


| Physical Properties of Refrigerants | R-410A |
|--|--------|
| Environmental Classification | HFC |
| Molecular Weight | 72.6 |
| Boiling Point (1atm, °F) | -61 |
| Critical Pressure (psia) | 691.8 |
| Critical Temperature (°F) | 158.3 |
| Critical Density(lb./ft ³) | 34.5 |
| Liquid Density (20 °F,lb./ft ³) | 67.74 |
| Vapor Density (bp,lb./ft ³) | 0.261 |
| Heat of Vaporization(bp,BTU/lb.) | 116.8 |
| Specific Head Liquid(20 °F, BTU/lb. °F) | 0.3948 |
| Specific Head Vapor (1atm, 20 °F,BTU/lb. °F) | 0.1953 |
| Ozone Depletion Potential (CFC 11 -1.0) | 0 |
| Global Warming Potential (CO ₂ = 1.0) | 2088 |
| ASHRAE Standard 34 Safety Rating | A1 |

Pressure- Temp
Chart

| Temp °F | R-410A psig |
|---------|-------------|
| -40 | 11.6 |
| -35 | 14.9 |
| -30 | 18.5 |
| -25 | 22.5 |
| -20 | 26.9 |
| -15 | 31.7 |
| -10 | 36.8 |
| -5 | 42.5 |
| 0 | 48.6 |
| 5 | 55.2 |
| 10 | 62.3 |
| 15 | 70 |
| 20 | 78.3 |
| 25 | 87.3 |
| 30 | 96.8 |
| 35 | 107 |
| 40 | 118 |
| 45 | 130 |
| 50 | 142 |
| 55 | 155 |
| 60 | 170 |
| 65 | 185 |
| 70 | 201 |
| 75 | 217 |
| 80 | 235 |
| 85 | 254 |
| 90 | 274 |
| 95 | 295 |
| 100 | 317 |
| 105 | 340 |
| 110 | 365 |
| 115 | 391 |
| 120 | 418 |
| 125 | 446 |
| 130 | 476 |
| 135 | 507 |
| 140 | 539 |
| 145 | 573 |
| 150 | 608 |

R-410A

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov


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