



RS-24 (R426A) PRESSURE & TEMPERATURE TABLE:ABSOLUTE

| TEMPERATURE | BUBBLE PRESSURE (LIQUID) | DEW PRESSURE (VAPOUR) | BUBBLE PRESSURE (LIQUID) | DEW PRESSURE (VAPOUR) | BUBBLE PRESSURE (LIQUID) | DEW PRESSURE (VAPOUR) |
|-------------|--------------------------|-----------------------|--------------------------|-----------------------|--------------------------|-----------------------|
| (oC) | (kPa) | (kPa) | (bara) | (bara) | (psia) | (psia) |
| -50 | 34.30 | 25.90 | 0.34 | 0.26 | 4.97 | 3.76 |
| -48 | 38.30 | 29.20 | 0.38 | 0.29 | 5.55 | 4.23 |
| -46 | 42.70 | 32.80 | 0.43 | 0.33 | 6.19 | 4.76 |
| -44 | 47.50 | 36.80 | 0.48 | 0.37 | 6.89 | 5.34 |
| -42 | 52.80 | 41.20 | 0.53 | 0.41 | 7.66 | 5.97 |
| -40 | 58.50 | 46.00 | 0.59 | 0.46 | 8.48 | 6.67 |
| -38 | 64.70 | 51.20 | 0.65 | 0.51 | 9.38 | 7.42 |
| -36 | 71.30 | 56.80 | 0.71 | 0.57 | 10.34 | 8.24 |
| -34 | 78.60 | 63.00 | 0.79 | 0.63 | 11.40 | 9.14 |
| -32 | 86.40 | 69.70 | 0.86 | 0.70 | 12.53 | 10.11 |
| -30 | 94.80 | 76.90 | 0.95 | 0.77 | 13.75 | 11.15 |
| -28 | 103.90 | 84.70 | 1.04 | 0.85 | 15.07 | 12.28 |
| -26 | 113.60 | 93.20 | 1.14 | 0.93 | 16.47 | 13.51 |
| -24 | 124.00 | 102.30 | 1.24 | 1.02 | 17.98 | 14.83 |
| -22 | 135.20 | 112.00 | 1.35 | 1.12 | 19.60 | 16.24 |
| -20 | 147.20 | 122.50 | 1.47 | 1.23 | 21.34 | 17.76 |
| -18 | 159.90 | 133.80 | 1.60 | 1.34 | 23.19 | 19.40 |
| -16 | 173.50 | 145.80 | 1.74 | 1.46 | 25.16 | 21.14 |
| -14 | 188.00 | 158.70 | 1.88 | 1.59 | 27.26 | 23.01 |
| -12 | 203.50 | 172.40 | 2.04 | 1.72 | 29.51 | 25.00 |
| -10 | 219.80 | 187.10 | 2.20 | 1.87 | 31.87 | 27.13 |
| -8 | 237.20 | 202.70 | 2.37 | 2.03 | 34.39 | 29.39 |
| -6 | 255.70 | 219.30 | 2.56 | 2.19 | 37.08 | 31.80 |
| -4 | 275.20 | 236.90 | 2.75 | 2.37 | 39.90 | 34.35 |
| -2 | 295.80 | 255.60 | 2.96 | 2.56 | 42.89 | 37.06 |
| 0 | 317.60 | 275.40 | 3.18 | 2.75 | 46.05 | 39.93 |
| 2 | 340.70 | 296.40 | 3.41 | 2.96 | 49.40 | 42.98 |
| 4 | 364.90 | 318.60 | 3.65 | 3.19 | 52.91 | 46.20 |
| 6 | 390.50 | 342.10 | 3.91 | 3.42 | 56.62 | 49.60 |
| 8 | 417.50 | 366.80 | 4.18 | 3.67 | 60.54 | 53.19 |
| 10 | 445.80 | 392.90 | 4.46 | 3.93 | 64.64 | 56.97 |
| 12 | 475.50 | 420.40 | 4.76 | 4.20 | 68.95 | 60.96 |
| 14 | 506.80 | 449.40 | 5.07 | 4.49 | 73.49 | 65.16 |
| 16 | 539.50 | 479.80 | 5.40 | 4.80 | 78.23 | 69.57 |
| 18 | 573.90 | 511.80 | 5.74 | 5.12 | 83.22 | 74.21 |
| 20 | 609.80 | 545.40 | 6.10 | 5.45 | 88.42 | 79.08 |
| 22 | 647.50 | 580.70 | 6.48 | 5.81 | 93.89 | 84.20 |
| 24 | 686.80 | 617.60 | 6.87 | 6.18 | 99.59 | 89.55 |
| 26 | 728.00 | 656.30 | 7.28 | 6.56 | 105.56 | 95.16 |
| 28 | 770.90 | 696.80 | 7.71 | 6.97 | 111.78 | 101.04 |
| 30 | 815.80 | 739.20 | 8.16 | 7.39 | 118.29 | 107.18 |
| 32 | 862.50 | 783.50 | 8.63 | 7.84 | 125.06 | 113.61 |
| 34 | 911.30 | 829.70 | 9.11 | 8.30 | 132.14 | 120.31 |
| 36 | 962.00 | 878.10 | 9.62 | 8.78 | 139.49 | 127.32 |
| 38 | 1014.90 | 928.50 | 10.15 | 9.29 | 147.16 | 134.63 |
| 40 | 1069.90 | 981.00 | 10.70 | 9.81 | 155.14 | 142.25 |
| 42 | 1127.10 | 1035.80 | 11.27 | 10.36 | 163.43 | 150.19 |
| 44 | 1186.50 | 1092.80 | 11.87 | 10.93 | 172.04 | 158.46 |
| 46 | 1248.30 | 1152.20 | 12.48 | 11.52 | 181.00 | 167.07 |
| 48 | 1312.40 | 1214.00 | 13.12 | 12.14 | 190.30 | 176.03 |
| 50 | 1379.00 | 1278.30 | 13.79 | 12.78 | 199.96 | 185.35 |
| 52 | 1448.00 | 1345.20 | 14.48 | 13.45 | 209.96 | 195.05 |
| 54 | 1519.60 | 1414.60 | 15.20 | 14.15 | 220.34 | 205.12 |
| 56 | 1593.80 | 1486.70 | 15.94 | 14.87 | 231.10 | 215.57 |
| 58 | 1670.60 | 1561.70 | 16.71 | 15.62 | 242.24 | 226.45 |
| 60 | 1750.20 | 1639.40 | 17.50 | 16.39 | 253.78 | 237.71 |
| 62 | 1832.60 | 1720.10 | 18.33 | 17.20 | 265.73 | 249.41 |
| 64 | 1917.90 | 1803.80 | 19.18 | 18.04 | 278.10 | 261.55 |
| 66 | 2006.20 | 1890.60 | 20.06 | 18.91 | 290.90 | 274.14 |
| 68 | 2097.40 | 1980.60 | 20.97 | 19.81 | 304.12 | 287.19 |
| 70 | 2191.80 | 2073.80 | 21.92 | 20.74 | 317.81 | 300.70 |
| 72 | 2289.30 | 2170.50 | 22.89 | 21.71 | 331.95 | 314.72 |
| 74 | 2390.00 | 2270.70 | 23.90 | 22.71 | 346.55 | 329.25 |
| 76 | 2494.10 | 2374.50 | 24.94 | 23.75 | 361.64 | 344.30 |
| 78 | 2601.70 | 2482.00 | 26.02 | 24.82 | 377.25 | 359.89 |
| 80 | 2712.70 | 2593.50 | 27.13 | 25.94 | 393.34 | 376.06 |
| 82 | 2827.40 | 2709.00 | 28.27 | 27.09 | 409.97 | 392.81 |
| 84 | 2945.80 | 2828.80 | 29.46 | 28.29 | 427.14 | 410.18 |
| 86 | 3067.90 | 2952.90 | 30.68 | 29.53 | 444.85 | 428.17 |
| 88 | 3194.00 | 3081.80 | 31.94 | 30.82 | 463.13 | 446.86 |
| 90 | 3324.20 | 3215.60 | 33.24 | 32.16 | 482.01 | 466.26 |

TEMPERATURE GLIDE: APPROXIMATELY 0.5 DEG C



RS-24 (R426A) PRESSURE & TEMPERATURE TABLE : GAUGE

| TEMPERATURE | BUBBLE PRESSURE (LIQUID) | DEW PRESSURE (VAPOUR) | BUBBLE PRESSURE (LIQUID) | DEW PRESSURE (VAPOUR) | BUBBLE PRESSURE (LIQUID) | DEW PRESSURE (VAPOUR) |
|-------------|--------------------------|-----------------------|--------------------------|-----------------------|--------------------------|-----------------------|
| (oC) | (kPag) | (kPag) | (barg) | (barg) | (psig) | (psig) |
| -50 | -65.70 | -74.10 | -0.66 | -0.74 | -9.73 | -10.94 |
| -48 | -61.70 | -70.80 | -0.62 | -0.71 | -9.15 | -10.47 |
| -46 | -57.30 | -67.20 | -0.57 | -0.67 | -8.51 | -9.94 |
| -44 | -52.50 | -63.20 | -0.53 | -0.63 | -7.81 | -9.36 |
| -42 | -47.20 | -58.80 | -0.47 | -0.59 | -7.04 | -8.73 |
| -40 | -41.50 | -54.00 | -0.42 | -0.54 | -6.22 | -8.03 |
| -38 | -35.30 | -48.80 | -0.35 | -0.49 | -5.32 | -7.28 |
| -36 | -28.70 | -43.20 | -0.29 | -0.43 | -4.36 | -6.46 |
| -34 | -21.40 | -37.00 | -0.21 | -0.37 | -3.30 | -5.57 |
| -32 | -13.60 | -30.30 | -0.14 | -0.30 | -2.17 | -4.59 |
| -30 | -5.20 | -23.10 | -0.05 | -0.23 | -0.95 | -3.55 |
| -28 | 3.90 | -15.30 | 0.04 | -0.15 | 0.37 | -2.42 |
| -26 | 13.60 | -6.80 | 0.14 | -0.07 | 1.77 | -1.19 |
| -24 | 24.00 | 2.30 | 0.24 | 0.02 | 3.28 | 0.13 |
| -22 | 35.20 | 12.00 | 0.35 | 0.12 | 4.90 | 1.54 |
| -20 | 47.20 | 22.50 | 0.47 | 0.23 | 6.64 | 3.06 |
| -18 | 59.90 | 33.80 | 0.60 | 0.34 | 8.49 | 4.70 |
| -16 | 73.50 | 45.80 | 0.74 | 0.46 | 10.46 | 6.44 |
| -14 | 88.00 | 58.70 | 0.88 | 0.59 | 12.56 | 8.31 |
| -12 | 103.50 | 72.40 | 1.04 | 0.72 | 14.81 | 10.30 |
| -10 | 119.80 | 87.10 | 1.20 | 0.87 | 17.17 | 12.43 |
| -8 | 137.20 | 102.70 | 1.37 | 1.03 | 19.69 | 14.69 |
| -6 | 155.70 | 119.30 | 1.56 | 1.19 | 22.38 | 17.10 |
| -4 | 175.20 | 136.90 | 1.75 | 1.37 | 25.20 | 19.65 |
| -2 | 195.80 | 155.60 | 1.96 | 1.56 | 28.19 | 22.36 |
| 0 | 217.60 | 175.40 | 2.18 | 1.75 | 31.35 | 25.23 |
| 2 | 240.70 | 196.40 | 2.41 | 1.96 | 34.70 | 28.28 |
| 4 | 264.90 | 218.60 | 2.65 | 2.19 | 38.21 | 31.50 |
| 6 | 290.50 | 242.10 | 2.91 | 2.42 | 41.92 | 34.90 |
| 8 | 317.50 | 266.80 | 3.18 | 2.67 | 45.84 | 38.49 |
| 10 | 345.80 | 292.90 | 3.46 | 2.93 | 49.94 | 42.27 |
| 12 | 375.50 | 320.40 | 3.76 | 3.20 | 54.25 | 46.26 |
| 14 | 406.80 | 349.40 | 4.07 | 3.49 | 58.79 | 50.46 |
| 16 | 439.50 | 379.80 | 4.40 | 3.80 | 63.53 | 54.87 |
| 18 | 473.90 | 411.80 | 4.74 | 4.12 | 68.52 | 59.51 |
| 20 | 509.80 | 445.40 | 5.10 | 4.45 | 73.72 | 64.38 |
| 22 | 547.50 | 480.70 | 5.48 | 4.81 | 79.19 | 69.50 |
| 24 | 586.80 | 517.60 | 5.87 | 5.18 | 84.89 | 74.85 |
| 26 | 628.00 | 556.30 | 6.28 | 5.56 | 90.86 | 80.46 |
| 28 | 670.90 | 596.80 | 6.71 | 5.97 | 97.08 | 86.34 |
| 30 | 715.80 | 639.20 | 7.16 | 6.39 | 103.59 | 92.48 |
| 32 | 762.50 | 683.50 | 7.63 | 6.84 | 110.36 | 98.91 |
| 34 | 811.30 | 729.70 | 8.11 | 7.30 | 117.44 | 105.61 |
| 36 | 862.00 | 778.10 | 8.62 | 7.78 | 124.79 | 112.62 |
| 38 | 914.90 | 828.50 | 9.15 | 8.29 | 132.46 | 119.93 |
| 40 | 969.90 | 881.00 | 9.70 | 8.81 | 140.44 | 127.55 |
| 42 | 1027.10 | 935.80 | 10.27 | 9.36 | 148.73 | 135.49 |
| 44 | 1086.50 | 992.80 | 10.87 | 9.93 | 157.34 | 143.76 |
| 46 | 1148.30 | 1052.20 | 11.48 | 10.52 | 166.30 | 152.37 |
| 48 | 1212.40 | 1114.00 | 12.12 | 11.14 | 175.60 | 161.33 |
| 50 | 1279.00 | 1178.30 | 12.79 | 11.78 | 185.26 | 170.65 |
| 52 | 1348.00 | 1245.20 | 13.48 | 12.45 | 195.26 | 180.35 |
| 54 | 1419.60 | 1314.60 | 14.20 | 13.15 | 205.64 | 190.42 |
| 56 | 1493.80 | 1386.70 | 14.94 | 13.87 | 216.40 | 200.87 |
| 58 | 1570.60 | 1461.70 | 15.71 | 14.62 | 227.54 | 211.75 |
| 60 | 1650.20 | 1539.40 | 16.50 | 15.39 | 239.08 | 223.01 |
| 62 | 1732.60 | 1620.10 | 17.33 | 16.20 | 251.03 | 234.71 |
| 64 | 1817.90 | 1703.80 | 18.18 | 17.04 | 263.40 | 246.85 |
| 66 | 1906.20 | 1790.60 | 19.06 | 17.91 | 276.20 | 259.44 |
| 68 | 1997.40 | 1880.60 | 19.97 | 18.81 | 289.42 | 272.49 |
| 70 | 2091.80 | 1973.80 | 20.92 | 19.74 | 303.11 | 286.00 |
| 72 | 2189.30 | 2070.50 | 21.89 | 20.71 | 317.25 | 300.02 |
| 74 | 2290.00 | 2170.70 | 22.90 | 21.71 | 331.85 | 314.55 |
| 76 | 2394.10 | 2274.50 | 23.94 | 22.75 | 346.94 | 329.60 |
| 78 | 2501.70 | 2382.00 | 25.02 | 23.82 | 362.55 | 345.19 |
| 80 | 2612.70 | 2493.50 | 26.13 | 24.94 | 378.64 | 361.36 |
| 82 | 2727.40 | 2609.00 | 27.27 | 26.09 | 395.27 | 378.11 |
| 84 | 2845.80 | 2728.80 | 28.46 | 27.29 | 412.44 | 395.48 |
| 86 | 2967.90 | 2852.90 | 29.68 | 28.53 | 430.15 | 413.47 |
| 88 | 3094.00 | 2981.80 | 30.94 | 29.82 | 448.43 | 432.16 |
| 90 | 3224.20 | 3115.60 | 32.24 | 31.16 | 467.31 | 451.56 |

TEMPERATURE GLIDE: APPROXIMATELY 0.5 DEG C