

Saturation Pressure-Temperature Data for R-22 (psig)*

| Temp. (°F) | Pressure (psig) | Temp. (°C) | Temp. (°F) | Pressure (psig) | Temp. (°C) | Temp. (°F) | Pressure (psig) | Temp. (°C) | Temp. (°F) | Pressure (psig) | Temp. (°C) |
|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|
| -49 | <i>5.4</i> | -45.0 | 1 | 24.9 | -17.2 | 51 | 85.7 | 10.6 | 101 | 198.8 | 38.3 |
| -48 | <i>4.8</i> | -44.4 | 2 | 25.7 | -16.7 | 52 | 87.4 | 11.1 | 102 | 201.8 | 38.9 |
| -47 | <i>4.1</i> | -43.9 | 3 | 26.5 | -16.1 | 53 | 89.1 | 11.7 | 103 | 204.7 | 39.4 |
| -46 | <i>3.4</i> | -43.3 | 4 | 27.4 | -15.6 | 54 | 90.8 | 12.2 | 104 | 207.7 | 40.0 |
| -45 | <i>2.7</i> | -42.8 | 5 | 28.3 | -15.0 | 55 | 92.6 | 12.8 | 105 | 210.8 | 40.6 |
| -44 | <i>1.9</i> | -42.2 | 6 | 29.2 | -14.4 | 56 | 94.4 | 13.3 | 106 | 213.8 | 41.1 |
| -43 | <i>1.2</i> | -41.7 | 7 | 30.1 | -13.9 | 57 | 96.1 | 13.9 | 107 | 216.9 | 41.7 |
| -42 | <i>0.4</i> | -41.1 | 8 | 31.0 | -13.3 | 58 | 98.0 | 14.4 | 108 | 220.0 | 42.2 |
| -41 | 0.2 | -40.6 | 9 | 31.9 | -12.8 | 59 | 99.8 | 15.0 | 109 | 223.2 | 42.8 |
| -40 | 0.6 | -40.0 | 10 | 32.8 | -12.2 | 60 | 101.6 | 15.6 | 110 | 226.4 | 43.3 |
| -39 | 1.0 | -39.4 | 11 | 33.8 | -11.7 | 61 | 103.5 | 16.1 | 111 | 229.6 | 43.9 |
| -38 | 1.4 | -38.9 | 12 | 34.8 | -11.1 | 62 | 105.4 | 16.7 | 112 | 232.8 | 44.4 |
| -37 | 1.8 | -38.3 | 13 | 35.8 | -10.6 | 63 | 107.3 | 17.2 | 113 | 236.1 | 45.0 |
| -36 | 2.2 | -37.8 | 14 | 36.8 | -10.0 | 64 | 109.3 | 17.8 | 114 | 239.4 | 45.6 |
| -35 | 2.6 | -37.2 | 15 | 37.8 | -9.4 | 65 | 111.3 | 18.3 | 115 | 242.8 | 46.1 |
| -34 | 3.1 | -36.7 | 16 | 38.8 | -8.9 | 66 | 113.2 | 18.9 | 116 | 246.1 | 46.7 |
| -33 | 3.5 | -36.1 | 17 | 39.9 | -8.3 | 67 | 115.3 | 19.4 | 117 | 249.5 | 47.2 |
| -32 | 4.0 | -35.6 | 18 | 40.9 | -7.8 | 68 | 117.3 | 20.0 | 118 | 253.0 | 47.8 |
| -31 | 4.5 | -35.0 | 19 | 42.0 | -7.2 | 69 | 119.4 | 20.6 | 119 | 256.5 | 48.3 |
| -30 | 4.9 | -34.4 | 20 | 43.1 | -6.7 | 70 | 121.4 | 21.1 | 120 | 260.0 | 48.9 |
| -29 | 5.4 | -33.9 | 21 | 44.2 | -6.1 | 71 | 123.6 | 21.7 | 121 | 263.5 | 49.4 |
| -28 | 5.9 | -33.3 | 22 | 45.3 | -5.6 | 72 | 125.7 | 22.2 | 122 | 267.1 | 50.0 |
| -27 | 6.4 | -32.8 | 23 | 46.5 | -5.0 | 73 | 127.8 | 22.8 | 123 | 270.7 | 50.6 |
| -26 | 6.9 | -32.2 | 24 | 47.6 | -4.4 | 74 | 130.0 | 23.3 | 124 | 274.3 | 51.1 |
| -25 | 7.4 | -31.7 | 25 | 48.8 | -3.9 | 75 | 132.2 | 23.9 | 125 | 278.0 | 51.7 |
| -24 | 8.0 | -31.1 | 26 | 50.0 | -3.3 | 76 | 134.5 | 24.4 | 126 | 281.7 | 52.2 |
| -23 | 8.5 | -30.6 | 27 | 51.2 | -2.8 | 77 | 136.7 | 25.0 | 127 | 285.4 | 52.8 |
| -22 | 9.1 | -30.0 | 28 | 52.4 | -2.2 | 78 | 139.0 | 25.6 | 128 | 289.2 | 53.3 |
| -21 | 9.6 | -29.4 | 29 | 53.7 | -1.7 | 79 | 141.3 | 26.1 | 129 | 293.0 | 53.9 |
| -20 | 10.2 | -28.9 | 30 | 55.0 | -1.1 | 80 | 143.6 | 26.7 | 130 | 296.9 | 54.4 |
| -19 | 10.8 | -28.3 | 31 | 56.2 | -0.6 | 81 | 146.0 | 27.2 | 131 | 300.8 | 55.0 |
| -18 | 11.4 | -27.8 | 32 | 57.5 | 0.0 | 82 | 148.4 | 27.8 | 132 | 304.7 | 55.6 |
| -17 | 12.0 | -27.2 | 33 | 58.8 | 0.6 | 83 | 150.8 | 28.3 | 133 | 308.7 | 56.1 |
| -16 | 12.6 | -26.7 | 34 | 60.2 | 1.1 | 84 | 153.2 | 28.9 | 134 | 312.6 | 56.7 |
| -15 | 13.2 | -26.1 | 35 | 61.5 | 1.7 | 85 | 155.7 | 29.4 | 135 | 316.7 | 57.2 |
| -14 | 13.9 | -25.6 | 36 | 62.9 | 2.2 | 86 | 158.2 | 30.0 | 136 | 320.7 | 57.8 |
| -13 | 14.5 | -25.0 | 37 | 64.3 | 2.8 | 87 | 160.7 | 30.6 | 137 | 324.8 | 58.3 |
| -12 | 15.2 | -24.4 | 38 | 65.7 | 3.3 | 88 | 163.2 | 31.1 | 138 | 329.0 | 58.9 |
| -11 | 15.9 | -23.9 | 39 | 67.1 | 3.9 | 89 | 165.8 | 31.7 | 139 | 333.2 | 59.4 |
| -10 | 16.5 | -23.3 | 40 | 68.6 | 4.4 | 90 | 168.4 | 32.2 | 140 | 337.4 | 60.0 |
| -9 | 17.2 | -22.8 | 41 | 70.0 | 5.0 | 91 | 171.0 | 32.8 | 141 | 341.6 | 60.6 |
| -8 | 17.9 | -22.2 | 42 | 71.5 | 5.6 | 92 | 173.7 | 33.3 | 142 | 345.9 | 61.1 |
| -7 | 18.7 | -21.7 | 43 | 73.0 | 6.1 | 93 | 176.4 | 33.9 | 143 | 350.3 | 61.7 |
| -6 | 19.4 | -21.1 | 44 | 74.5 | 6.7 | 94 | 179.1 | 34.4 | 144 | 354.6 | 62.2 |
| -5 | 20.1 | -20.6 | 45 | 76.1 | 7.2 | 95 | 181.8 | 35.0 | 145 | 359.0 | 62.8 |
| -4 | 20.9 | -20.0 | 46 | 77.6 | 7.8 | 96 | 184.6 | 35.6 | 146 | 363.5 | 63.3 |
| -3 | 21.7 | -19.4 | 47 | 79.2 | 8.3 | 97 | 187.4 | 36.1 | 147 | 368.0 | 63.9 |
| -2 | 22.4 | -18.9 | 48 | 80.8 | 8.9 | 98 | 190.2 | 36.7 | 148 | 372.5 | 64.4 |
| -1 | 23.2 | -18.3 | 49 | 82.4 | 9.4 | 99 | 193.0 | 37.2 | 149 | 377.1 | 65.0 |
| 0 | 24.0 | -17.8 | 50 | 84.1 | 10.0 | 100 | 195.9 | 37.8 | 150 | 381.7 | 65.6 |

**Red Italics Indicate Inches of Mercury Below Atmospheric Pressure*

This data was generated using the NIST REFPROP Database

(Lemmon, E.W., Huber, M.L., McLinden, M.O. NIST Standard Reference Database 23: Reference Fluid Thermodynamic and Transport

Properties-REFPROP, Version 9.0, National Institute of Standards and Technology, Standard Reference Data Program, Gaithersburg, 2010)