

Sizing an Instrumentation Pressure Regulator

Go Regulator Calculation Tool

This calculation tool can allow you to correctly selected the required flow coefficient (Cv) value for your pressure reducing or back pressure regulator. The tool will utilise your process data to calculate the Cv flow so that you can achieve your required flow rate. Operating parameters you will need to have on hand are as follows:

- ✓ Inlet/Supply Pressure (in PSIA)
- ✓ Outlet/Control Pressure (in PSIA)
- ✓ Flow Rate (Maximum in SCFM)
- ✓ Media (Specific Gravity relative to air at 60°F)
- ✓ Temperature (in °F)

From entering these required values the calculation tool will produce a Cv value (that must be doubled as a safety factor) for your regulator.

The calculation software can also do the reverse of this – allowing you to use a pre-selected Cv value to calculate your maximum possible flow rate.

Click on the below link to start
calculating now:

<http://www.goreg.com/technical/>



