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Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 When do you need a quote? \_\_\_\_\_  
 When do you need the equipment on site? \_\_\_\_\_  
 When will you place the order? \_\_\_\_\_

# Combustion System Valves

## Application Datasheet

Inquiry Type     New Valve     Replacement  
 Old Valve Serial # \_\_\_\_\_

### Process Data

Application     Normally closed for shut off  
                    Normally open for venting

Fuel Type       Natural gas  
                    LPG vapor  
                    Light oil (Less than 8 cst, specific gravity 0.876)  
                    Heavy oil (Greater than 20 cst, specific gravity 0.887)

Preheated Fuel?    No    Yes   Fuel Temp \_\_\_\_\_    °C    °F

Analysis Req'd     Coal Gas     Other \_\_\_\_\_

Pressure to Valve Inlet \_\_\_\_\_

Fuel Flow Rate \_\_\_\_\_

Allowable Pressure Drop \_\_\_\_\_

### Valve Electrical Specifications

Solenoid         115V 50 Hz     115V 60 Hz  
                            220V 50 Hz     Other: \_\_\_\_\_

Motor             115V 50 Hz     115V 60 Hz  
                            220V 50 Hz     Other: \_\_\_\_\_

Signal Switches    VOS-1         VOS-2  
                            VCS-1         VCS-2

### Special Instructions/Notes

List any other requirements (hazardous duty, special voltages, etc.):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Valve Mechanical Specifications

Size and Quantity Needed

0.375"	0.5"	0.75"	1"	1.25"	1.5"
2"	2.5"	3"	4"	6"	8"

Valve Body       Cast iron (standard)

Material         Cast steel  
                    Stainless steel

Connection      Threaded \_\_\_\_\_     ANSI-std    DIN  
 Type             Flanged \_\_\_\_\_     ANSI    DIN  
                   Pressure Rating: \_\_\_\_\_  
                    Other Conn.: \_\_\_\_\_

Operating       Electromechanical (standard)     Pneumatic  
 Mechanism     Manual  
                    Automatic Reset (standard)     Manual reset

Opening Time    6 seconds (std)  
 Required         2.5 seconds     14 seconds

Sketch of Installation

