

## DATA

### Properties of Propane:

Chemical Formula	C3H8
BTU per Gallon (Vaporized)	91,690
BTU per Pound	21,591
Weight per Liquid Gallon	4.23
Vaporization Temperature	-44°F
Specific Gravity - Vapor (Air=1)	1.53
Specific Gravity - Liquid (Water=1)	0.51
Vaporization Rate (Liquid to Vapor)	272:1

### Combustion Data :

Limits of Flammability, %of gas in air	2.3% to 9.5%
Air required to burn 1 Cu Ft Vapor	23.5 Cu Ft
Oxygen required to burn 1 Cu Ft Vapor	4.9 Cu Ft
Ignition Temperature	920-1029°F
Optimum Flame Temperature	3500°F
Vapor Pressure at 0°F	28 PSI
Vapor Pressure at 70° F	122 PSI
Vapor Pressure at 100° F	190 PSI