

Physical Constants Examples

FlexSelect Control Valve Sizing

These values are guidelines only:

Gas	Molecular Weight	Specific Heat Ratio
Air	29	1.4
Carbon Dioxide	44	1.28
Chlorine	70.9	1.33
Hydrogen	2	1.41
Methane (Natural Gas)	19	1.32
Steam	18	1.28

Liquid	Liquid Specific Gravity	Vapor Pressure at Ambient Temperature (psia)
Carbon Dioxide	0.801	854
Methane	0.3	5000
Propane	0.51	190
Water	1	0.95