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Valve sizing charts

Approximate pressure drops for various valve sizes and flows may be determined by using this graph.

Typically, pressure drop for fuel flows should not exceed 10% of inlet pressure.

Select valve size on basis of the lower of these parameters to avoid critical flow conditions.



Natural Gas at 5 inches w.c. Inlet Pressure

W W W . M A X O N C O R P . C O M



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Approximate pressure drops for various valve sizes and flows may be determined by using this graph. Typically, pressure drop for fuel flows should not exceed 10% of inlet pressure. Select valve size on basis of the lower of these parameters to avoid critical flow conditions.



Natural Gas at 1 psig Inlet Pressure



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Approximate pressure drops for various valve sizes and flows may be determined by using this graph.

Typically, pressure drop for fuel flows should not exceed 10% of inlet pressure; however, for 2" and smalller valves, the drop should not exceed 5 psig, and for 2-1/2" and larger size valves, must not exceed 2.5 psig.

Select valve size on basis of the lower of these parameters to avoid critical flow conditions.



Natural Gas at 5 psig Inlet Pressure

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