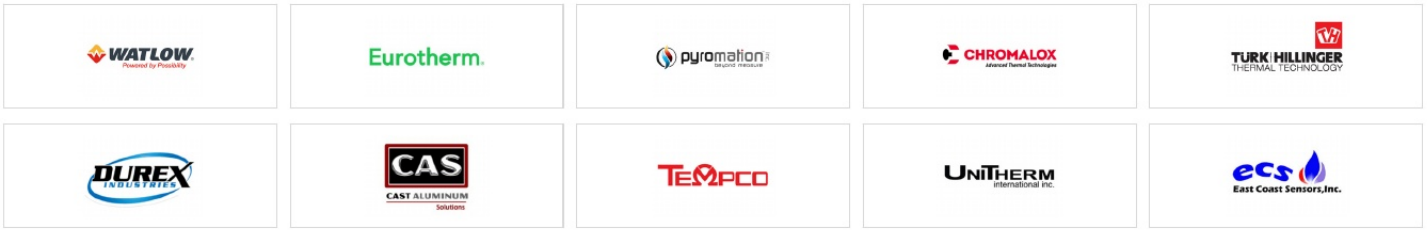
Application Engineering Capabilities

- Wattage and heat-loss calculations
- Product sizing and configuration
- Sketches and application drawings
- OEM design review and critique
- Prototype and proof-of-concept support
- Temperature uniformity and heater-life review
- Sensor placement and response evaluation
- Safety-limit and power-control strategy
- Ramp/soak profiles and data logging
- Retrofit and obsolete-equipment modernization

OUR MANUFACTURER LINE CARD

Trusted products. One application resource.

Watt Solutions supports standard part-number requests, replacements, custom designs, and complex thermal applications across a focused portfolio of established manufacturers.



Industries We Support

Semiconductor & electronics	Food & beverage	Plastics & packaging	Chemical & process industries
Energy & utilities	Medical & life sciences	Aerospace & defense	OEM machinery & manufacturing

Bring us the application, not just the part number.

From a single replacement component to an integrated thermal system, Watt Solutions helps define the requirement, select the technology, and support implementation.

Request product or project assistance
Phone: (602) 373-9663
Email: sales@watt.solutions
Web: watt.solutions
Contact: watt.solutions/contact-watt-solutions

What helps us respond faster
Include the process, target temperature, material being heated, voltage, dimensions, quantity, existing part number, and any photos or drawings available.

Manufacturer relationships, authorized territories, product availability, and specifications are subject to change. Contact Watt Solutions to confirm coverage and current product details.