



**Innovative Solutions for Gas Technology**



### **Air/Gas Ratio Regulators**

- // Maintains constant gas/air ratio to optimize combustion
- // Internal low fire by-pass available
- // Wide regulating range
- // Inlet pressures up to 3 psig
- // Outlet pressures up to 48 inch WC
- // For continuous, high/low, and pre-heated air applications

### **Solenoid Valves for Gas**

- // For natural gas, LPG, and air applications
- // Valve types include solenoid operated shutoff valves
- // Closed Position Indicator, Visual Indicator and Overtravel Switch options available
- // Sizes from 1/8 inch to 4 inches
- // AC power supply - DC coil systems



### **Pressure Reducing Regulators**

- // Low and medium pressure regulators
- // High regulating precision with various types of gaseous media
- // Inlet pressure up to 60 psig
- // Springs available for outlet pressure adjustments
- // Outlet pressure adjustment up to 100 inch WC
- // Sizes from 1/2 inch to 4 inches
- // Outlet pressure cut off

### **Control valves for Air**

- // Ideal for setting flow rates of air
- // Low leakage rates and pressure losses
- // Some models available with position indicator

### **Motors**

- // Actuated via three step, continuous, or two-point signal
- // Infinitely adjustable switching cams standard for precise setting





## Burner Controls - Safeguards, Detectors, Sensors

- // Unites functionally interrelated components such as ignition transformer, gas solenoid valve, and flame supervision device
- // Flame detection with flame rod or UV detector
- // Options for restart or immediate fault lock-out following flame failure

## Ignition Transformers

- // For ignition of gas burners
- // Compact dimensions for cabinet or wall mounting
- // Ignition and burner monitoring with common electrode



## Pressure Switches for Gas and Air

- // Available for sensing gas pressure or air pressure
- // Sensing range of 0.2 inch WC to 7 psi for gas
- // Sensing range of 0.08 inch WC to 20 inch WC for air

## Valve Proving Controls

- // Checks both shut-off valves for leakage
- // Prevents burner from starting if leak is detected
  - // Testing before or after burner run
  - // Separate pressure switch not required
- // Extremely safe due to self-monitoring electronics





### **Ball Valves, Filters, Orifice Assembly, Pressure Gages**

- // Ball valves with maximum operating pressures to 60 psi
- // Filters with maximum inlet pressures from 15 psi to 60 psi for gas and air
- // Orifice plate assemblies allow precise flow of natural gas and air
- // Pressure gage assemblies with push to test cock

### **Turbine Meters**

- // For measurement of flow and volume (to 35000 CFH)
- // Analog or LCD display head
- // Turndown range up to 20:1
- // Compact design with universal mounting position



### **World Class Manufacturing**

Kromschroder is one of the leading combustion and control manufacturers in the world. Kromschroder designs and manufactures combustion components for all types of heating processes used to manufacture products utilized in our daily lives.

For more information about our products, capabilities, and services please contact us directly.

**Kromschroder –  
Building today ... with tomorrow in  
mind!**