

# PRESSURE / TEMPERATURE CHART

SUPERHEAT - USE DEW COLUMN SUBCOOLING - USE BUBBLE COLUMN **BOLD ITALICS** - IN. HG

| °F  | HOT SHOT Dew PSIG | R-12 PSIG | R-134a PSIG | NU-22B Dew PSIG | R-22 PSIG | R-407C Dew PSIG | R-410A Dew PSIG | °F  | HOT SHOT Bubble PSIG | R-12 PSIG | R-134a PSIG | NU-22B Bubble PSIG | R-22 PSIG | R-407C Bubble PSIG | R-410A Bubble PSIG |
|-----|-------------------|-----------|-------------|-----------------|-----------|-----------------|-----------------|-----|----------------------|-----------|-------------|--------------------|-----------|--------------------|--------------------|
|     | -50               | *         | *           | *               | *         | *               | *               |     | *                    | 60        | 69.0        | 57.6               | 57.4      | 103.0              | 101.6              |
| -48 | *                 | *         | *           | *               | *         | *               | *               | 62  | 71.7                 | 60.0      | 60.0        | 106.8              | 105.4     | 122.3              | 176.6              |
| -46 | *                 | *         | *           | *               | *         | *               | *               | 64  | 74.6                 | 62.4      | 62.7        | 110.7              | 109.3     | 126.7              | 182.7              |
| -44 | *                 | *         | *           | *               | *         | *               | *               | 66  | 77.5                 | 64.9      | 65.4        | 114.7              | 113.2     | 131.2              | 188.9              |
| -42 | *                 | *         | *           | *               | *         | *               | *               | 68  | 80.4                 | 67.5      | 68.2        | 118.8              | 117.3     | 135.8              | 195.3              |
| -40 | *                 | *         | *           | *               | 0.6       | *               | 10.7            | 70  | 83.5                 | 70.1      | 71.1        | 123.0              | 121.4     | 140.5              | 201.8              |
| -38 | *                 | *         | *           | *               | 1.4       | *               | 12.0            | 72  | 86.6                 | 72.7      | 74.1        | 127.2              | 125.7     | 145.4              | 208.4              |
| -36 | *                 | *         | *           | *               | 2.2       | *               | 13.3            | 74  | 89.7                 | 75.4      | 77.1        | 131.6              | 130.0     | 150.3              | 215.2              |
| -34 | *                 | *         | *           | *               | 3.1       | *               | 14.7            | 76  | 93.0                 | 78.2      | 80.2        | 136.1              | 134.5     | 155.4              | 222.2              |
| -32 | *                 | *         | *           | *               | 4.0       | *               | 16.2            | 78  | 96.3                 | 81.1      | 83.4        | 140.7              | 139.0     | 160.5              | 229.3              |
| -30 | *                 | *         | *           | 1.0             | 4.9       | *               | 17.7            | 80  | 99.7                 | 84.0      | 86.7        | 145.3              | 143.6     | 165.8              | 236.5              |
| -28 | *                 | *         | *           | 1.9             | 5.9       | 2.5             | 19.3            | 82  | 103.2                | 87.0      | 90.0        | 150.1              | 148.4     | 171.2              | 244.0              |
| -26 | *                 | *         | *           | 2.8             | 6.9       | 3.4             | 20.9            | 84  | 106.7                | 90.0      | 93.5        | 155.0              | 153.2     | 176.8              | 251.6              |
| -24 | *                 | *         | *           | 3.7             | 8.0       | 4.4             | 22.6            | 86  | 110.4                | 93.2      | 97.0        | 160.0              | 158.2     | 182.4              | 259.3              |
| -22 | *                 | *         | *           | 4.7             | 9.1       | 5.4             | 24.4            | 88  | 114.1                | 96.3      | 100.6       | 165.1              | 163.2     | 188.2              | 267.3              |
| -20 | <b>5.7</b>        | 0.5       | *           | 5.7             | 10.2      | 6.5             | 26.2            | 90  | 117.9                | 99.6      | 104.3       | 170.4              | 168.4     | 194.1              | 275.4              |
| -18 | <b>4.3</b>        | 1.3       | *           | 6.7             | 11.4      | 7.5             | 28.1            | 92  | 121.7                | 102.9     | 108.1       | 175.7              | 173.7     | 200.1              | 283.6              |
| -16 | <b>3.0</b>        | 2.0       | *           | 7.8             | 12.6      | 8.7             | 30.0            | 94  | 125.7                | 106.3     | 112.0       | 181.1              | 179.1     | 206.3              | 292.1              |
| -14 | <b>1.6</b>        | 2.8       | 0.3         | 8.9             | 13.9      | 9.9             | 32.0            | 96  | 129.7                | 109.8     | 115.9       | 186.7              | 184.6     | 212.5              | 300.7              |
| -12 | <b>0.2</b>        | 3.6       | 1.1         | 10.1            | 15.2      | 11.1            | 34.1            | 98  | 133.8                | 113.3     | 120.0       | 192.4              | 190.2     | 219.0              | 309.5              |
| -10 | 0.7               | 4.5       | 1.9         | 11.3            | 16.5      | 12.3            | 36.3            | 100 | 138.0                | 116.9     | 124.2       | 198.2              | 195.9     | 225.5              | 318.5              |
| -8  | 1.4               | 5.3       | 2.8         | 12.5            | 17.9      | 13.7            | 38.5            | 102 | 142.3                | 120.6     | 128.4       | 204.1              | 201.8     | 232.2              | 327.7              |
| -6  | 2.2               | 6.2       | 3.6         | 13.8            | 19.4      | 15.0            | 40.8            | 104 | 146.7                | 124.4     | 132.7       | 210.1              | 207.7     | 239.0              | 337.1              |
| -4  | 3.1               | 7.2       | 4.6         | 15.2            | 20.9      | 16.4            | 43.2            | 106 | 151.2                | 128.2     | 137.2       | 216.3              | 213.8     | 245.9              | 346.7              |
| -2  | 4.0               | 8.1       | 5.5         | 16.6            | 22.4      | 17.9            | 45.7            | 108 | 155.7                | 132.1     | 141.7       | 222.6              | 220.0     | 253.0              | 356.5              |
| 0   | 4.9               | 9.1       | 6.5         | 18.0            | 24.0      | 19.4            | 48.2            | 110 | 160.4                | 136.1     | 146.4       | 229.0              | 226.4     | 260.3              | 366.4              |
| 2   | 5.8               | 10.1      | 7.5         | 19.5            | 25.7      | 21.0            | 50.8            | 112 | 165.1                | 140.2     | 151.1       | 235.6              | 232.8     | 267.6              | 376.6              |
| 4   | 6.8               | 11.2      | 8.5         | 21.1            | 27.4      | 22.6            | 53.5            | 114 | 169.9                | 144.3     | 156.0       | 242.2              | 239.4     | 275.1              | 387.0              |
| 6   | 7.8               | 12.3      | 9.6         | 22.7            | 29.1      | 24.3            | 56.3            | 116 | 174.9                | 148.6     | 160.9       | 249.0              | 246.1     | 282.8              | 397.6              |
| 8   | 8.8               | 13.4      | 10.8        | 24.3            | 31.0      | 26.1            | 59.2            | 118 | 179.9                | 152.9     | 166.0       | 256.0              | 253.0     | 290.6              | 408.4              |
| 10  | 9.9               | 14.6      | 11.9        | 26.1            | 32.8      | 27.9            | 62.2            | 120 | 185.0                | 157.3     | 171.2       | 263.1              | 260.0     | 298.6              | 419.4              |
| 12  | 11.0              | 15.8      | 13.1        | 27.8            | 34.8      | 29.7            | 65.2            | 125 | 198.2                | 168.6     | 184.6       | 281.4              | 278.0     | 319.2              | 447.9              |
| 14  | 12.1              | 17.0      | 14.4        | 29.7            | 36.8      | 31.7            | 68.4            | 130 | 212.0                | 180.5     | 198.7       | 300.6              | 296.9     | 340.7              | 477.9              |
| 16  | 13.3              | 18.3      | 15.7        | 31.6            | 38.8      | 33.7            | 71.6            | 135 | 226.5                | 193.0     | 213.6       | 320.7              | 316.7     | 363.3              | *                  |
| 18  | 14.6              | 19.6      | 17.0        | 33.5            | 40.9      | 35.7            | 74.9            | 140 | 241.7                | 206.0     | 229.2       | 341.8              | 337.4     | 387.0              | *                  |
| 20  | 15.8              | 21.0      | 18.4        | 35.5            | 43.1      | 37.9            | 78.4            | 145 | 257.5                | 219.7     | 245.7       | 363.9              | 359.0     | 411.7              | *                  |
| 22  | 17.2              | 22.4      | 19.9        | 37.6            | 45.3      | 40.1            | 81.9            | 150 | 274.0                | 233.9     | 262.9       | 387.0              | 381.7     | 437.5              | *                  |
| 24  | 18.5              | 23.8      | 21.3        | 39.7            | 47.6      | 42.3            | 85.5            |     |                      |           |             |                    |           |                    |                    |
| 26  | 19.9              | 25.3      | 22.9        | 41.9            | 50.0      | 44.7            | 89.2            |     |                      |           |             |                    |           |                    |                    |
| 28  | 21.4              | 26.8      | 24.5        | 44.2            | 52.4      | 47.1            | 93.1            |     |                      |           |             |                    |           |                    |                    |
| 30  | 22.9              | 28.4      | 26.1        | 46.6            | 55.0      | 49.6            | 97.0            |     |                      |           |             |                    |           |                    |                    |
| 32  | 24.4              | 30.0      | 27.8        | 49.0            | 57.5      | 52.1            | 101.1           |     |                      |           |             |                    |           |                    |                    |
| 34  | 26.0              | 31.6      | 29.5        | 51.5            | 60.2      | 54.8            | 105.2           |     |                      |           |             |                    |           |                    |                    |
| 36  | 27.7              | 33.3      | 31.3        | 54.0            | 62.9      | 57.5            | 109.5           |     |                      |           |             |                    |           |                    |                    |
| 38  | 29.4              | 35.1      | 33.1        | 56.6            | 65.7      | 60.3            | 113.9           |     |                      |           |             |                    |           |                    |                    |
| 40  | 31.1              | 36.9      | 35.0        | 59.3            | 68.6      | 63.2            | 118.4           |     |                      |           |             |                    |           |                    |                    |
| 42  | 32.9              | 38.7      | 37.0        | 62.1            | 71.5      | 66.1            | 123.0           |     |                      |           |             |                    |           |                    |                    |
| 44  | 34.8              | 40.6      | 39.0        | 65.0            | 74.5      | 69.2            | 127.7           |     |                      |           |             |                    |           |                    |                    |
| 46  | 36.7              | 42.6      | 41.1        | 67.9            | 77.6      | 72.3            | 132.6           |     |                      |           |             |                    |           |                    |                    |
| 48  | 38.6              | 44.6      | 43.2        | 71.0            | 80.8      | 75.5            | 137.5           |     |                      |           |             |                    |           |                    |                    |
| 50  | 40.6              | 46.6      | 45.4        | 74.1            | 84.1      | 78.8            | 142.6           |     |                      |           |             |                    |           |                    |                    |

| WEIGHTS OF REFRIGERANT LBS/100 LINEAL FEET |             |        |         |                  |           |             |            |         |                  |      |             |
|--|-------------|--------|---------|------------------|-----------|-------------|------------|---------|------------------|------|-------------|
| Line Size                                  | ICOR        | Liquid | Hot Gas | Suction          | Line Size | ICOR        | Liquid     | Hot Gas | Suction          |      |             |
| O.D. in.                                   | Refrigerant | Line   | Line    | Line Temperature | O.D. in.  | Refrigerant | Line       | Line    | Line Temperature | Line | Temperature |
| 3/8  | HOT SHOT    | 3.44   | 0.14    | 0.02             | 0°F       | 1 1/8       | HOT SHOT   | 36.72   | 1.54             | 0.29 | 0°F         |
|  | NU-22B      | 3.71   | 0.21    | 0.07             | 40°F      |             | NU-22B     | 39.52   | 2.19             | 0.83 | 40°F        |
|  | ONE SHOT°C  | 3.72   | 0.30    | 0.03             | -40°F     |             | ONE SHOT°C | 39.36   | 3.12             | 0.26 | -40°F       |
| 1/2  | HOT SHOT    | 6.48   | 0.27    | 0.05             | 0°F       | 1 3/8       | HOT SHOT   | 55.92   | 2.34             | 0.43 | 0°F         |
|  | NU-22B      | 7.03   | 0.39    | 0.14             | 40°F      |             | NU-22B     | 60.37   | 3.33             | 1.26 | 40°F        |
|  | ONE SHOT°C  | 6.98   | 0.54    | 0.04             | -40°F     |             | ONE SHOT°C | 59.93   | 4.75             | 0.40 | -40°F       |
| 5/8  | HOT SHOT    | 10.32  | 0.43    | 0.08             | 0°F       | 1 5/8       | HOT SHOT   | 79.20   | 3.32             | 0.62 | 0°F         |
|  | NU-22B      | 11.21  | 0.62    | 0.24             | 40°F      |             | NU-22B     | 85.50   | 4.71             | 1.79 | 40°F        |
|  | ONE SHOT°C  | 11.17  | 0.88    | 0.08             | -40°F     |             | ONE SHOT°C | 84.96   | 6.74             | 0.56 | -40°F       |
| 7/8  | HOT SHOT    | 21.52  | 0.90    | 0.17             | 0°F       | 2 1/8       | HOT SHOT   | 137.60  | 5.78             | 1.06 | 0°F         |
|  | NU-22B      | 22.94  | 0.48    | 0.42             | 40°F      |             | NU-22B     | 148.20  | 8.18             | 3.10 | 40°F        |
|  | ONE SHOT°C  | 23.08  | 1.83    | 0.15             | -40°F     |             | ONE SHOT°C | 147.01  | 11.68            | 0.99 | -40°F       |

Approximate Weight Of Refrigerant In Copper Lines During Operation

| STARTING CHARGE PERCENTAGES (%) CONFIRM SUBCOOLING AND SUPERHEAT | HOT SHOT | NU22B | ONE SHOT°C |      |    |       |     |
|--|----------|-------|------------|------|----|-------|-----|
| R12  | 80       | R22   | 95         | R502 | 95 | R404A | 110 |
| R134a  | 90       |       |            | R22  | 97 | R507A | 109 |
| R500   | 100      |       |            |      |    |       |     |

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# PRESSURE / TEMPERATURE CHART

SUPERHEAT - USE DEW COLUMN SUBCOOLING - USE BUBBLE COLUMN **BOLD ITALICS** - IN. HG

| °F  | ONE SHOT®(C) | R-502    | R-404A   | R-507A   | R-408A   | R-402A   | R-422A   | °F  | ONE SHOT®(C) | R-502       | R-404A      | R-507A      | R-408A      | R-402A      | R-422A      |
|-----|--------------|----------|----------|----------|----------|----------|----------|-----|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
|     | Dew PSIG     | Dew PSIG | Dew PSIG | Dew PSIG | Dew PSIG | Dew PSIG | Dew PSIG |     | Bubble PSIG  | Bubble PSIG | Bubble PSIG | Bubble PSIG | Bubble PSIG | Bubble PSIG | Bubble PSIG |
| -50 | *            | *        | *        | 0.9      | *        | 1.1      | *        | 60  | 125.4        | 114.5       | 126.0       | 129.2       | 116.1       | 137.4       | 128.4       |
| -48 | *            | 0.3      | 0.7      | 1.7      | *        | 1.9      | *        | 62  | 129.9        | 118.5       | 130.5       | 133.7       | 120.3       | 142.1       | 132.9       |
| -46 | *            | 1.1      | 1.6      | 2.6      | 0.6      | 2.8      | 0.5      | 64  | 134.4        | 122.6       | 135.0       | 138.4       | 124.5       | 147.0       | 137.5       |
| -44 | 0.5          | 2.0      | 2.4      | 3.5      | 1.4      | 3.7      | 1.3      | 66  | 139.1        | 126.9       | 139.7       | 143.1       | 128.8       | 151.9       | 142.3       |
| -42 | 1.3          | 2.8      | 3.4      | 4.4      | 2.2      | 4.7      | 2.2      | 68  | 143.8        | 131.2       | 144.4       | 148.0       | 133.3       | 156.9       | 147.1       |
| -40 | 2.2          | 3.7      | 4.3      | 5.4      | 3.1      | 5.7      | 3.1      | 70  | 148.7        | 135.6       | 149.3       | 153.0       | 137.8       | 162.1       | 152.1       |
| -38 | 3.1          | 4.6      | 5.3      | 6.4      | 4.0      | 6.8      | 4.1      | 72  | 153.7        | 140.1       | 154.3       | 158.1       | 142.5       | 167.4       | 157.1       |
| -36 | 4.0          | 5.6      | 6.3      | 7.5      | 5.0      | 7.8      | 5.1      | 74  | 158.7        | 144.7       | 159.4       | 163.3       | 147.2       | 172.8       | 162.3       |
| -34 | 5.0          | 6.6      | 7.4      | 8.6      | 5.9      | 9.0      | 6.1      | 76  | 164.0        | 149.4       | 164.6       | 168.6       | 152.1       | 178.3       | 167.6       |
| -32 | 6.1          | 7.7      | 8.5      | 9.8      | 7.0      | 10.1     | 7.2      | 78  | 169.3        | 154.2       | 169.9       | 174.1       | 157.0       | 183.9       | 173.0       |
| -30 | 7.1          | 8.7      | 9.6      | 10.9     | 8.0      | 11.4     | 8.3      | 80  | 174.7        | 159.1       | 175.4       | 179.6       | 162.1       | 189.7       | 178.6       |
| -28 | 8.3          | 9.8      | 10.8     | 12.2     | 9.1      | 12.6     | 9.5      | 82  | 180.3        | 164.1       | 181.0       | 185.3       | 167.3       | 195.5       | 184.2       |
| -26 | 9.4          | 11.0     | 12.0     | 13.5     | 10.3     | 13.9     | 10.7     | 84  | 185.9        | 169.3       | 186.7       | 191.1       | 172.6       | 201.5       | 190.0       |
| -24 | 10.6         | 12.2     | 13.3     | 14.8     | 11.5     | 15.3     | 11.9     | 86  | 191.7        | 174.5       | 192.5       | 197.1       | 178.0       | 207.6       | 195.9       |
| -22 | 11.9         | 13.5     | 14.6     | 16.2     | 12.7     | 16.7     | 13.2     | 88  | 197.7        | 179.8       | 198.4       | 203.1       | 183.5       | 213.9       | 201.9       |
| -20 | 13.2         | 14.7     | 16.0     | 17.6     | 14.0     | 18.2     | 14.6     | 90  | 203.7        | 185.3       | 204.5       | 209.3       | 189.2       | 220.3       | 208.1       |
| -18 | 14.5         | 16.1     | 17.4     | 19.1     | 15.3     | 19.7     | 16.0     | 92  | 209.9        | 190.8       | 210.7       | 215.6       | 194.9       | 226.8       | 214.4       |
| -16 | 15.9         | 17.4     | 18.9     | 20.6     | 16.7     | 21.2     | 17.4     | 94  | 216.2        | 196.5       | 217.0       | 222.1       | 200.8       | 233.4       | 220.8       |
| -14 | 17.3         | 18.9     | 20.4     | 22.2     | 18.1     | 22.9     | 18.9     | 96  | 222.6        | 202.3       | 223.4       | 228.7       | 206.8       | 240.2       | 227.3       |
| -12 | 18.8         | 20.3     | 22.0     | 23.8     | 19.6     | 24.5     | 20.5     | 98  | 229.2        | 208.2       | 230.0       | 235.4       | 212.9       | 247.1       | 234.0       |
| -10 | 20.4         | 21.9     | 23.6     | 25.5     | 21.1     | 26.3     | 22.1     | 100 | 235.9        | 214.3       | 236.8       | 242.3       | 219.2       | 254.2       | 240.8       |
| -8  | 22.0         | 23.4     | 25.3     | 27.2     | 22.7     | 28.0     | 23.7     | 102 | 242.7        | 220.4       | 243.6       | 249.3       | 225.5       | 261.4       | 247.8       |
| -6  | 23.7         | 25.1     | 27.0     | 29.0     | 24.3     | 29.9     | 25.4     | 104 | 249.7        | 226.7       | 250.6       | 256.5       | 232.0       | 268.7       | 254.9       |
| -4  | 25.4         | 26.7     | 28.8     | 30.9     | 26.0     | 31.8     | 27.2     | 106 | 256.8        | 233.1       | 257.8       | 263.8       | 238.7       | 276.2       | 262.1       |
| -2  | 27.1         | 28.4     | 30.7     | 32.8     | 27.7     | 33.8     | 29.0     | 108 | 264.1        | 239.6       | 265.1       | 271.2       | 245.4       | 283.8       | 269.5       |
| 0   | 29.0         | 30.2     | 32.6     | 34.8     | 29.5     | 35.8     | 30.9     | 110 | 271.5        | 246.3       | 272.5       | 278.8       | 252.3       | 291.6       | 277.1       |
| 2   | 30.9         | 32.1     | 34.6     | 36.8     | 31.3     | 37.9     | 32.9     | 112 | 279.1        | 253.0       | 280.1       | 286.6       | 259.4       | 299.5       | 284.8       |
| 4   | 32.8         | 34.0     | 36.6     | 38.9     | 33.2     | 40.0     | 34.9     | 114 | 286.8        | 260.0       | 287.9       | 294.5       | 266.6       | 307.6       | 292.6       |
| 6   | 34.8         | 35.9     | 38.7     | 41.1     | 35.2     | 42.3     | 37.0     | 116 | 294.6        | 267.0       | 295.8       | 302.6       | 273.9       | 315.9       | 300.6       |
| 8   | 36.9         | 37.9     | 40.9     | 43.3     | 37.2     | 44.6     | 39.1     | 118 | 302.7        | 274.2       | 303.8       | 310.8       | 281.3       | 324.3       | 308.8       |
| 10  | 39.1         | 40.0     | 43.1     | 45.7     | 39.3     | 46.9     | 41.3     | 120 | 310.8        | 281.5       | 312.1       | 319.2       | 288.9       | 332.8       | 317.1       |
| 12  | 41.3         | 42.1     | 45.4     | 48.0     | 41.4     | 49.4     | 43.6     | 125 | 331.9        | 300.4       | 333.3       | 340.9       | 308.6       | 354.9       | 338.6       |
| 14  | 43.6         | 44.3     | 47.8     | 50.5     | 43.6     | 51.9     | 46.0     | 130 | 354.1        | 320.2       | 355.6       | 363.8       | 329.2       | 378.1       | 361.2       |
| 16  | 45.9         | 46.5     | 50.2     | 53.0     | 45.9     | 54.4     | 48.4     | 135 | 377.4        | 340.9       | 379.1       | 387.8       | 350.7       | 402.4       | 384.9       |
| 18  | 48.3         | 48.9     | 52.7     | 55.6     | 48.2     | 57.1     | 50.9     | 140 | 401.8        | 362.6       | 403.7       | 413.0       | 373.3       | 427.8       | 409.7       |
| 20  | 50.8         | 51.2     | 55.3     | 58.2     | 50.6     | 59.8     | 53.5     | 145 | 427.4        | 385.3       | 429.6       | 439.5       | 397.0       | 454.4       | 435.8       |
| 22  | 53.4         | 53.7     | 58.0     | 61.0     | 53.1     | 62.6     | 56.1     | 150 | 454.2        | 409.0       | 456.8       | 467.4       | 421.7       | 482.3       | 463.3       |
| 24  | 56.0         | 56.2     | 60.7     | 63.8     | 55.7     | 65.5     | 58.8     |     |              |             |             |             |             |             |             |
| 26  | 58.8         | 58.8     | 63.5     | 66.7     | 58.3     | 68.5     | 61.6     |     |              |             |             |             |             |             |             |
| 28  | 61.6         | 61.4     | 66.4     | 69.6     | 61.0     | 71.5     | 64.5     |     |              |             |             |             |             |             |             |
| 30  | 64.4         | 64.2     | 69.3     | 72.7     | 63.7     | 74.7     | 67.5     |     |              |             |             |             |             |             |             |
| 32  | 67.4         | 67.0     | 72.4     | 75.8     | 66.6     | 77.9     | 70.5     |     |              |             |             |             |             |             |             |
| 34  | 70.4         | 69.8     | 75.5     | 79.0     | 69.5     | 81.2     | 73.6     |     |              |             |             |             |             |             |             |
| 36  | 73.6         | 72.8     | 78.7     | 82.3     | 72.5     | 84.6     | 76.8     |     |              |             |             |             |             |             |             |
| 38  | 76.8         | 75.8     | 82.0     | 85.7     | 75.6     | 88.0     | 80.1     |     |              |             |             |             |             |             |             |
| 40  | 80.1         | 78.9     | 85.4     | 89.2     | 78.7     | 91.6     | 83.5     |     |              |             |             |             |             |             |             |
| 42  | 83.4         | 82.1     | 88.8     | 92.7     | 81.9     | 95.3     | 87.0     |     |              |             |             |             |             |             |             |
| 44  | 86.9         | 85.4     | 92.4     | 96.4     | 85.3     | 99.0     | 90.5     |     |              |             |             |             |             |             |             |
| 46  | 90.5         | 88.7     | 96.0     | 100.1    | 88.7     | 102.9    | 94.2     |     |              |             |             |             |             |             |             |
| 48  | 94.1         | 92.1     | 99.8     | 104.0    | 92.2     | 106.8    | 97.9     |     |              |             |             |             |             |             |             |
| 50  | 97.9         | 95.6     | 103.6    | 107.9    | 95.7     | 110.8    | 101.8    |     |              |             |             |             |             |             |             |

**REFRIGERANT USES**

- HOT SHOT > R12, R134a, R500, R401A, R401B, R409A, R416A, R420A, RB276
  - ONE SHOT®(C) > R502, R22 (REF), R402A, R402B, R404A, R408A, R507A, R422A
  - NU22B > R22, R407C, R-417A, R-422D
- ALWAYS CHARGE BLENDS IN LIQUID STATE**  
5000 ft Elevation - PSIG + 2.3

**APPROXIMATE PRESSURE CONTROL SETTINGS - PSIG**

| TEMPERATURE | EVAP | HOT SHOT |          | NU-22B   |           | ONE SHOT®(C) |           |
|-------------|------|----------|----------|----------|-----------|--------------|-----------|
|             |      | OUT      | IN       | OUT      | IN        | OUT          | IN        |
| RANGE °F    | TD   |          |          |          |           |              |           |
| 35 to 38    | 15   | 19       | 36       | 32       | 50        | 51           | 89        |
| 32 to 35    | 15   | 16       | 32       | 30       | 54        | 47           | 78        |
| 26 to 29    | 15   | 13       | 28       | 25       | 44        | 41           | 69        |
| -10 to 0    | 10   | <b>3</b> | <b>8</b> | <b>4</b> | <b>18</b> | <b>14</b>    | <b>32</b> |
| -30 to -20  | 10   | N/A      | N/A      | N/A      | N/A       | <b>3</b>     | <b>16</b> |

**BOLD** - Pump down settings