

Pressure Drop Definitions & Requirements for Calculating Pressure Drop

Gas Flow

STEAM

1. Absolute Inlet Temperature ($^{\circ}\text{F}$)
2. Absolute Inlet Pressure (psia)
3. Degrees of Super Heat ($^{\circ}\text{F}$)
4. Mass Flow Rate(lb/hr)
5. Viscosity @ Inlet (cSt)

OTHER GASES

1. Name of Gas
2. Specific gravity of Gas
3. Absolute Inlet Temperature($^{\circ}\text{R}$)
4. Absolute Inlet Pressure (psia)
5. Volumetric Flow Rate(SCFM)
6. Viscosity @ Inlet (cSt)

OR

1. Name of Gas
2. Density of Gas(Lb/ft³)
3. Mass Flow Rate(lb/hr)
4. Viscosity @ Inlet (cSt)

FILTER INFORMATION

Size of Perf
Size of Mesh