

R-422D



12 L



27 L



61 L



448 L



900 L

SPÉCIFICATIONS SELON NORME AHRI 700

| CARACTÉRISTIQUES STANDARD | CONFORMITÉ EN LIMITE DE TOLÉRANCE |
|--|---|
| Composition nominale : R125 : 65,1 % R134a : 31,5 % R600a : 3,4 % | 64 % ≤ R125 ≤ 66 % 30,5 % ≤ R134a ≤ 32,5 % 3 % ≤ R600 ≤ 3,5 % |
| Pureté | ≥ 99,5 % poids |
| Teneur en eau | ≤ 10 ppm poids |
| Acidité (HCl) | ≤ 1 ppm (poids) |
| Teneur en incondensables (phase gazeuse) | ≤ 1,5 % volume |
| Résidus haute ébullition | ≤ 0,01 % volume |

PROPRIÉTÉS PHYSIQUES

| | |
|---|--|
| Nom | Pentafluoroéthane 65,1% en poids 1,1,1,2-tetrafluoroéthane 31,5% en poids 2-méthyl propane (isobutane) 3,4% en poids |
| Formule chimique | $\text{CHF}_2\text{-CF}_3 / \text{CF}_3\text{-CH}_2\text{F} / \text{C}_4\text{H}_{10}$ |
| Température d'ébullition à 1,013 bar | - 43,2 °C |
| Température critique | 78,21 °C |
| Potentiel de Réchauffement Global (GWP) | 2 729 (selon IPCC 2007 Fourth Assesment Report) |
| Classe de sécurité | A1 |
| Potentiel d'action sur l'ozone | Nul |
| Limites d'inflammabilité dans l'air | Aucune |
| Lubrifiant | (Mineral oil) - AB (Alkyl-Benzène) - POE (PolyolEster) |

SUBSTITUTION

- R-22

DIFFÉRENTES APPELLATIONS DU MARCHÉ

- ISCEON® MO29

R-422D

TABLE THERMODYNAMIQUE

| Température (°C) | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur |
|------------------|--------------------|--------------------|-----------------|-----------------|-------------------|-------------------|--------------------|--------------------|
| | Pression (bar abs) | Pression (bar abs) | Densité (kg/m³) | Densité (kg/m³) | Enthalpie (kJ/kg) | Enthalpie (kJ/kg) | Entropie (kJ/kg-K) | Entropie (kJ/kg-K) |
| -80 | 0,12056 | 0,075836 | 1515,5 | 0,52256 | 102,16 | 309,95 | 0,57932 | 1,6754 |
| -79 | 0,12935 | 0,082052 | 1512,5 | 0,56271 | 103,32 | 310,57 | 0,58532 | 1,6726 |
| -78 | 0,13866 | 0,088688 | 1509,5 | 0,60534 | 104,48 | 311,18 | 0,59129 | 1,6699 |
| -77 | 0,14853 | 0,095765 | 1506,5 | 0,6506 | 105,65 | 311,79 | 0,59723 | 1,6673 |
| -76 | 0,15896 | 0,10331 | 1503,4 | 0,69858 | 106,81 | 312,4 | 0,60315 | 1,6647 |
| -75 | 0,16999 | 0,11133 | 1500,4 | 0,74941 | 107,98 | 313,02 | 0,60904 | 1,6622 |
| -74 | 0,18165 | 0,11987 | 1497,4 | 0,80323 | 109,14 | 313,63 | 0,6149 | 1,6598 |
| -73 | 0,19395 | 0,12895 | 1494,3 | 0,86014 | 110,31 | 314,25 | 0,62074 | 1,6574 |
| -72 | 0,20693 | 0,13858 | 1491,3 | 0,9203 | 111,48 | 314,86 | 0,62655 | 1,6551 |
| -71 | 0,22062 | 0,1488 | 1488,3 | 0,98383 | 112,64 | 315,48 | 0,63234 | 1,6528 |
| -70 | 0,23503 | 0,15964 | 1485,2 | 1,0509 | 113,81 | 316,1 | 0,6381 | 1,6506 |
| -69 | 0,25021 | 0,17112 | 1482,2 | 1,1216 | 114,98 | 316,72 | 0,64384 | 1,6485 |
| -68 | 0,26618 | 0,18326 | 1479,1 | 1,196 | 116,15 | 317,33 | 0,64956 | 1,6464 |
| -67 | 0,28297 | 0,19611 | 1476,1 | 1,2745 | 117,33 | 317,95 | 0,65526 | 1,6443 |
| -66 | 0,30062 | 0,20968 | 1473 | 1,357 | 118,5 | 318,57 | 0,66093 | 1,6423 |
| -65 | 0,31915 | 0,22402 | 1470 | 1,4438 | 119,67 | 319,19 | 0,66658 | 1,6404 |
| -64 | 0,33859 | 0,23914 | 1466,9 | 1,535 | 120,85 | 319,81 | 0,6722 | 1,6385 |
| -63 | 0,35899 | 0,25509 | 1463,8 | 1,6307 | 122,03 | 320,43 | 0,67781 | 1,6366 |
| -62 | 0,38037 | 0,27189 | 1460,7 | 1,7312 | 123,2 | 321,05 | 0,6834 | 1,6348 |
| -61 | 0,40276 | 0,28958 | 1457,7 | 1,8366 | 124,38 | 321,67 | 0,68896 | 1,633 |
| -60 | 0,42621 | 0,3082 | 1454,6 | 1,9471 | 125,56 | 322,29 | 0,6945 | 1,6313 |
| -59 | 0,45075 | 0,32777 | 1451,5 | 2,0628 | 126,75 | 322,91 | 0,70003 | 1,6297 |
| -58 | 0,47641 | 0,34834 | 1448,4 | 2,1839 | 127,93 | 323,53 | 0,70553 | 1,628 |
| -57 | 0,50323 | 0,36994 | 1445,3 | 2,3106 | 129,11 | 324,15 | 0,71102 | 1,6265 |
| -56 | 0,53126 | 0,39261 | 1442,2 | 2,4432 | 130,3 | 324,77 | 0,71648 | 1,6249 |
| -55 | 0,56052 | 0,41639 | 1439,1 | 2,5817 | 131,49 | 325,39 | 0,72193 | 1,6234 |
| -54 | 0,59105 | 0,44131 | 1435,9 | 2,7263 | 132,68 | 326,01 | 0,72736 | 1,622 |
| -53 | 0,62291 | 0,46742 | 1432,8 | 2,8774 | 133,87 | 326,63 | 0,73277 | 1,6205 |
| -52 | 0,65612 | 0,49475 | 1429,7 | 3,035 | 135,06 | 327,25 | 0,73816 | 1,6192 |
| -51 | 0,69072 | 0,52335 | 1426,5 | 3,1993 | 136,25 | 327,87 | 0,74354 | 1,6178 |
| -50 | 0,72676 | 0,55325 | 1423,4 | 3,3707 | 137,45 | 328,49 | 0,74889 | 1,6165 |
| -49 | 0,76428 | 0,58451 | 1420,2 | 3,5492 | 138,64 | 329,11 | 0,75423 | 1,6152 |
| -48 | 0,80333 | 0,61716 | 1417,1 | 3,7351 | 139,84 | 329,73 | 0,75956 | 1,614 |
| -47 | 0,84394 | 0,65125 | 1413,9 | 3,9286 | 141,04 | 330,34 | 0,76486 | 1,6128 |
| -46 | 0,88615 | 0,68681 | 1410,7 | 4,1299 | 142,25 | 330,96 | 0,77016 | 1,6116 |
| -45 | 0,93002 | 0,72391 | 1407,5 | 4,3393 | 143,45 | 331,58 | 0,77543 | 1,6105 |

R-422D

TABLE THERMODYNAMIQUE

| Température (°C) | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur |
|------------------|--------------------|--------------------|------------------------------|------------------------------|-------------------|-------------------|--------------------|--------------------|
| | Pression (bar abs) | Pression (bar abs) | Densité (kg/m ³) | Densité (kg/m ³) | Enthalpie (kJ/kg) | Enthalpie (kJ/kg) | Entropie (kJ/kg-K) | Entropie (kJ/kg-K) |
| -44 | 0,97559 | 0,76257 | 1404,3 | 4,5569 | 144,66 | 332,19 | 0,78069 | 1,6094 |
| -43 | 1,0229 | 0,80286 | 1401,1 | 4,7831 | 145,86 | 332,81 | 0,78593 | 1,6083 |
| -42 | 1,072 | 0,84481 | 1397,9 | 5,018 | 147,07 | 333,42 | 0,79116 | 1,6072 |
| -41 | 1,1229 | 0,88847 | 1394,6 | 5,2619 | 148,28 | 334,04 | 0,79638 | 1,6062 |
| -40 | 1,1758 | 0,93389 | 1391,4 | 5,515 | 149,5 | 334,65 | 0,80158 | 1,6052 |
| -39 | 1,2305 | 0,98113 | 1388,2 | 5,7775 | 150,71 | 335,26 | 0,80676 | 1,6043 |
| -38 | 1,2872 | 1,0302 | 1384,9 | 6,0498 | 151,93 | 335,87 | 0,81193 | 1,6033 |
| -37 | 1,346 | 1,0812 | 1381,6 | 6,3321 | 153,15 | 336,48 | 0,81709 | 1,6024 |
| -36 | 1,4068 | 1,1342 | 1378,3 | 6,6246 | 154,37 | 337,09 | 0,82223 | 1,6015 |
| -35 | 1,4698 | 1,1892 | 1375 | 6,9276 | 155,6 | 337,7 | 0,82736 | 1,6007 |
| -34 | 1,5349 | 1,2462 | 1371,7 | 7,2414 | 156,82 | 338,31 | 0,83248 | 1,5999 |
| -33 | 1,6022 | 1,3054 | 1368,4 | 7,5662 | 158,05 | 338,92 | 0,83758 | 1,5991 |
| -32 | 1,6719 | 1,3667 | 1365,1 | 7,9023 | 159,28 | 339,52 | 0,84267 | 1,5983 |
| -31 | 1,7438 | 1,4302 | 1361,8 | 8,2501 | 160,51 | 340,12 | 0,84775 | 1,5975 |
| -30 | 1,8182 | 1,4961 | 1358,4 | 8,6097 | 161,74 | 340,73 | 0,85281 | 1,5968 |
| -29 | 1,895 | 1,5642 | 1355 | 8,9815 | 162,98 | 341,33 | 0,85786 | 1,5961 |
| -28 | 1,9742 | 1,6348 | 1351,7 | 9,3658 | 164,22 | 341,93 | 0,8629 | 1,5954 |
| -27 | 2,056 | 1,7078 | 1348,3 | 9,7629 | 165,46 | 342,53 | 0,86793 | 1,5947 |
| -26 | 2,1404 | 1,7833 | 1344,9 | 10,173 | 166,71 | 343,12 | 0,87295 | 1,5941 |
| -25 | 2,2274 | 1,8613 | 1341,5 | 10,597 | 167,95 | 343,72 | 0,87795 | 1,5934 |
| -24 | 2,3172 | 1,942 | 1338 | 11,034 | 169,2 | 344,32 | 0,88295 | 1,5928 |
| -23 | 2,4097 | 2,0253 | 1334,6 | 11,485 | 170,45 | 344,91 | 0,88793 | 1,5922 |
| -22 | 2,505 | 2,1114 | 1331,1 | 11,951 | 171,71 | 345,5 | 0,8929 | 1,5917 |
| -21 | 2,6032 | 2,2002 | 1327,6 | 12,432 | 172,96 | 346,09 | 0,89787 | 1,5911 |
| -20 | 2,7043 | 2,2919 | 1324,2 | 12,927 | 174,22 | 346,68 | 0,90282 | 1,5906 |
| -19 | 2,8084 | 2,3865 | 1320,6 | 13,438 | 175,48 | 347,26 | 0,90776 | 1,59 |
| -18 | 2,9155 | 2,4841 | 1317,1 | 13,965 | 176,75 | 347,85 | 0,91269 | 1,5895 |
| -17 | 3,0257 | 2,5847 | 1313,6 | 14,508 | 178,01 | 348,43 | 0,91761 | 1,5891 |
| -16 | 3,1391 | 2,6884 | 1310 | 15,067 | 179,28 | 349,01 | 0,92253 | 1,5886 |
| -15 | 3,2557 | 2,7953 | 1306,4 | 15,644 | 180,55 | 349,59 | 0,92743 | 1,5881 |
| -14 | 3,3756 | 2,9053 | 1302,9 | 16,237 | 181,83 | 350,16 | 0,93232 | 1,5877 |
| -13 | 3,4988 | 3,0187 | 1299,2 | 16,849 | 183,11 | 350,74 | 0,93721 | 1,5873 |
| -12 | 3,6254 | 3,1354 | 1295,6 | 17,478 | 184,39 | 351,31 | 0,94209 | 1,5868 |
| -11 | 3,7554 | 3,2555 | 1292 | 18,127 | 185,67 | 351,88 | 0,94695 | 1,5864 |
| -10 | 3,889 | 3,379 | 1288,3 | 18,794 | 186,96 | 352,45 | 0,95181 | 1,5861 |
| -9 | 4,0261 | 3,5061 | 1284,6 | 19,48 | 188,25 | 353,01 | 0,95666 | 1,5857 |

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TABLE THERMODYNAMIQUE

| Température (°C) | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur |
|------------------|--------------------|--------------------|------------------------------|------------------------------|-------------------|-------------------|--------------------|--------------------|
| | Pression (bar abs) | Pression (bar abs) | Densité (kg/m ³) | Densité (kg/m ³) | Enthalpie (kJ/kg) | Enthalpie (kJ/kg) | Entropie (kJ/kg-K) | Entropie (kJ/kg-K) |
| -8 | 4.1669 | 3.6368 | 1280,9 | 20,187 | 189,54 | 353,57 | 0,96151 | 1,5853 |
| -7 | 4.3114 | 3.7712 | 1277,2 | 20,914 | 190,84 | 354,13 | 0,96634 | 1,585 |
| -6 | 4.4596 | 3.9093 | 1273,4 | 21,661 | 192,14 | 354,69 | 0,97117 | 1,5846 |
| -5 | 4.6116 | 4.0512 | 1269,7 | 22,43 | 193,44 | 355,25 | 0,97599 | 1,5843 |
| -4 | 4.7676 | 4.1969 | 1265,9 | 23,221 | 194,74 | 355,8 | 0,98081 | 1,584 |
| -3 | 4.9275 | 4.3466 | 1262,1 | 24,034 | 196,05 | 356,35 | 0,98562 | 1,5837 |
| -2 | 5.0914 | 4.5003 | 1258,2 | 24,87 | 197,36 | 356,9 | 0,99042 | 1,5834 |
| -1 | 5.2593 | 4.658 | 1254,4 | 25,729 | 198,68 | 357,44 | 0,99521 | 1,5831 |
| 0 | 5.4315 | 4.8199 | 1250,5 | 26,613 | 200 | 357,98 | 1 | 1,5828 |
| 1 | 5.6078 | 4.986 | 1246,6 | 27,521 | 201,32 | 358,52 | 1,0048 | 1,5825 |
| 2 | 5.7884 | 5.1564 | 1242,7 | 28,454 | 202,65 | 359,05 | 1,0096 | 1,5822 |
| 3 | 5.9733 | 5.3311 | 1238,7 | 29,413 | 203,98 | 359,58 | 1,0143 | 1,582 |
| 4 | 6.1627 | 5.5102 | 1234,7 | 30,398 | 205,31 | 360,11 | 1,0191 | 1,5817 |
| 5 | 6.3565 | 5.6938 | 1230,7 | 31,41 | 206,65 | 360,63 | 1,0239 | 1,5814 |
| 6 | 6.5549 | 5.882 | 1226,7 | 32,45 | 207,99 | 361,15 | 1,0286 | 1,5812 |
| 7 | 6.7578 | 6.0748 | 1222,6 | 33,519 | 209,34 | 361,67 | 1,0334 | 1,5809 |
| 8 | 6.9655 | 6.2723 | 1218,5 | 34,617 | 210,69 | 362,18 | 1,0381 | 1,5807 |
| 9 | 7.1779 | 6.4746 | 1214,4 | 35,744 | 212,04 | 362,69 | 1,0429 | 1,5805 |
| 10 | 7.3951 | 6.6818 | 1210,2 | 36,902 | 213,4 | 363,19 | 1,0476 | 1,5802 |
| 11 | 7.6172 | 6.8939 | 1206 | 38,092 | 214,76 | 363,69 | 1,0523 | 1,58 |
| 12 | 7.8442 | 7.111 | 1201,8 | 39,314 | 216,13 | 364,19 | 1,0571 | 1,5798 |
| 13 | 8.0763 | 7.3331 | 1197,5 | 40,569 | 217,5 | 364,68 | 1,0618 | 1,5795 |
| 14 | 8.3134 | 7.5605 | 1193,2 | 41,859 | 218,87 | 365,17 | 1,0665 | 1,5793 |
| 15 | 8.5557 | 7.793 | 1188,9 | 43,183 | 220,25 | 365,65 | 1,0713 | 1,5791 |
| 16 | 8.8033 | 8.0309 | 1184,5 | 44,543 | 221,64 | 366,12 | 1,076 | 1,5789 |
| 17 | 9.0561 | 8.2742 | 1180,1 | 45,94 | 223,03 | 366,6 | 1,0807 | 1,5786 |
| 18 | 9.3144 | 8.5229 | 1175,7 | 47,376 | 224,42 | 367,06 | 1,0854 | 1,5784 |
| 19 | 9.5781 | 8.7772 | 1171,2 | 48,85 | 225,82 | 367,52 | 1,0901 | 1,5782 |
| 20 | 9.8473 | 9.0371 | 1166,7 | 50,364 | 227,23 | 367,98 | 1,0949 | 1,5779 |
| 21 | 10.122 | 9.3027 | 1162,1 | 51,92 | 228,63 | 368,43 | 1,0996 | 1,5777 |
| 22 | 10.403 | 9.5742 | 1157,5 | 53,518 | 230,05 | 368,87 | 1,1043 | 1,5774 |
| 23 | 10.689 | 9.8515 | 1152,9 | 55,16 | 231,47 | 369,31 | 1,109 | 1,5772 |
| 24 | 10.981 | 10.135 | 1148,2 | 56,848 | 232,9 | 369,74 | 1,1137 | 1,5769 |
| 25 | 11.279 | 10.424 | 1143,4 | 58,582 | 234,33 | 370,16 | 1,1185 | 1,5767 |
| 26 | 11.583 | 10.719 | 1138,6 | 60,364 | 235,76 | 370,58 | 1,1232 | 1,5764 |
| 27 | 11.893 | 11.021 | 1133,8 | 62,196 | 237,21 | 370,99 | 1,1279 | 1,5761 |

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TABLE THERMODYNAMIQUE

| Température (°C) | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur |
|------------------|--------------------|--------------------|------------------------------|------------------------------|-------------------|-------------------|--------------------|--------------------|
| | Pression (bar abs) | Pression (bar abs) | Densité (kg/m ³) | Densité (kg/m ³) | Enthalpie (kJ/kg) | Enthalpie (kJ/kg) | Entropie (kJ/kg-K) | Entropie (kJ/kg-K) |
| 28 | 12,209 | 11,329 | 1128,9 | 64,078 | 238,66 | 371,39 | 1,1326 | 1,5759 |
| 29 | 12,532 | 11,644 | 1124 | 66,014 | 240,11 | 371,78 | 1,1374 | 1,5756 |
| 30 | 12,86 | 11,964 | 1119 | 68,004 | 241,57 | 372,17 | 1,1421 | 1,5753 |
| 31 | 13,195 | 12,292 | 1113,9 | 70,051 | 243,04 | 372,55 | 1,1468 | 1,5749 |
| 32 | 13,537 | 12,626 | 1108,8 | 72,157 | 244,52 | 372,92 | 1,1516 | 1,5746 |
| 33 | 13,885 | 12,967 | 1103,6 | 74,323 | 246 | 373,29 | 1,1563 | 1,5743 |
| 34 | 14,24 | 13,314 | 1098,3 | 76,551 | 247,49 | 373,64 | 1,1611 | 1,5739 |
| 35 | 14,601 | 13,669 | 1093 | 78,845 | 248,99 | 373,98 | 1,1658 | 1,5736 |
| 36 | 14,97 | 14,031 | 1087,6 | 81,206 | 250,49 | 374,32 | 1,1706 | 1,5732 |
| 37 | 15,345 | 14,4 | 1082,2 | 83,638 | 252,01 | 374,65 | 1,1754 | 1,5728 |
| 38 | 15,727 | 14,776 | 1076,6 | 86,142 | 253,53 | 374,96 | 1,1802 | 1,5724 |
| 39 | 16,116 | 15,159 | 1071 | 88,722 | 255,06 | 375,27 | 1,185 | 1,572 |
| 40 | 16,512 | 15,55 | 1065,3 | 91,381 | 256,59 | 375,56 | 1,1898 | 1,5715 |
| 41 | 16,916 | 15,949 | 1059,5 | 94,122 | 258,14 | 375,84 | 1,1946 | 1,571 |
| 42 | 17,327 | 16,355 | 1053,7 | 96,949 | 259,7 | 376,11 | 1,1994 | 1,5706 |
| 43 | 17,745 | 16,769 | 1047,7 | 99,866 | 261,26 | 376,37 | 1,2042 | 1,57 |
| 44 | 18,171 | 17,191 | 1041,7 | 102,88 | 262,84 | 376,62 | 1,2091 | 1,5695 |
| 45 | 18,604 | 17,621 | 1035,5 | 105,98 | 264,43 | 376,85 | 1,2139 | 1,5689 |
| 46 | 19,045 | 18,058 | 1029,2 | 109,2 | 266,03 | 377,07 | 1,2188 | 1,5683 |
| 47 | 19,494 | 18,505 | 1022,9 | 112,52 | 267,63 | 377,27 | 1,2237 | 1,5677 |
| 48 | 19,951 | 18,959 | 1016,4 | 115,95 | 269,26 | 377,45 | 1,2286 | 1,5671 |
| 49 | 20,416 | 19,422 | 1009,8 | 119,5 | 270,89 | 377,63 | 1,2336 | 1,5664 |
| 50 | 20,889 | 19,894 | 1003 | 123,18 | 272,54 | 377,78 | 1,2385 | 1,5656 |
| 51 | 21,37 | 20,375 | 996,11 | 127 | 274,2 | 377,91 | 1,2435 | 1,5649 |
| 52 | 21,86 | 20,864 | 989,08 | 130,95 | 275,87 | 378,03 | 1,2485 | 1,5641 |
| 53 | 22,358 | 21,363 | 981,88 | 135,06 | 277,56 | 378,13 | 1,2536 | 1,5632 |
| 54 | 22,864 | 21,87 | 974,52 | 139,32 | 279,27 | 378,2 | 1,2586 | 1,5623 |
| 55 | 23,379 | 22,387 | 966,98 | 143,76 | 280,99 | 378,25 | 1,2637 | 1,5613 |
| 56 | 23,903 | 22,914 | 959,25 | 148,38 | 282,73 | 378,28 | 1,2689 | 1,5603 |
| 57 | 24,436 | 23,45 | 951,32 | 153,19 | 284,49 | 378,28 | 1,274 | 1,5592 |
| 58 | 24,978 | 23,996 | 943,16 | 158,22 | 286,28 | 378,25 | 1,2792 | 1,5581 |
| 59 | 25,529 | 24,553 | 934,76 | 163,47 | 288,08 | 378,19 | 1,2845 | 1,5569 |
| 60 | 26,09 | 25,119 | 926,11 | 168,97 | 289,91 | 378,1 | 1,2898 | 1,5556 |
| 61 | 26,66 | 25,696 | 917,17 | 174,74 | 291,76 | 377,97 | 1,2952 | 1,5542 |
| 62 | 27,239 | 26,284 | 907,92 | 180,8 | 293,65 | 377,8 | 1,3006 | 1,5527 |
| 63 | 27,828 | 26,883 | 898,33 | 187,19 | 295,56 | 377,59 | 1,3061 | 1,5511 |

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TABLE THERMODYNAMIQUE

| Température (°C) | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur | Liquide | Vapeur |
|---------------------|-----------------------|-----------------------|---------------------------------|---------------------------------|----------------------|----------------------|-----------------------|-----------------------|
| | Pression (bar abs) | Pression (bar abs) | Densité (kg/m ³) | Densité (kg/m ³) | Enthalpie (kJ/kg) | Enthalpie (kJ/kg) | Entropie (kJ/kg-K) | Entropie (kJ/kg-K) |
| 64 | 28,428 | 27,493 | 888,36 | 193,94 | 297,51 | 377,33 | 1,3117 | 1,5494 |
| 65 | 29,037 | 28,115 | 877,96 | 201,09 | 299,49 | 377,02 | 1,3174 | 1,5475 |
| 66 | 29,656 | 28,749 | 867,08 | 208,69 | 301,52 | 376,64 | 1,3232 | 1,5455 |
| 67 | 30,286 | 29,395 | 855,66 | 216,8 | 303,6 | 376,2 | 1,3291 | 1,5433 |
| 68 | 30,926 | 30,053 | 843,61 | 225,5 | 305,73 | 375,69 | 1,3351 | 1,5409 |
| 69 | 31,577 | 30,725 | 830,83 | 234,89 | 307,93 | 375,08 | 1,3413 | 1,5383 |
| 70 | 32,238 | 31,411 | 817,17 | 245,08 | 310,2 | 374,37 | 1,3477 | 1,5354 |