



COMPONENT SPECIALISTS

P.O. Box 500
 899 S. Prairie Lane
 Marshfield, MO 65706
 Phone: (417)859-6067
 Fax: (417)859-2109

Model: HITACHI 4005SC-Z

CAPACITY -1,000 BTU/Hr, 60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R134a

| SCT → | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SST | | | | | | | | | | | | | | | | | | | |
| 14 | 227.7 | 223.5 | 219.4 | 215.2 | 211.0 | 206.8 | 202.6 | 198.3 | 194.1 | 189.8 | 185.5 | 181.2 | 176.8 | 172.5 | 168.1 | 163.8 | 159.4 | 154.9 | 150.5 |
| 16 | 238.8 | 234.4 | 230.1 | 225.7 | 221.3 | 217.0 | 212.6 | 208.2 | 203.8 | 199.3 | 194.9 | 190.4 | 186.0 | 181.5 | 177.0 | 172.5 | 168.0 | 163.5 | 159.0 |
| 18 | 250.4 | 245.9 | 241.4 | 236.8 | 232.3 | 227.7 | 223.1 | 218.6 | 214.0 | 209.4 | 204.8 | 200.2 | 195.6 | 191.0 | 186.3 | 181.7 | 177.1 | 172.4 | 167.8 |
| 20 | 262.7 | 257.9 | 253.2 | 248.5 | 243.7 | 239.0 | 234.2 | 229.5 | 224.7 | 220.0 | 215.2 | 210.4 | 205.6 | 200.9 | 196.1 | 191.3 | 186.5 | 181.7 | 176.9 |
| 22 | --- | 270.6 | 265.6 | 260.7 | 255.8 | 250.8 | 245.9 | 241.0 | 236.0 | 231.1 | 226.1 | 221.1 | 216.2 | 211.2 | 206.2 | 201.3 | 196.3 | 191.3 | 186.3 |
| 24 | --- | 283.8 | 278.6 | 273.5 | 268.4 | 263.2 | 258.1 | 253.0 | 247.8 | 242.7 | 237.5 | 232.3 | 227.2 | 222.0 | 216.8 | 211.7 | 206.5 | 201.3 | 196.1 |
| 26 | --- | 297.5 | 292.2 | 286.9 | 281.5 | 276.2 | 270.8 | 265.5 | 260.1 | 254.8 | 249.4 | 244.0 | 238.6 | 233.3 | 227.9 | 222.5 | 217.1 | 211.7 | 206.3 |
| 28 | --- | --- | 306.3 | 300.8 | 295.2 | 289.6 | 284.1 | 278.5 | 272.9 | 267.4 | 261.8 | 256.2 | 250.6 | 245.0 | 239.4 | 233.7 | 228.1 | 222.5 | 216.9 |
| 30 | --- | --- | 320.9 | 315.2 | 309.4 | 303.6 | 297.9 | 292.1 | 286.3 | 280.4 | 274.6 | 268.8 | 263.0 | 257.1 | 251.3 | 245.4 | 239.6 | 233.7 | 227.8 |
| 32 | --- | --- | 336.1 | 330.1 | 324.1 | 318.1 | 312.1 | 306.1 | 300.1 | 294.0 | 288.0 | 281.9 | 275.9 | 269.8 | 263.7 | 257.6 | 251.5 | 245.4 | 239.2 |
| 34 | --- | --- | --- | 345.6 | 339.4 | 333.2 | 326.9 | 320.7 | 314.4 | 308.1 | 301.8 | 295.5 | 289.2 | 282.9 | 276.5 | 270.2 | 263.8 | 257.4 | 251.0 |
| 36 | --- | --- | --- | 361.6 | 355.2 | 348.7 | 342.2 | 335.7 | 329.2 | 322.7 | 316.2 | 309.6 | 303.0 | 296.4 | 289.9 | 283.2 | 276.6 | 270.0 | 263.3 |
| 38 | --- | --- | --- | 378.1 | 371.4 | 364.7 | 358.0 | 351.3 | 344.5 | 337.7 | 331.0 | 324.2 | 317.3 | 310.5 | 303.6 | 296.8 | 289.9 | 283.0 | 276.0 |
| 40 | --- | --- | --- | --- | 388.2 | 381.2 | 374.3 | 367.3 | 360.3 | 353.3 | 346.3 | 339.2 | 332.1 | 325.0 | 317.9 | 310.8 | 303.6 | 296.4 | 289.2 |
| 42 | --- | --- | --- | --- | 405.4 | 398.3 | 391.1 | 383.8 | 376.6 | 369.3 | 362.0 | 354.7 | 347.4 | 340.0 | 332.6 | 325.2 | 317.8 | 310.4 | 302.9 |
| 44 | --- | --- | --- | --- | 423.2 | 415.7 | 408.3 | 400.8 | 393.3 | 385.8 | 378.3 | 370.7 | 363.1 | 355.5 | 347.9 | 340.2 | 332.5 | 324.8 | 317.1 |
| 46 | --- | --- | --- | --- | --- | 433.7 | 426.0 | 418.3 | 410.5 | 402.8 | 395.0 | 387.2 | 379.3 | 371.5 | 363.6 | 355.7 | 347.8 | 339.8 | 331.8 |
| 48 | --- | --- | --- | --- | --- | 452.1 | 444.2 | 436.2 | 428.2 | 420.2 | 412.2 | 404.1 | 396.0 | 387.9 | 379.8 | 371.7 | 363.5 | 355.3 | 347.1 |
| 50 | --- | --- | --- | --- | --- | 471.0 | 462.8 | 454.6 | 446.4 | 438.1 | 429.9 | 421.6 | 413.2 | 404.9 | 396.5 | 388.2 | 379.8 | 371.3 | 362.9 |
| 52 | --- | --- | --- | --- | --- | --- | 481.9 | 473.5 | 465.0 | 456.5 | 448.0 | 439.5 | 430.9 | 422.4 | 413.8 | 405.2 | 396.6 | 387.9 | 379.2 |
| 54 | --- | --- | --- | --- | --- | --- | 501.4 | 492.8 | 484.1 | 475.3 | 466.6 | 457.9 | 449.1 | 440.3 | 431.5 | 422.7 | 413.9 | 405.0 | 396.2 |
| 56 | --- | --- | --- | --- | --- | --- | --- | 512.5 | 503.6 | 494.6 | 485.7 | 476.7 | 467.8 | 458.8 | 449.8 | 440.8 | 431.8 | 422.8 | 413.7 |
| 58 | --- | --- | --- | --- | --- | --- | --- | 532.7 | 523.5 | 514.4 | 505.2 | 496.1 | 486.9 | 477.7 | 468.6 | 459.4 | 450.2 | 441.1 | 431.9 |
| 60 | --- | --- | --- | --- | --- | --- | --- | 553.3 | 544.0 | 534.6 | 525.2 | 515.9 | 506.6 | 497.2 | 487.9 | 478.6 | 469.3 | 459.9 | 450.6 |
| 62 | --- | --- | --- | --- | --- | --- | --- | --- | 564.8 | 555.3 | 545.7 | 536.2 | 526.7 | 517.2 | 507.7 | 498.3 | 488.9 | 479.4 | 470.0 |
| 64 | --- | --- | --- | --- | --- | --- | --- | --- | 586.1 | 576.4 | 566.7 | 557.0 | 547.3 | 537.7 | 528.1 | 518.6 | 509.1 | 499.6 | 490.1 |

Legend: SCT = Saturated Condensing Temperature, R-134a.
 SST = Saturated Suction Temperature, R-134a.

- Notes: 1. Data subject to a +/- 5% tolerance.
 2. Data based on 9 degrees Fahrenheit Subcooling & Superheat.
 3. --- indicates conditions outside of the approved operating range.
 4. Operation outside the range of 23-59 deg F SST or 95-122 SCT is limited.
 See ACCS publication **AC- 02- 006- 01- 0051** for details.



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Model: HITACHI 4005SC-Z

AMPS - 208V / 3 / 60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R134a

| SCT → | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| SST | | | | | | | | | | | | | | | | | | | |
| 14 | 52.0 | 54.4 | 56.9 | 59.4 | 61.9 | 64.4 | 66.9 | 69.4 | 71.9 | 74.4 | 77.0 | 79.5 | 82.1 | 84.7 | 87.2 | 89.8 | 92.4 | 95.0 | 97.6 |
| 16 | 52.5 | 54.9 | 57.4 | 59.8 | 62.3 | 64.8 | 67.3 | 69.8 | 72.3 | 74.8 | 77.3 | 79.8 | 82.4 | 84.9 | 87.5 | 90.1 | 92.6 | 95.2 | 97.8 |
| 18 | 53.0 | 55.4 | 57.8 | 60.3 | 62.7 | 65.2 | 67.7 | 70.1 | 72.6 | 75.1 | 77.6 | 80.2 | 82.7 | 85.2 | 87.8 | 90.3 | 92.9 | 95.5 | 98.0 |
| 20 | 53.4 | 55.8 | 58.2 | 60.7 | 63.1 | 65.6 | 68.0 | 70.5 | 73.0 | 75.5 | 78.0 | 80.5 | 83.0 | 85.5 | 88.1 | 90.6 | 93.2 | 95.7 | 98.3 |
| 22 | --- | 56.2 | 58.6 | 61.0 | 63.5 | 65.9 | 68.4 | 70.8 | 73.3 | 75.8 | 78.3 | 80.8 | 83.3 | 85.8 | 88.3 | 90.9 | 93.4 | 96.0 | 98.5 |
| 24 | --- | 56.5 | 58.9 | 61.4 | 63.8 | 66.2 | 68.7 | 71.2 | 73.6 | 76.1 | 78.6 | 81.1 | 83.6 | 86.1 | 88.6 | 91.2 | 93.7 | 96.3 | 98.8 |
| 26 | --- | 56.8 | 59.2 | 61.7 | 64.1 | 66.6 | 69.0 | 71.5 | 73.9 | 76.4 | 78.9 | 81.4 | 83.9 | 86.4 | 89.0 | 91.5 | 94.0 | 96.6 | 99.1 |
| 28 | --- | --- | 59.5 | 62.0 | 64.4 | 66.8 | 69.3 | 71.8 | 74.2 | 76.7 | 79.2 | 81.7 | 84.2 | 86.7 | 89.3 | 91.8 | 94.3 | 96.9 | 99.5 |
| 30 | --- | --- | 59.8 | 62.2 | 64.7 | 67.1 | 69.6 | 72.1 | 74.5 | 77.0 | 79.5 | 82.0 | 84.5 | 87.1 | 89.6 | 92.1 | 94.7 | 97.2 | 99.8 |
| 32 | --- | --- | 60.0 | 62.4 | 64.9 | 67.4 | 69.8 | 72.3 | 74.8 | 77.3 | 79.8 | 82.3 | 84.9 | 87.4 | 89.9 | 92.5 | 95.0 | 97.6 | 100.2 |
| 34 | --- | --- | --- | 62.7 | 65.1 | 67.6 | 70.1 | 72.6 | 75.1 | 77.6 | 80.1 | 82.7 | 85.2 | 87.7 | 90.3 | 92.8 | 95.4 | 98.0 | 100.5 |
| 36 | --- | --- | --- | 62.8 | 65.3 | 67.8 | 70.3 | 72.8 | 75.4 | 77.9 | 80.4 | 83.0 | 85.5 | 88.1 | 90.6 | 93.2 | 95.8 | 98.3 | 100.9 |
| 38 | --- | --- | --- | 63.0 | 65.5 | 68.0 | 70.6 | 73.1 | 75.6 | 78.2 | 80.7 | 83.3 | 85.8 | 88.4 | 91.0 | 93.6 | 96.2 | 98.7 | 101.3 |
| 40 | --- | --- | --- | --- | 65.7 | 68.2 | 70.8 | 73.3 | 75.9 | 78.4 | 81.0 | 83.6 | 86.2 | 88.8 | 91.3 | 93.9 | 96.5 | 99.2 | 101.8 |
| 42 | --- | --- | --- | --- | 65.9 | 68.4 | 71.0 | 73.6 | 76.1 | 78.7 | 81.3 | 83.9 | 86.5 | 89.1 | 91.7 | 94.3 | 97.0 | 99.6 | 102.2 |
| 44 | --- | --- | --- | --- | 66.0 | 68.6 | 71.2 | 73.8 | 76.4 | 79.0 | 81.6 | 84.2 | 86.8 | 89.5 | 92.1 | 94.7 | 97.4 | 100.0 | 102.7 |
| 46 | --- | --- | --- | --- | --- | 68.8 | 71.4 | 74.0 | 76.6 | 79.3 | 81.9 | 84.5 | 87.2 | 89.8 | 92.5 | 95.1 | 97.8 | 100.5 | 103.1 |
| 48 | --- | --- | --- | --- | --- | 68.9 | 71.6 | 74.2 | 76.9 | 79.5 | 82.2 | 84.9 | 87.5 | 90.2 | 92.9 | 95.6 | 98.3 | 100.9 | 103.6 |
| 50 | --- | --- | --- | --- | --- | 69.1 | 71.7 | 74.4 | 77.1 | 79.8 | 82.5 | 85.2 | 87.9 | 90.6 | 93.3 | 96.0 | 98.7 | 101.4 | 104.1 |
| 52 | --- | --- | --- | --- | --- | --- | 71.9 | 74.6 | 77.4 | 80.1 | 82.8 | 85.5 | 88.2 | 91.0 | 93.7 | 96.4 | 99.2 | 101.9 | 104.6 |
| 54 | --- | --- | --- | --- | --- | --- | 72.1 | 74.8 | 77.6 | 80.4 | 83.1 | 85.9 | 88.6 | 91.4 | 94.1 | 96.9 | 99.6 | 102.4 | 105.2 |
| 56 | --- | --- | --- | --- | --- | --- | --- | 75.1 | 77.8 | 80.6 | 83.4 | 86.2 | 89.0 | 91.8 | 94.6 | 97.3 | 100.1 | 102.9 | 105.7 |
| 58 | --- | --- | --- | --- | --- | --- | --- | 75.3 | 78.1 | 80.9 | 83.7 | 86.5 | 89.4 | 92.2 | 95.0 | 97.8 | 100.6 | 103.4 | 106.2 |
| 60 | --- | --- | --- | --- | --- | --- | --- | 75.5 | 78.3 | 81.2 | 84.0 | 86.9 | 89.7 | 92.6 | 95.4 | 98.3 | 101.1 | 104.0 | 106.8 |
| 62 | --- | --- | --- | --- | --- | --- | --- | --- | 78.6 | 81.5 | 84.4 | 87.2 | 90.1 | 93.0 | 95.9 | 98.8 | 101.6 | 104.5 | 107.4 |
| 64 | --- | --- | --- | --- | --- | --- | --- | --- | 78.8 | 81.8 | 84.7 | 87.6 | 90.5 | 93.4 | 96.3 | 99.2 | 102.1 | 105.0 | 107.9 |

Legend: SCT = Saturated Condensing Temperature, R-134a.
 SST = Saturated Suction Temperature, R-134a.

- Notes: 1. Data subject to a +/- 5% tolerance.
 2. Data based on 9 degrees Fahrenheit Subcooling & Superheat.
 3. --- indicates conditions outside of the approved operating range.
 4. Operation outside the range of 23-59 deg F SST or 95-122 SCT is limited.
 See ACCS publication **AC- 02- 006- 01- 0051** for details.



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Model: HITACHI 4005SC-Z

AMPS - 230V / 3 / 60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R134a

| SCT → | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| SST | | | | | | | | | | | | | | | | | | | |
| 14 | 58.3 | 60.1 | 62.1 | 64.0 | 66.0 | 68.0 | 70.0 | 72.1 | 74.2 | 76.3 | 78.5 | 80.7 | 82.9 | 85.1 | 87.3 | 89.6 | 91.8 | 94.1 | 96.4 |
| 16 | 58.6 | 60.5 | 62.4 | 64.3 | 66.3 | 68.3 | 70.4 | 72.4 | 74.6 | 76.7 | 78.8 | 81.0 | 83.2 | 85.4 | 87.7 | 89.9 | 92.2 | 94.4 | 96.7 |
| 18 | 58.9 | 60.8 | 62.7 | 64.6 | 66.6 | 68.6 | 70.7 | 72.8 | 74.9 | 77.0 | 79.2 | 81.3 | 83.5 | 85.8 | 88.0 | 90.2 | 92.5 | 94.8 | 97.1 |
| 20 | 59.2 | 61.1 | 63.0 | 65.0 | 66.9 | 69.0 | 71.0 | 73.1 | 75.2 | 77.3 | 79.5 | 81.7 | 83.9 | 86.1 | 88.3 | 90.6 | 92.9 | 95.1 | 97.4 |
| 22 | --- | 61.4 | 63.3 | 65.3 | 67.3 | 69.3 | 71.3 | 73.4 | 75.5 | 77.7 | 79.8 | 82.0 | 84.2 | 86.4 | 88.7 | 90.9 | 93.2 | 95.5 | 97.8 |
| 24 | --- | 61.7 | 63.6 | 65.6 | 67.6 | 69.6 | 71.7 | 73.8 | 75.9 | 78.0 | 80.2 | 82.4 | 84.6 | 86.8 | 89.0 | 91.3 | 93.6 | 95.8 | 98.1 |
| 26 | --- | 62.0 | 63.9 | 65.9 | 67.9 | 69.9 | 72.0 | 74.1 | 76.2 | 78.3 | 80.5 | 82.7 | 84.9 | 87.1 | 89.4 | 91.6 | 93.9 | 96.2 | 98.5 |
| 28 | --- | --- | 64.2 | 66.2 | 68.2 | 70.2 | 72.3 | 74.4 | 76.5 | 78.7 | 80.8 | 83.0 | 85.2 | 87.5 | 89.7 | 92.0 | 94.2 | 96.5 | 98.8 |
| 30 | --- | --- | 64.5 | 66.5 | 68.5 | 70.5 | 72.6 | 74.7 | 76.8 | 79.0 | 81.1 | 83.3 | 85.6 | 87.8 | 90.0 | 92.3 | 94.6 | 96.9 | 99.2 |
| 32 | --- | --- | 64.8 | 66.8 | 68.8 | 70.8 | 72.9 | 75.0 | 77.1 | 79.3 | 81.5 | 83.7 | 85.9 | 88.1 | 90.4 | 92.6 | 94.9 | 97.2 | 99.5 |
| 34 | --- | --- | --- | 67.1 | 69.1 | 71.1 | 73.2 | 75.3 | 77.4 | 79.6 | 81.8 | 84.0 | 86.2 | 88.4 | 90.7 | 93.0 | 95.3 | 97.6 | 99.9 |
| 36 | --- | --- | --- | 67.3 | 69.3 | 71.4 | 73.5 | 75.6 | 77.7 | 79.9 | 82.1 | 84.3 | 86.5 | 88.7 | 91.0 | 93.3 | 95.6 | 97.9 | 100.2 |
| 38 | --- | --- | --- | 67.6 | 69.6 | 71.7 | 73.7 | 75.9 | 78.0 | 80.2 | 82.4 | 84.6 | 86.8 | 89.1 | 91.3 | 93.6 | 95.9 | 98.2 | 100.5 |
| 40 | --- | --- | --- | --- | 69.9 | 71.9 | 74.0 | 76.1 | 78.3 | 80.4 | 82.6 | 84.9 | 87.1 | 89.4 | 91.6 | 93.9 | 96.2 | 98.6 | 100.9 |
| 42 | --- | --- | --- | --- | 70.1 | 72.2 | 74.3 | 76.4 | 78.5 | 80.7 | 82.9 | 85.1 | 87.4 | 89.7 | 91.9 | 94.2 | 96.6 | 98.9 | 101.2 |
| 44 | --- | --- | --- | --- | 70.3 | 72.4 | 74.5 | 76.6 | 78.8 | 81.0 | 83.2 | 85.4 | 87.7 | 90.0 | 92.2 | 94.5 | 96.9 | 99.2 | 101.5 |
| 46 | --- | --- | --- | --- | --- | 72.6 | 74.7 | 76.9 | 79.0 | 81.2 | 83.4 | 85.7 | 88.0 | 90.2 | 92.5 | 94.8 | 97.2 | 99.5 | 101.9 |
| 48 | --- | --- | --- | --- | --- | 72.8 | 74.9 | 77.1 | 79.3 | 81.5 | 83.7 | 85.9 | 88.2 | 90.5 | 92.8 | 95.1 | 97.5 | 99.8 | 102.2 |
| 50 | --- | --- | --- | --- | --- | 73.0 | 75.1 | 77.3 | 79.5 | 81.7 | 83.9 | 86.2 | 88.5 | 90.8 | 93.1 | 95.4 | 97.8 | 100.1 | 102.5 |
| 52 | --- | --- | --- | --- | --- | --- | 75.3 | 77.5 | 79.7 | 81.9 | 84.2 | 86.4 | 88.7 | 91.0 | 93.4 | 95.7 | 98.1 | 100.4 | 102.8 |
| 54 | --- | --- | --- | --- | --- | --- | 75.5 | 77.7 | 79.9 | 82.1 | 84.4 | 86.7 | 89.0 | 91.3 | 93.6 | 96.0 | 98.3 | 100.7 | 103.1 |
| 56 | --- | --- | --- | --- | --- | --- | --- | 77.8 | 80.1 | 82.3 | 84.6 | 86.9 | 89.2 | 91.5 | 93.9 | 96.2 | 98.6 | 101.0 | 103.4 |
| 58 | --- | --- | --- | --- | --- | --- | --- | 78.0 | 80.2 | 82.5 | 84.8 | 87.1 | 89.4 | 91.7 | 94.1 | 96.5 | 98.9 | 101.3 | 103.7 |
| 60 | --- | --- | --- | --- | --- | --- | --- | 78.1 | 80.4 | 82.6 | 84.9 | 87.3 | 89.6 | 92.0 | 94.3 | 96.7 | 99.1 | 101.6 | 104.0 |
| 62 | --- | --- | --- | --- | --- | --- | --- | --- | 80.5 | 82.8 | 85.1 | 87.4 | 89.8 | 92.2 | 94.6 | 97.0 | 99.4 | 101.8 | 104.3 |
| 64 | --- | --- | --- | --- | --- | --- | --- | --- | 80.6 | 82.9 | 85.2 | 87.6 | 90.0 | 92.4 | 94.8 | 97.2 | 99.6 | 102.1 | 104.5 |

Legend: SCT = Saturated Condensing Temperature, R-134a.
 SST = Saturated Suction Temperature, R-134a.

- Notes: 1. Data subject to a +/- 5% tolerance.
 2. Data based on 9 degrees Fahrenheit Subcooling & Superheat.
 3. --- indicates conditions outside of the approved operating range.
 4. Operation outside the range of 23-59 deg F SST or 95-122 SCT is limited.
 See ACCS publication **AC-02-006-01-0051** for details.



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 Fax: (417)859-2109

Model: HITACHI 4005SC-Z

AMPS - 460V / 3 / 60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R134a

| SCT → | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| SST | | | | | | | | | | | | | | | | | | | |
| 14 | 27.6 | 28.6 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.8 | 35.8 | 36.8 | 37.9 | 38.9 | 40.0 | 41.0 | 42.1 | 43.1 | 44.2 | 45.2 | 46.3 |
| 16 | 27.7 | 28.7 | 29.8 | 30.8 | 31.8 | 32.8 | 33.9 | 34.9 | 35.9 | 37.0 | 38.0 | 39.1 | 40.1 | 41.2 | 42.2 | 43.3 | 44.3 | 45.4 | 46.5 |
| 18 | 27.8 | 28.8 | 29.9 | 30.9 | 31.9 | 33.0 | 34.0 | 35.0 | 36.1 | 37.1 | 38.2 | 39.2 | 40.3 | 41.3 | 42.4 | 43.5 | 44.5 | 45.6 | 46.6 |
| 20 | 27.9 | 28.9 | 29.9 | 31.0 | 32.0 | 33.1 | 34.1 | 35.2 | 36.2 | 37.3 | 38.3 | 39.4 | 40.4 | 41.5 | 42.6 | 43.6 | 44.7 | 45.7 | 46.8 |
| 22 | --- | 29.0 | 30.0 | 31.1 | 32.1 | 33.2 | 34.2 | 35.3 | 36.4 | 37.4 | 38.5 | 39.5 | 40.6 | 41.7 | 42.7 | 43.8 | 44.9 | 45.9 | 47.0 |
| 24 | --- | 29.1 | 30.1 | 31.2 | 32.3 | 33.3 | 34.4 | 35.4 | 36.5 | 37.6 | 38.6 | 39.7 | 40.7 | 41.8 | 42.9 | 43.9 | 45.0 | 46.1 | 47.2 |
| 26 | --- | 29.2 | 30.2 | 31.3 | 32.4 | 33.4 | 34.5 | 35.6 | 36.6 | 37.7 | 38.8 | 39.8 | 40.9 | 42.0 | 43.0 | 44.1 | 45.2 | 46.3 | 47.3 |
| 28 | --- | --- | 30.3 | 31.4 | 32.5 | 33.5 | 34.6 | 35.7 | 36.8 | 37.8 | 38.9 | 40.0 | 41.0 | 42.1 | 43.2 | 44.3 | 45.4 | 46.4 | 47.5 |
| 30 | --- | --- | 30.4 | 31.5 | 32.6 | 33.7 | 34.7 | 35.8 | 36.9 | 38.0 | 39.0 | 40.1 | 41.2 | 42.3 | 43.4 | 44.4 | 45.5 | 46.6 | 47.7 |
| 32 | --- | --- | 30.5 | 31.6 | 32.7 | 33.8 | 34.8 | 35.9 | 37.0 | 38.1 | 39.2 | 40.3 | 41.3 | 42.4 | 43.5 | 44.6 | 45.7 | 46.8 | 47.9 |
| 34 | --- | --- | --- | 31.7 | 32.8 | 33.9 | 35.0 | 36.1 | 37.1 | 38.2 | 39.3 | 40.4 | 41.5 | 42.6 | 43.7 | 44.8 | 45.8 | 46.9 | 48.0 |
| 36 | --- | --- | --- | 31.8 | 32.9 | 34.0 | 35.1 | 36.2 | 37.3 | 38.4 | 39.5 | 40.5 | 41.6 | 42.7 | 43.8 | 44.9 | 46.0 | 47.1 | 48.2 |
| 38 | --- | --- | --- | 31.9 | 33.0 | 34.1 | 35.2 | 36.3 | 37.4 | 38.5 | 39.6 | 40.7 | 41.8 | 42.9 | 44.0 | 45.1 | 46.2 | 47.3 | 48.4 |
| 40 | --- | --- | --- | --- | 33.1 | 34.2 | 35.3 | 36.4 | 37.5 | 38.6 | 39.7 | 40.8 | 41.9 | 43.0 | 44.1 | 45.2 | 46.3 | 47.5 | 48.6 |
| 42 | --- | --- | --- | --- | 33.2 | 34.3 | 35.4 | 36.5 | 37.6 | 38.8 | 39.9 | 41.0 | 42.1 | 43.2 | 44.3 | 45.4 | 46.5 | 47.6 | 48.7 |
| 44 | --- | --- | --- | --- | 33.3 | 34.4 | 35.5 | 36.7 | 37.8 | 38.9 | 40.0 | 41.1 | 42.2 | 43.3 | 44.4 | 45.6 | 46.7 | 47.8 | 48.9 |
| 46 | --- | --- | --- | --- | --- | 34.5 | 35.7 | 36.8 | 37.9 | 39.0 | 40.1 | 41.2 | 42.4 | 43.5 | 44.6 | 45.7 | 46.8 | 48.0 | 49.1 |
| 48 | --- | --- | --- | --- | --- | 34.7 | 35.8 | 36.9 | 38.0 | 39.1 | 40.3 | 41.4 | 42.5 | 43.6 | 44.8 | 45.9 | 47.0 | 48.1 | 49.3 |
| 50 | --- | --- | --- | --- | --- | 34.8 | 35.9 | 37.0 | 38.1 | 39.3 | 40.4 | 41.5 | 42.7 | 43.8 | 44.9 | 46.0 | 47.2 | 48.3 | 49.5 |
| 52 | --- | --- | --- | --- | --- | --- | 36.0 | 37.1 | 38.3 | 39.4 | 40.5 | 41.7 | 42.8 | 43.9 | 45.1 | 46.2 | 47.3 | 48.5 | 49.6 |
| 54 | --- | --- | --- | --- | --- | --- | 36.1 | 37.2 | 38.4 | 39.5 | 40.7 | 41.8 | 42.9 | 44.1 | 45.2 | 46.4 | 47.5 | 48.7 | 49.8 |
| 56 | --- | --- | --- | --- | --- | --- | --- | 37.4 | 38.5 | 39.6 | 40.8 | 41.9 | 43.1 | 44.2 | 45.4 | 46.5 | 47.7 | 48.8 | 50.0 |
| 58 | --- | --- | --- | --- | --- | --- | --- | 37.5 | 38.6 | 39.8 | 40.9 | 42.1 | 43.2 | 44.4 | 45.5 | 46.7 | 47.9 | 49.0 | 50.2 |
| 60 | --- | --- | --- | --- | --- | --- | --- | 37.6 | 38.7 | 39.9 | 41.1 | 42.2 | 43.4 | 44.5 | 45.7 | 46.9 | 48.0 | 49.2 | 50.4 |
| 62 | --- | --- | --- | --- | --- | --- | --- | --- | 38.9 | 40.0 | 41.2 | 42.3 | 43.5 | 44.7 | 45.8 | 47.0 | 48.2 | 49.4 | 50.6 |
| 64 | --- | --- | --- | --- | --- | --- | --- | --- | 39.0 | 40.1 | 41.3 | 42.5 | 43.7 | 44.8 | 46.0 | 47.2 | 48.4 | 49.6 | 50.8 |

Legend: SCT = Saturated Condensing Temperature, R-134a.
 SST = Saturated Suction Temperature, R-134a.

- Notes: 1. Data subject to a +/- 5% tolerance.
 2. Data based on 9 degrees Fahrenheit Subcooling & Superheat.
 3. - - - indicates conditions outside of the approved operating range.
 4. Operation outside the range of 23-59 deg F SST or 95-122 SCT is limited.
 See ACCS publication **AC- 02- 006- 01- 0051** for details.



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Model: HITACHI 4005SC-Z

COMPONENT SPECIALISTS

KILOWATTS - 60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R134a

| SCT → | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| SST | | | | | | | | | | | | | | | | | | | |
| 14 | 14.9 | 15.8 | 16.7 | 17.6 | 18.5 | 19.4 | 20.4 | 21.3 | 22.2 | 23.2 | 24.1 | 25.1 | 26.1 | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 |
| 16 | 14.9 | 15.8 | 16.7 | 17.6 | 18.5 | 19.5 | 20.4 | 21.3 | 22.3 | 23.2 | 24.2 | 25.1 | 26.1 | 27.1 | 28.1 | 29.1 | 30.0 | 31.0 | 32.0 |
| 18 | 14.9 | 15.8 | 16.7 | 17.7 | 18.6 | 19.5 | 20.5 | 21.4 | 22.3 | 23.3 | 24.2 | 25.2 | 26.2 | 27.2 | 28.1 | 29.1 | 30.1 | 31.1 | 32.1 |
| 20 | 15.0 | 15.9 | 16.8 | 17.7 | 18.7 | 19.6 | 20.5 | 21.5 | 22.4 | 23.4 | 24.3 | 25.3 | 26.3 | 27.2 | 28.2 | 29.2 | 30.2 | 31.2 | 32.2 |
| 22 | --- | 16.0 | 16.9 | 17.8 | 18.8 | 19.7 | 20.6 | 21.6 | 22.5 | 23.5 | 24.4 | 25.4 | 26.4 | 27.3 | 28.3 | 29.3 | 30.3 | 31.3 | 32.3 |
| 24 | --- | 16.1 | 17.0 | 18.0 | 18.9 | 19.8 | 20.7 | 21.7 | 22.6 | 23.6 | 24.5 | 25.5 | 26.5 | 27.4 | 28.4 | 29.4 | 30.4 | 31.4 | 32.3 |
| 26 | --- | 16.2 | 17.2 | 18.1 | 19.0 | 19.9 | 20.9 | 21.8 | 22.7 | 23.7 | 24.6 | 25.6 | 26.6 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.4 |
| 28 | --- | --- | 17.3 | 18.2 | 19.1 | 20.1 | 21.0 | 21.9 | 22.9 | 23.8 | 24.8 | 25.7 | 26.7 | 27.7 | 28.6 | 29.6 | 30.6 | 31.6 | 32.5 |
| 30 | --- | --- | 17.4 | 18.4 | 19.3 | 20.2 | 21.1 | 22.1 | 23.0 | 24.0 | 24.9 | 25.9 | 26.8 | 27.8 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 |
| 32 | --- | --- | 17.6 | 18.5 | 19.4 | 20.4 | 21.3 | 22.2 | 23.2 | 24.1 | 25.0 | 26.0 | 26.9 | 27.9 | 28.9 | 29.8 | 30.8 | 31.8 | 32.8 |
| 34 | --- | --- | --- | 18.7 | 19.6 | 20.5 | 21.4 | 22.4 | 23.3 | 24.2 | 25.2 | 26.1 | 27.1 | 28.0 | 29.0 | 30.0 | 30.9 | 31.9 | 32.9 |
| 36 | --- | --- | --- | 18.8 | 19.7 | 20.6 | 21.6 | 22.5 | 23.4 | 24.4 | 25.3 | 26.3 | 27.2 | 28.2 | 29.1 | 30.1 | 31.1 | 32.0 | 33.0 |
| 38 | --- | --- | --- | 18.9 | 19.9 | 20.8 | 21.7 | 22.7 | 23.6 | 24.5 | 25.5 | 26.4 | 27.4 | 28.3 | 29.3 | 30.3 | 31.2 | 32.2 | 33.2 |
| 40 | --- | --- | --- | --- | 20.0 | 20.9 | 21.9 | 22.8 | 23.7 | 24.7 | 25.6 | 26.6 | 27.5 | 28.5 | 29.4 | 30.4 | 31.4 | 32.3 | 33.3 |
| 42 | --- | --- | --- | --- | 20.1 | 21.1 | 22.0 | 22.9 | 23.9 | 24.8 | 25.8 | 26.7 | 27.7 | 28.6 | 29.6 | 30.6 | 31.5 | 32.5 | 33.5 |
| 44 | --- | --- | --- | --- | 20.2 | 21.2 | 22.1 | 23.1 | 24.0 | 24.9 | 25.9 | 26.9 | 27.8 | 28.8 | 29.7 | 30.7 | 31.7 | 32.7 | 33.6 |
| 46 | --- | --- | --- | --- | --- | 21.3 | 22.2 | 23.2 | 24.1 | 25.1 | 26.0 | 27.0 | 28.0 | 28.9 | 29.9 | 30.9 | 31.8 | 32.8 | 33.8 |
| 48 | --- | --- | --- | --- | --- | 21.3 | 22.3 | 23.3 | 24.2 | 25.2 | 26.2 | 27.1 | 28.1 | 29.1 | 30.1 | 31.0 | 32.0 | 33.0 | 34.0 |
| 50 | --- | --- | --- | --- | --- | 21.4 | 22.4 | 23.3 | 24.3 | 25.3 | 26.3 | 27.3 | 28.2 | 29.2 | 30.2 | 31.2 | 32.2 | 33.2 | 34.2 |
| 52 | --- | --- | --- | --- | --- | --- | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 29.4 | 30.4 | 31.4 | 32.4 | 33.4 | 34.4 |
| 54 | --- | --- | --- | --- | --- | --- | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.6 | 34.6 |
| 56 | --- | --- | --- | --- | --- | --- | --- | 23.5 | 24.5 | 25.5 | 26.5 | 27.6 | 28.6 | 29.6 | 30.7 | 31.7 | 32.7 | 33.8 | 34.8 |
| 58 | --- | --- | --- | --- | --- | --- | --- | 23.5 | 24.5 | 25.6 | 26.6 | 27.7 | 28.7 | 29.8 | 30.8 | 31.9 | 32.9 | 34.0 | 35.0 |
| 60 | --- | --- | --- | --- | --- | --- | --- | 23.4 | 24.5 | 25.6 | 26.7 | 27.7 | 28.8 | 29.9 | 30.9 | 32.0 | 33.1 | 34.2 | 35.2 |
| 62 | --- | --- | --- | --- | --- | --- | --- | --- | 24.5 | 25.6 | 26.7 | 27.8 | 28.9 | 30.0 | 31.1 | 32.2 | 33.3 | 34.4 | 35.5 |
| 64 | --- | --- | --- | --- | --- | --- | --- | --- | 24.4 | 25.5 | 26.7 | 27.8 | 28.9 | 30.1 | 31.2 | 32.3 | 33.5 | 34.6 | 35.7 |

Legend: SCT = Saturated Condensing Temperature, R-134a.
 SST = Saturated Suction Temperature, R-134a.

- Notes:
1. Data subject to a +/- 5% tolerance.
 2. Data based on 9 degrees Fahrenheit Subcooling & Superheat.
 3. --- indicates conditions outside of the approved operating range.
 4. Operation outside the range of 23-59 deg F SST or 95-122 SCT is limited.
 See ACCS publication **AC- 02- 006- 01- 0051** for details.