

# Temperature Tables



Doc: TempTable/01

March 2007

## Saturated Steam Table

| Gauge Pressure<br>Bar | Temperature<br>Deg C | Gauge Pressure<br>Bar | Temperature<br>Deg C |
|-----------------------|----------------------|-----------------------|----------------------|
| 1                     | 120.42               | 11                    | 188.02               |
| 2                     | 133.69               | 12                    | 191.68               |
| 3                     | 143.75               | 13                    | 195.10               |
| 4                     | 151.96               | 14                    | 198.35               |
| 5                     | 158.92               | 15                    | 201.45               |
| 6                     | 165.04               | 16                    | 204.38               |
| 7                     | 170.50               | 17                    | 207.17               |
| 8                     | 175.43               | 18                    | 209.90               |
| 9                     | 179.97               | 19                    | 212.47               |
| 10                    | 184.13               | 20                    | 214.96               |

## Conversion °C ~ °F

|      |      |     |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|-----|
| -200 | -328 | 5   | 41  | 170 | 338 | 430 | 806 |
| -180 | -292 | 10  | 50  | 180 | 356 | 440 | 824 |
| -160 | -256 | 15  | 59  | 190 | 374 | 450 | 842 |
| -140 | -220 | 20  | 68  | 200 | 392 | 460 | 860 |
| -120 | -184 | 25  | 77  | 210 | 410 | 470 | 877 |
| -100 | -148 | 30  | 86  | 220 | 428 | 480 | 896 |
| -95  | -139 | 35  | 95  | 230 | 446 | 490 | 914 |
| -90  | -130 | 40  | 104 | 240 | 464 | 500 | 932 |
| -85  | -121 | 45  | 113 | 250 | 482 |     |     |
| -80  | -112 | 50  | 122 | 260 | 500 |     |     |
| -75  | -103 | 55  | 131 | 270 | 518 |     |     |
| -70  | -94  | 60  | 140 | 280 | 536 |     |     |
| -65  | -85  | 65  | 149 | 290 | 554 |     |     |
| -60  | -76  | 70  | 158 | 300 | 572 |     |     |
| -55  | -67  | 75  | 167 | 310 | 590 |     |     |
| -50  | -58  | 80  | 176 | 320 | 608 |     |     |
| -45  | -49  | 85  | 185 | 330 | 626 |     |     |
| -40  | -40  | 90  | 194 | 340 | 644 |     |     |
| -35  | -31  | 95  | 203 | 350 | 662 |     |     |
| -30  | -22  | 100 | 212 | 360 | 680 |     |     |
| -25  | -13  | 110 | 230 | 370 | 698 |     |     |
| -20  | -4   | 120 | 248 | 380 | 716 |     |     |
| -15  | 5    | 130 | 266 | 390 | 734 |     |     |
| -10  | 14   | 140 | 284 | 400 | 752 |     |     |
| -5   | 23   | 150 | 302 | 410 | 770 |     |     |
| 0    | 32   | 160 | 320 | 420 | 788 |     |     |