

Product range

Components and systems
for safeguarding and controlling gases

19" rack-mounted process firing system

For industrial combustion processes. Can be combined with automatic burner control units for intermittent or continuous operation, flame detectors, field bus interfaces or impulse systems in accordance with requirements. Directly controllable from process computer systems. With own power supply.

Ignition transformers

High-voltage spark ignition of gas or oil burners.

Automatic burner control units

For monitoring and control of gas burners. For intermittent or continuous operation. With ionisation or UV control. Multi-flame control possible.

Burner control units

For controlling, igniting and monitoring impulse-controlled, modulating or continuously controlled gas burners. For intermittent or continuous operation.

Heating controllers

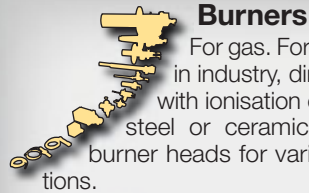
Weather-dependent or indoor-temperature-dependent heating control with analogue or digital timer. Versions for mixer control and/or burner control with hot-water temperature control and cascade control.

Differential temperature controller

For solar and buffer storage installations.

Outdoor sensor, boiler sensor, storage tank sensor, collector sensor, remote telephone switch.

Servo motors and three and four-way mixers



Burners

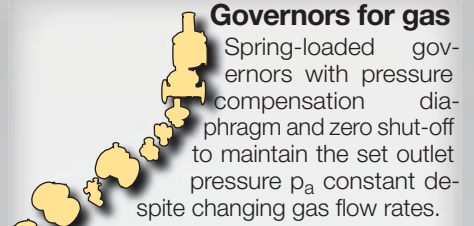
For gas. For applications in industry, directly ignited, with ionisation control. With steel or ceramic tubes and burner heads for various applications.

Pilot burners

For atmospheric or thermo-electric ignition of gas burners.

UV sensors

For monitoring gas burners in conjunction with flame detectors and automatic burner control units.



Governors for gas

Spring-loaded governors with pressure compensation diaphragm and zero shut-off to maintain the set outlet pressure p_a constant despite changing gas flow rates.

Air/gas ratio controls

To maintain a constant gas/air ratio of 1:1.

Governors for air

Air/gas ratio controls

With special diaphragms for air operation.

Safety-shut off valves

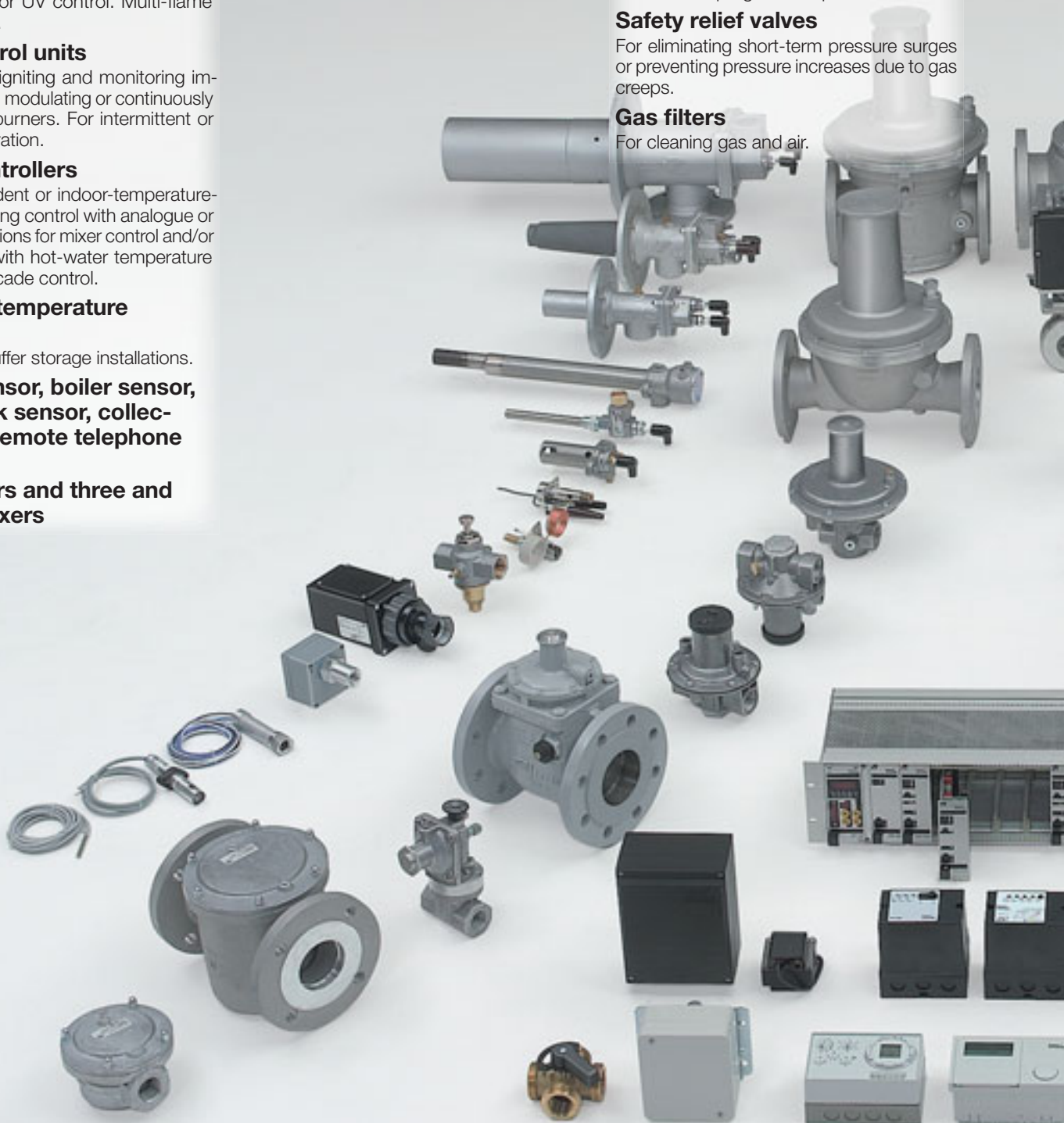
For securing all downstream fittings against excess gas pressure. With safety device, therefore no purge line required.

Safety relief valves

For eliminating short-term pressure surges or preventing pressure increases due to gas creeps.

Gas filters

For cleaning gas and air.



Motorised valves

For automatic shut-off, for gas and air, class A to EN 161.

Butterfly valves

For continuous control of a gas flow rate, with manual adjustment or for mounting a gear motor, for gas and air.

Solenoid-operated butterfly valves for air

With solenoid actuator for continuous control in cold or hot-air operating mode up to 550 °C.

Solenoid valves

For automatic shut-off, for gas and air, class A to EN 161.

Pressure switches for gas

Pressure switches for air

As special-design pressure switches as defined by VdTUV Code of Practice "Druck 100/1" (Pressure 100/1) they are suitable for applications in firing installations for steam and hot-water generators in accordance with TRD 604, Para. 3/64.

Control valves

For control of continuously controlled burner processes.

MODULINE gas control and safety line

Compact gas control systems from a variety of matching modular components. Any number of possible combinations for operations of various types.

Combination controls CG

Compact gas control systems with strainer or filter, two safety valves, with or without pressure switch for inlet pressure monitoring, for safeguarding and control of atmospheric forced draught burners and draught-assisted boilers.

Tightness controls

For attachment to CG combination controls or MODULINE solenoid valves.

Flow meters

For metering gas where no calibration is required.

Stainless steel bellows units and flexible tubes

For stress-free pipe installation and to prevent transmission of vibration. For gas, air and water.

Pressure gauges

For pressure display. For gas and air.

Manual valves

For manual shut-off. For gas.



Kromschröder produces top-quality products for safeguarding and control of gases, for the automation of industrial furnaces and kilns and the control of heat treatment processes.

Furnace and systems manufacturers in the steel/iron, aluminium, ceramics, glass and chemicals industries value the high quality of our products and the technically competent consultancy, planning and service provided by our trained staff.

For the heating market, Kromschröder supplies products and system solutions ensuring the safeguarding and control of gases and the automation of heating systems.

Kromschröder can call on an effective distribution network extending all over the world. This guarantees that the right products for the right technologies can be put into use at the right time and at the right place.

You can obtain comprehensive details of the company, our products and the services we provide from your contact partner or on the Internet:

www.kromschroeder.de

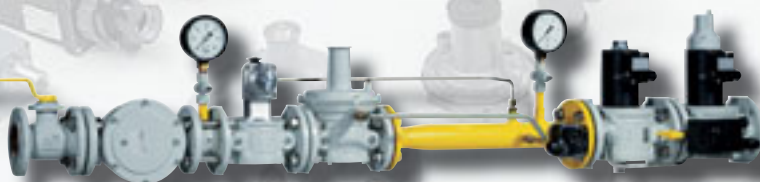
**Talk to us.
We stock the full range.**



Switch cabinet



Burner line



Gas safety and control line

Contact

We reserve the right to make technical modifications in the interests of progress.

Kromschröder uses environment-friendly design and production methods. Corporate environmental achievements are presented in our environment report.