





OVENPAK® 400

FEATURES AND BENEFITS

- Burns any clean fuel gas for added flexibility
- Requires only low pressure gas
- Clean combustion with low NOx
- Compact burner design allows for quick and easy installation
- Simple field adjustment and maintenance

Design / Application Summary

OVENPAK® Burner Model >		405	408	415	425	435
Totally Enclosed Blower Motor	Horsepower	1/3			3/4	
	Frame Number	48			56	
Maximum Capacity (Btu/hr)		500,000	800,000	1,500,000	2,500,000	3,500,000
Minimum Capacity (Btu/hr) main plus pilot		15,000	20,000	37,000	60,000	87,000
Minimum natural gas pressure required at pipe train inlet		6" wc		10" wc	9" wc	14" wc
Inlet pipe train size NPT		1.25"			1.5"	
Approximate overall envelope dimensions		42" long x 40" high x 24" wide				



OVENPAK® 500

FEATURES AND BENEFITS

- Burns clean fuel gases, light oils, or both simultaneously
- Provides stand-by or alternate fuel capabilities
- Gas-only version converts easily to combination fuel firing
- Low horsepower requirements reduce initial and operating costs
- Uses compressed air for oil atomization
- Clean combustion with low NOx levels
- Compact design for easy installation and maintenance

Design / Application Summary

Burner Model Number		508-SP	515-SP	525-SP	535-SP	550-SP
Motor Horsepower and Frame Number		3/4 HP FR #56	3/4 HP FR #56	1-1/2 HP FR #56	1-1/2 HP FR #143T	3 HP FR #182T
Maximum capacity	1000's Btu/hr	800	1500	2500	3500	5000
Fuel flow volumes	Cubic feet per hour natural gas	800	1500	2500	3500	5000
	Gallons per hour #2 fuel oil	5.7	11	18	25	36
Minimum capacity (1000's Btu/hr) with compressed air off	Natural gas pilot (only)	18	38	40	50	70
	Natural gas main (only)	40	75	100	175	250
Minimum capacity (1000's Btu/hr) with compressed air on	Natural gas pilot (only)	72	114	125	200	250
	#2 fuel oil (only)	224	280	224	238	406
	Gallons per hour	1.6	2.0	1.6	1.7	2.9
Compressed air required (for oil firing only)	Pressure (PSIG)	60	60	60	60	60
	Volume (SCFM)	5.2	7.8	8.0	8.0	12.6
Differential natural gas pressure required ("w.c.)	At burner inlet	2.4	6.2	3.1	4.9	3.8
	At burner test connection	2.0	3.0	2.4	3.8	3.0



Series 760

Features:

- Normally closed
- Electrically actuated
- Swinging gate body
- For shut-off service
- For liquid and non- For liquid and noncombustible gas service

Specifications:

Product Category: Industrial Valves

Valve Type : Metal Seated; Solenoid; Shut Off

Primary Material: Steel

Media : Gas; Natural Gas; Air; Compressed Air

Valve Size: 1.00 to 2.00 inch (25.40 to 50.80 mm)

Maximum Pressure: 600.00 psi (422 m H2O)

Number of Ports: 2

Media Temperature : -20 to 250 F (-29 to 121 C)

Flow (Cv) : 12.00 to 218.00

Actuation : Electric

Connection Description : Threaded (optional feature); BoltFlange (optional feature)



Series 5000

Features:

- Normally open
- Electrically actuated
- Rising stem body
- For vent and by-pass service

Specifications:

- 3/4" to 6" line sizes; Line pressures up to 125 PSIG
- Visual position indication standard
- Normally open and normally closed models available
- Overtravel position switches for open and closed position
- Hazardous location valves approved for non-incendive Class 1, Div 2 areas
- Electrically actuated valves with powerful closing spring provide closure in less than one second
- Designed to meet Fluid Control Institute (FCI) 70-2 control valve standard for Class VI seat leakage
- FM, CSA, UL, and CE approved; Full assessment to IEC 61508 as SIL 3 capable