



| <b>HCR188C2</b>                           |        |                                  |                               |        |
|---|--------|----------------------------------|-------------------------------|--------|
| <b>PRESSURE / TEMPERATURE COMPARISONS</b> |        |                                  |                               |        |
| Values shown in " PSIG"                   |        |                                  |                               |        |
| <b>Local barometric pressure</b>          |        | <b>14.7 psia</b>                 | <b>(29.92")</b>               |        |
| Temperature                               |        | HCR188C2:<br>Liquid<br>Bubble Pt | HCR188C2:<br>Vapor<br>Dew Pt. | R22    |
| °C  | °F     | PSIG                             | PSIG                          | PSIG   |
| -40                                       | -40.00 | 3.73                             | 1.43                          | 0.56   |
| -38                                       | -36.40 | 5.35                             | 2.90                          | 2.03   |
| -36                                       | -32.80 | 7.08                             | 4.48                          | 3.62   |
| -34                                       | -29.20 | 8.91                             | 6.16                          | 5.31   |
| -32                                       | -25.60 | 10.87                            | 7.95                          | 7.13   |
| -30                                       | -22.00 | 12.94                            | 9.86                          | 9.07   |
| -28                                       | -18.40 | 15.15                            | 11.89                         | 11.14  |
| -26                                       | -14.80 | 17.48                            | 14.05                         | 13.36  |
| -24                                       | -11.20 | 19.95                            | 16.34                         | 15.71  |
| -22                                       | -7.60  | 22.56                            | 18.77                         | 18.22  |
| -20                                       | -4.00  | 25.32                            | 21.33                         | 20.88  |
| -18                                       | -0.40  | 28.23                            | 24.05                         | 23.70  |
| -16                                       | 3.20   | 31.29                            | 26.91                         | 26.70  |
| -14                                       | 6.80   | 34.52                            | 29.94                         | 29.87  |
| -12                                       | 10.40  | 37.91                            | 33.12                         | 33.22  |
| -10                                       | 14.00  | 41.48                            | 36.48                         | 36.76  |
| -8  | 17.60  | 45.23                            | 40.01                         | 40.49  |
| -6  | 21.20  | 49.15                            | 43.72                         | 44.43  |
| -4  | 24.80  | 53.27                            | 47.61                         | 48.58  |
| -2  | 28.40  | 57.58                            | 51.69                         | 52.94  |
| 0   | 32.00  | 62.09                            | 55.97                         | 57.53  |
| 2   | 35.60  | 66.80                            | 60.46                         | 62.34  |
| 4   | 39.20  | 71.73                            | 65.15                         | 67.40  |
| 6   | 42.80  | 76.87                            | 70.05                         | 72.70  |
| 8   | 46.40  | 82.23                            | 75.18                         | 78.25  |
| 10  | 50.00  | 87.83                            | 80.53                         | 84.06  |
| 12  | 53.60  | 93.65                            | 86.11                         | 90.14  |
| 14  | 57.20  | 99.72                            | 91.93                         | 96.50  |
| 16  | 60.80  | 106.03                           | 98.00                         | 103.13 |
| 18  | 64.40  | 112.59                           | 104.32                        | 110.06 |
| 20  | 68.00  | 119.41                           | 110.89                        | 117.29 |
| 22  | 71.60  | 126.49                           | 117.73                        | 124.82 |
| 24  | 75.20  | 133.84                           | 124.84                        | 132.66 |
| 26  | 78.80  | 141.46                           | 132.22                        | 140.83 |
| 28  | 82.40  | 149.37                           | 139.89                        | 149.33 |
| 30  | 86.00  | 157.57                           | 147.85                        | 158.17 |
| 32  | 89.60  | 166.06                           | 156.10                        | 167.35 |
| 34  | 93.20  | 174.85                           | 164.66                        | 176.89 |
| 36  | 96.80  | 183.94                           | 173.53                        | 186.79 |
| 38  | 100.40 | 193.35                           | 182.72                        | 197.07 |
| 40  | 104.00 | 203.08                           | 192.23                        | 207.73 |
| 42  | 107.60 | 213.14                           | 202.07                        | 218.78 |
| 44  | 111.20 | 223.53                           | 212.26                        | 230.22 |
| 46  | 114.80 | 234.26                           | 222.80                        | 242.08 |
| 48  | 118.40 | 245.34                           | 233.69                        | 254.36 |
| 50  | 122.00 | 256.77                           | 244.94                        | 267.06 |
| 52  | 125.60 | 268.57                           | 256.57                        | 280.21 |
| 54  | 129.20 | 280.74                           | 268.58                        | 293.80 |
| 56  | 132.80 | 293.28                           | 280.98                        | 307.85 |
| 58  | 136.40 | 306.21                           | 293.78                        | 322.37 |
| 60  | 140.00 | 319.53                           | 307.00                        | 337.38 |