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**Refrigeration Systems Company**

**Temperature / Pressure Chart for Refrigerant**

| Temp<br>Deg. F | Refrigerant Code |       |        |
|----------------|------------------|-------|--------|
|                | R-717            | R-22  | R-507A |
| -60            | 18.7"            | 11.9" | 5.8"   |
| -55            | 16.7"            | 9.2"  | 2.2"   |
| -50            | 14.4"            | 6.1"  | 0.9    |
| -45            | 11.8"            | 2.7"  | 3.1    |
| -40            | 8.8"             | 0.6   | 5.5    |
| -35            | 5.5"             | 2.6   | 8.2    |
| -30            | 1.7"             | 4.9   | 11.1   |
| -25            | 1.2              | 7.5   | 14.3   |
| -20            | 3.5              | 10.2  | 17.8   |
| -18            | 4.5              | 11.4  | 19.3   |
| -16            | 5.6              | 12.6  | 20.9   |
| -14            | 6.7              | 13.9  | 22.5   |
| -12            | 7.8              | 15.2  | 24.1   |
| -10            | 9                | 16.5  | 25.8   |
| -8             | 10.2             | 17.9  | 27.6   |
| -6             | 11.5             | 19.4  | 29.4   |
| -4             | 12.8             | 20.9  | 31.3   |
| -2             | 14.2             | 22.4  | 33.2   |
| 0              | 15.6             | 24    | 35.2   |
| 1              | 16.4             | 24.8  | 36.2   |
| 2              | 17.1             | 25.7  | 37.3   |
| 3              | 17.9             | 26.5  | 38.3   |
| 4              | 18.7             | 27.4  | 39.4   |
| 5              | 19.5             | 28.3  | 40.5   |
| 6              | 20.3             | 29.1  | 41.6   |
| 7              | 21.1             | 30    | 42.7   |
| 8              | 22               | 31    | 43.8   |
| 9              | 22.8             | 31.9  | 45     |
| 10             | 23.7             | 32.8  | 46.2   |
| 11             | 24.6             | 33.8  | 47.3   |

| Temp<br>Deg. F | Refrigerant Code |      |        |
|----------------|------------------|------|--------|
|                | R-717            | R-22 | R-507A |
| 12             | 25.5             | 34.8 | 48.5   |
| 13             | 26.4             | 35.8 | 49.8   |
| 14             | 27.4             | 36.8 | 51     |
| 15             | 28.3             | 37.8 | 52.2   |
| 16             | 29.3             | 38.8 | 53.5   |
| 17             | 30.3             | 39.9 | 54.8   |
| 18             | 31.3             | 40.9 | 56.1   |
| 19             | 32.4             | 42   | 57.4   |
| 20             | 33.4             | 43.1 | 58.8   |
| 21             | 34.5             | 44.2 | 60.1   |
| 22             | 35.5             | 45.3 | 61.5   |
| 23             | 36.6             | 46.5 | 62.9   |
| 24             | 37.7             | 47.6 | 64.3   |
| 25             | 38.8             | 48.8 | 65.8   |
| 26             | 40               | 50   | 67.2   |
| 27             | 41.2             | 51.2 | 68.7   |
| 28             | 42.4             | 52.4 | 70.2   |
| 29             | 43.7             | 53.7 | 71.7   |
| 30             | 44.9             | 54.9 | 73.3   |
| 31             | 46.1             | 56.2 | 74.8   |
| 32             | 47.4             | 57.5 | 76.4   |
| 33             | 48.7             | 58.8 | 78     |
| 34             | 50               | 60.2 | 79.6   |
| 35             | 51.4             | 61.5 | 81.3   |
| 36             | 52.7             | 62.9 | 82.9   |
| 37             | 54.1             | 64.3 | 84.6   |
| 38             | 55.5             | 65.7 | 86.3   |
| 39             | 57               | 67.1 | 88.1   |
| 40             | 58.4             | 68.6 | 89.8   |
| 41             | 59.2             | 70   | 91.6   |

| Temp<br>Deg. F | Refrigerant Code |       |        |
|----------------|------------------|-------|--------|
|                | R-717            | R-22  | R-507A |
| 42             | 61.4             | 71.5  | 93.4   |
| 43             | 62.9             | 73    | 95.2   |
| 44             | 64.5             | 74.5  | 97     |
| 45             | 66.1             | 76.1  | 98.9   |
| 46             | 67.6             | 77.6  | 100.8  |
| 47             | 69.3             | 79.2  | 102.7  |
| 48             | 70.9             | 80.8  | 104.6  |
| 49             | 72.6             | 82.4  | 106.6  |
| 50             | 74.3             | 84.1  | 108.6  |
| 55             | 83.2             | 92.6  | 118.8  |
| 60             | 92.6             | 101.6 | 129.7  |
| 65             | 102.8            | 111.3 | 141.3  |
| 70             | 113.8            | 121.5 | 153.6  |
| 75             | 125.5            | 132.2 | 166.6  |
| 80             | 138              | 143.7 | 180.3  |
| 85             | 151.4            | 155.7 | 194.8  |
| 90             | 165.5            | 168.4 | 210.2  |
| 95             | 180.6            | 181.9 | 226.4  |
| 100            | 196.7            | 196   | 243.5  |
| 104            | 213.9            | 210.8 | 261.6  |
| 110            | 231.8            | 226.4 | 280.6  |
| 115            | 251              | 242.8 | 300.7  |
| 120            | 271.1            | 260   | 321.9  |
| 125            | 292.5            | 278.1 | 344.3  |
| 130            | 314.9            | 297   | 367.8  |
| 135            | 338.8            | 316.8 | 392.6  |
| 140            | 363.5            | 337.5 | 418.7  |
| 145            | 390.2            | 359.1 | 446.3  |
| 150            | 417.4            | 381.7 | 475.3  |
| 155            | 447              | 405.4 | 505.8  |