Matching components for heating boilers
Control Products & Systems OEM

www.siemens.com/buildingtechnologies-oem
Optimum system solutions for enhanced room comfort

Using decades of experience in the field of boiler components and in close cooperation with reputed customers, Siemens has become a leading supplier of heating control systems. Based on this expertise, we developed a sophisticated and matching product portfolio ranging from basic burner control to high-end solutions with integrated combustion optimization. Hence, you will find a host of proven systems of modular design for almost any type of application.

When creating a system solution tailored to your specific needs, Siemens as your partner will be pleased to assist any time.
Innovative solutions for all market segments

Always the right solution at hand – products and systems from Siemens for the heating market
We specialize in the development, production and global marketing of reliable and innovative products and systems for use on forced draft burners, heating boilers and alternative heating systems. Our comprehensive product portfolio includes system solutions, burner controls, actuators, flame detectors, sensors, control systems, valves and related test equipment.

Thanks to specialization and decades of experience in these fields, our products and systems offer optimum solutions for all market segments ranging from single- and multi-family houses (residential buildings) to commercial buildings and a host of industrial applications.

All from a single source – teamwork, optimized processes and quality
Today, efficient teamwork has a major impact on our way of thinking, in our actions and innovation processes. In the OEM team of Siemens, the joint efforts of motivated and qualified staff and the exchange of experience are decisive for success. We continually rely on teamwork, both within the company and in close cooperation with our customers and suppliers.

In the fields of heat generation and heat distribution, Siemens is a preferred controls supplier to leading OEMs throughout the world – thanks to our working methods, the quality and reliability of the products, our customer approach and business processes which have been matched to the specific needs of the OEM market. Employing advanced production processes, such as Kanban or just-in-time, we are able to respond quickly to the latest customer needs.

As a global market leader, we are also part of your market. This means that we not only work for you, but also think like you. For certain!
Environmental protection
Environmental consciousness, the conservation and efficient use of scarce energy resources set the focus on matching and energy-saving systems.

Using innovative solutions, Siemens helps reach these objectives by offering a consistent and comprehensive range of products optimized for heating boilers.

Our core products, boiler control systems and an extensive range of accessory items were developed to satisfy these needs.

Building management system integration
Using the OCI351 communication module, boilers can be integrated into building management systems via Modbus. Thus, LMS and RVS controllers can also be integrated into boilers with a higher performance in commercial applications.

Climatix IC – Remote Servicing System
With Climatix IC, Siemens supports OEMs throughout a plant’s life cycle. Climatix IC is a web-based Remote Service System, which makes use of the benefits offered by the cloud technology. Remote maintenance enables systems to be accessed at any time from any location. The collected data allow the OEM to gain a decisive lead in terms of know-how for sustainable business.

Siemens is constantly setting new standards in energy efficiency worldwide with intelligent integrated technologies. Our innovative solutions, systems, products, and services strike the ideal balance between building performance, comfort, and sustainability, as well as maximizing efficiency.
Complete range of gas valves
Our gas valve range were developed specifically for universal use in conventional heating boilers and condensing boilers. Applications range from on/off operation for multi-stage boilers through electrical modulating operation for atmospheric boilers to pneumatic ratio control for premixing applications. Another variant is the gas valve actuated by a stepper motor for use with electronic ratio control.

Universal range of sensors
Our sensors are available in many different versions for a host of applications: Cable, threaded immersion, strap-on and outside sensors.

Room units with optimized operation and display
Siemens offers as an extensive range of room units. Connections are made via radio link or wire. Key features are straightforward operation, clear-text and backlit display.

Powerful gas-air mixers
For the suction side with quick connection: Siemens mixers offer a low noise level and an extensive modulation range.

Electronic high-voltage ignition
Designed to facilitate mounting on Siemens gas valves – ready to mount, prefabricated with cable and plug.

HIGHLIGHTS
- Gas valves for any type of application
- Climatix IC – web-based Remote Servicing System
- Noise-optimized gas-air mixing system
- Wireless and wired control units with graphic or clear-text display in several languages
- Building management system integration thanks to Modbus communication
Innovative boiler management for unlimited choices

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<th>SWIMMING POOL FUNCTION</th>
<th>MULTI-FUNCTIONAL INPUTS AND OUTPUTS</th>
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**Legend:**
- P: Premix
- O: Oil
- 1/2: Communication
- ☺: Solar photovoltaics
- ☼: Solar Thermisch
- ☼ 2-stage burner
- ☼DHW heating
- ☼Control output for modulating fan
- ☼Pump heating circuit
- ☼Pump heating circuit (modulating)
- ☼Mixing heating circuit

**Type of boiler:**
- Fan/burner
- 2-stage burner
- 1-stage burner

**Output modulation:**
- Sitherm Pro (combustion optim.)

**Cascade:**
- Heating circuits
- DHW heating
- Solar (integrated)

**System compatibility:**
- Bivalent
- Cooling function
- Swimming pool function
- Swimming pool function
- Multi-functional inputs and outputs
<table>
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<tr>
<th>Extension modules</th>
<th>Communication</th>
<th>Operating unit</th>
<th>Room units</th>
<th>Room thermostat</th>
<th>Room sensors</th>
<th>Outside sensor</th>
<th>Service tool</th>
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<tr>
<td>S75 / AGU2.55</td>
<td>Opentherm</td>
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**Legend:**
- Input (programmable)
- Output (programmable)
- Optional
- Integrated
- Stepper motor
- Gas-air ratio control (pneumatic)

* integrated or via communication module

- LPB communication

- Modbus RS485
When building technology creates perfect places –
that’s Ingenuity for life.

Never too cold. Never too warm.
Always safe. Always secure.

With our knowledge and technology, our products,
our solutions and our services, we turn places into
perfect places.

We create perfect places for their users’ needs –
for every stage of life.

#CreatingPerfectPlaces
www.siemens.com/perfect-places