

Comparative Thermal Values

| Energy Conversion Factors | | | | | | | |
|---------------------------------------|--|----------------|--------------------|-------------------|-------------------|-------------------|----------------------|
| 1 BTU | = Energy required to raise the temperature of one pound of water 1 Degree Fahrenheit | | | | | | |
| 1 Cu Ft (Cubic Foot) | = Approximately 1,000 Btu | | | | | | |
| 1 MCF | = 1,000 Cu Ft | | | | | | |
| 1 MCF | = Approximately 1 Dth (Decatherm) = 10 Therm | | | | | | |
| 1 Therm | = 100,000 Btu | | | | | | |
| 1 Decatherm (Dth) | = 1,000,000 Btu | | | | | | |
| Comparative Thermal Values | 1 Million Btu | 24 Million Btu | 0.0916 Million Btu | 0.120 Million Btu | 0.139 Million Btu | 0.150 Million Btu | 0.003412 Million Btu |
| Natural Gas 1,000 Btu/Cu Ft | 1,000 Cu Ft | 24,000 Cu Ft | 91.60 Cu Ft | 120 Cu Ft | 139 Cu Ft | 150 Cu Ft | 3.4120 Cu Ft |
| Coal 12,000 Btu/Lb | 83.333 Lb | 2,000 Lb | 7.633 Lb | 10 Lb | 11.583 Lb | 12.500 Lb | 0.2843 Lb |
| Propane 91,600 Btu/Gal | 10.917 Gal | 262.009 Gal | 1 Gal | 1.310 Gal | 1.517 Gal | 1.638 Gal | 0.0372 Gal |
| Gasoline 120,000 Btu/Gal | 8.333 Gal | 200 Gal | 0.763 Gal | 1 Gal | 1.158 Gal | 1.250 Gal | 0.0284 Gal |
| Fuel Oil #2 139,000 Btu/Gal | 7.194 Gal | 172.662 Gal | 0.659 Gal | 0.863 Gal | 1 Gal | 1.079 Gal | 0.0245 Gal |
| Fuel Oil #6 150,000 Btu/Gal | 6.667 Gal | 160 Gal | 0.611 Gal | 0.800 Gal | 0.927 Gal | 1 Gal | 0.0227 Gal |
| Electricity 3,412 Btu/Kwh | 293.083 Kwh | 7,033.998 Kwh | 26.846 Kwh | 35.170 Kwh | 40.739 Kwh | 43.962 Kwh | 1 Kwh |