

Technical Information Required To Quote Pressure Regulators (pressure reducing, back pressure, differential pressure regulators)

1) What is the application ?

(pressure reducing, back pressure regulating, or differential pressure regulator)

- a) **Pressure Reducing:** reduces inlet pressure to a requested set point in psi
- b) **Back Pressure:** maintains a constant back pressure if inlet pressure changes
- c) **Differential Pressure:** maintains a constant differential pressure across the regulator.

2) What is the process media (**liquid, gas, or steam**) ?

3) What is the inlet pressure (commonly called “P1”) ?

4) What is the outlet pressure (commonly called “P2”)?

5) What is the process temperature condition?

6) What material of construction (what it is made of) does the Customer want for the body, diaphragm and spring chamber ?

7) What is the flow rate required (**SCFM; SCFH; GPM; GPH**) ?

8) What is the end connection requirement (threaded or flanged, etc.)?