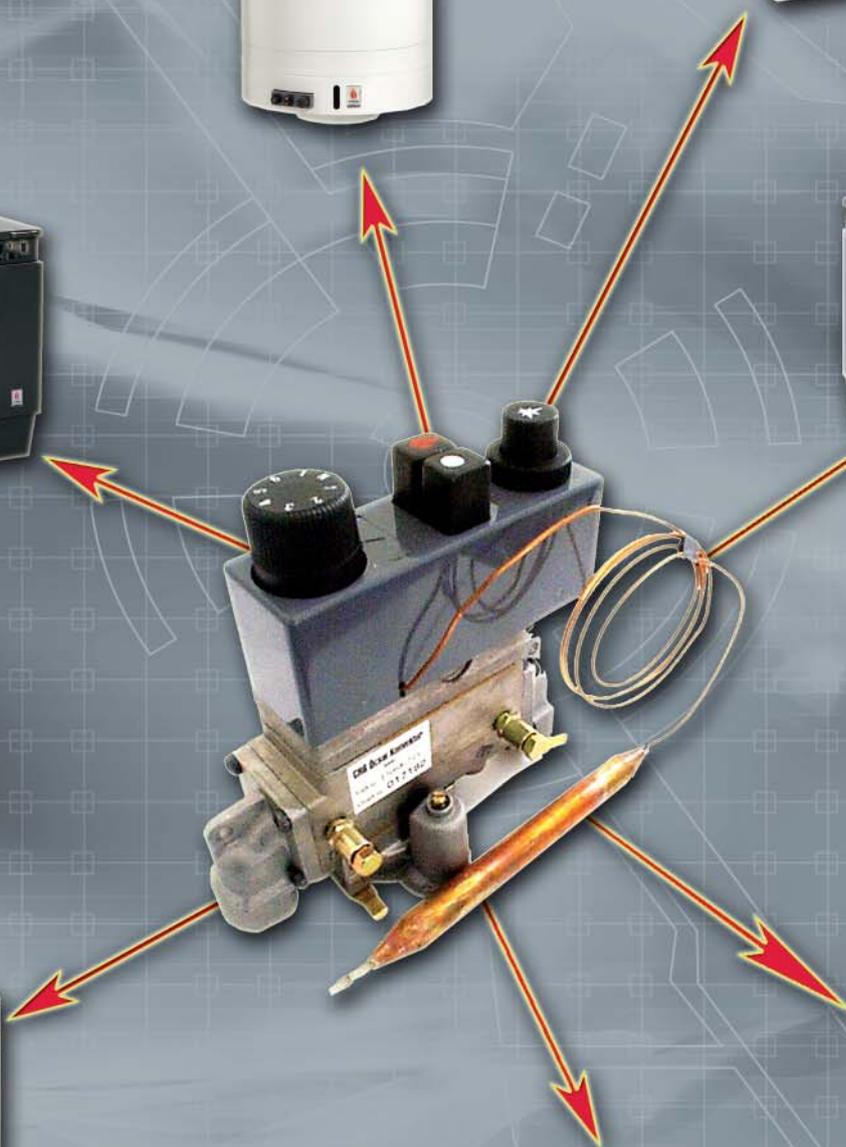
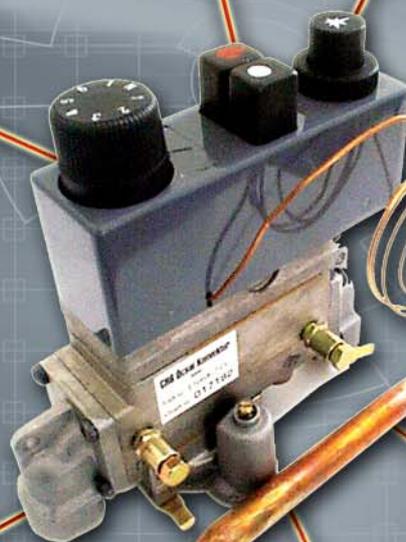


# The reliable heat

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# The reliable heat



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## CRH6 SELF ENERGIZED GAS CONTROL

To gas fired room heaters, fireplaces,  
storage water heaters and boilers.



The CRH 6 Self Energized Gas Control Valve is a multi-functional control incorporating an ON-OFF valve, a thermoelectric flame supervision device, and a mechanical thermostat for room temperature regulation as well as optional – a pressure governor and a piezo igniter with ignition interlock. Max. and min. gas rate are adjustable.

### Accessories:

- Lead indicator to signalling the presence of the pilot flame. It helps to follow the lighting process. It is useful at those gas appliances where it is hard to see the pilot flame.
- Plug in connections: to TTB connections, to overheat thermostats, to pilot flame signalling.
- Olives, flare nuts and other parts to connect gas tubes, electric cables to the gas control

### Applications:

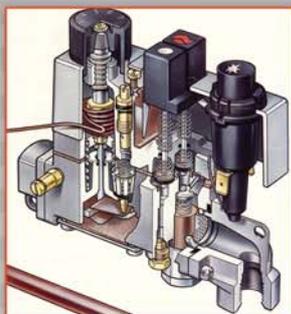
Gas burner, gas appliances and similar use, e.g. room heaters, storage water heaters, catering equipment.

### Starting:

Fully depress ON-button to its limit and by keeping it depressed, light the pilot flame by depress the button of the piezo igniter, keep ON-button depressed approximately another 10 seconds, then release the ON-button. If the pilot stays alight the main gas valve will be either open or closed towards the burner, depending on the temperature sensed by the room thermostat.

### Switch off:

Depress OFF-button until stop position (button remains depressed).

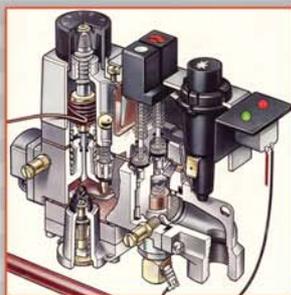


### Ignition interlocks:

All types with piezo igniter incorporate an ignition interlock, which guarantees that it is only possible to light the pilot burner if the main gas valve is completely shut off.

### Special version for storage water heaters:

The principal difference from the standard version is that the CRH 6 gas valve used for storage water heaters applications includes an ON-OFF regulation, a thermostat with temperature range 40-75°C (104-167°F). Accessorie overheat thermostat (95°C) is placed in line with the thermostat sensor and connected to the thermoelectric circuit (plug-in connection).



### Technical Data

Suitable for gas families	1, 2 and 3
Mounting position	any
Maximum gas inlet pressure	65 mbar
Setting area of pressure governor at inlet pressure 18 mbar	8-15,5 mbar
Weight	700 g
Max. ambient temperatures at control	80°C
Max. temperatures at sensor	35°C
in case of water heater	100°C
Temperature setting range	10-33°C
in case of water heater	40-75°C
in case of water boiler	55-90°C
Max. setting deviation	0,5°C
in case of water heater	< 5°C
Connecting thread for thermocouple	M10x1
Pilot gas connection (tube diameter)	4 mm
Max. thermoelectric current	1 A
Twisting torque of thermocouple	max. 3 Nm
Twisting torque of gas tube	max. 25 Nm
Pressure governor Class:	B
Mechanica strength	group 2
Connection size (flange straight or angle)	Rp 3/8"

Fég Konvektor Rt. is a certified to the quality standard ISO 9001-Det Norske Veritas  
Quality and production are certified by GASTEC