

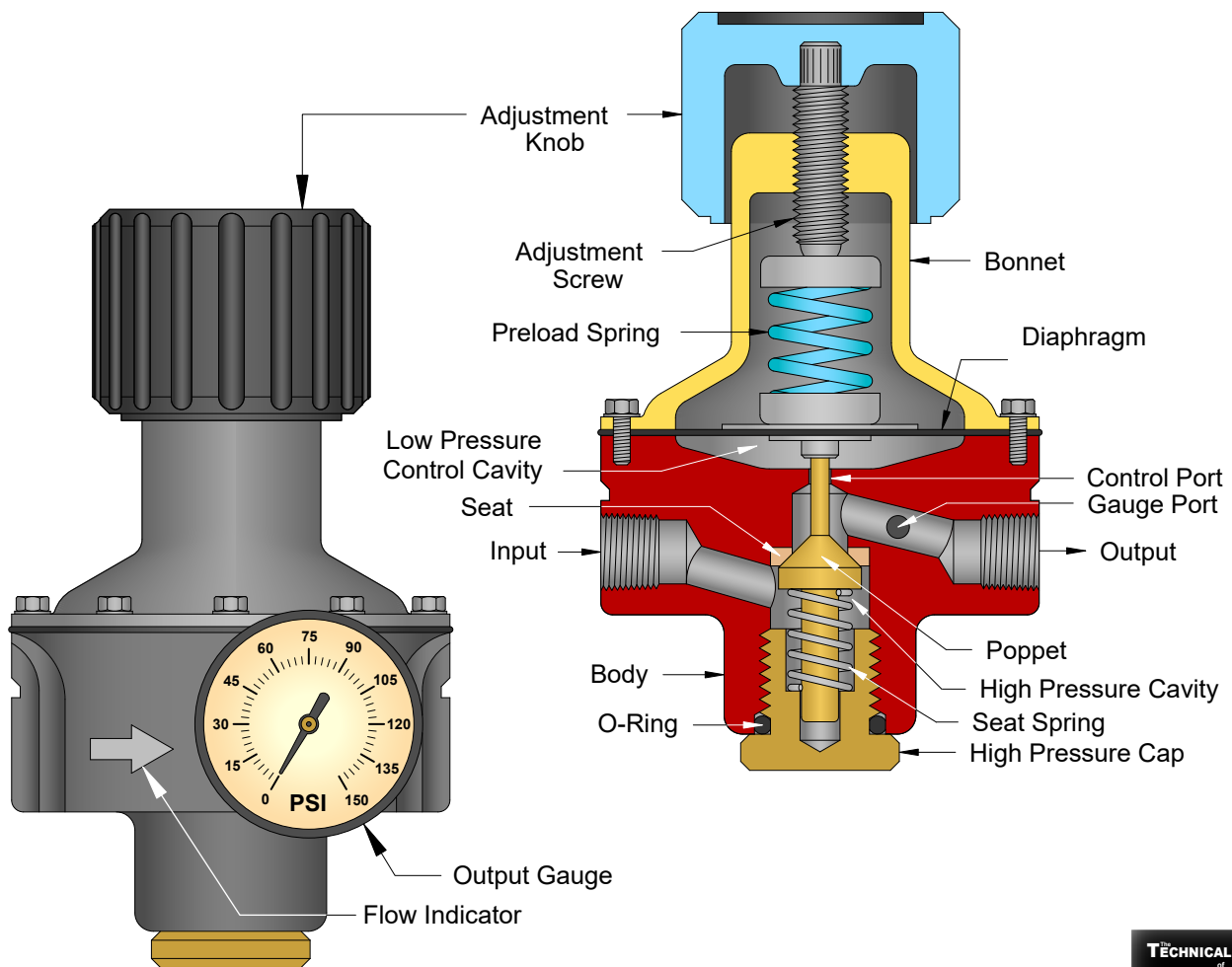
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Pressure Regulators

by Brian S. Elliott

Pressure regulators, also known as pressure reducing valves, have two primary functions. First, they are used to reduce the line pressure to a level that is appropriate for any given application. Second, they are utilized to regulate the air from a varying compressed air source. A perfect example of these two functions is when the output of a two-stage compressor is equipped with a master regulator. The unusually high pressure of these compressors can be brought down to a level that is appropriate for the facility that is being supplied. Additionally, the wide pressure swings that are typical of two-stage compressors can be brought under control, providing the facility with very consistent air pressure.



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