



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

Model: HITACHI 4005SC-Z

COMPONENT SPECIALISTS

CAPACITY- 1,000 BTU/Hr. - 60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R-407c

SCT →	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140
SST																						
5	328.8	318.8	309.0	299.4	290.0	280.8	271.8	263.0	254.4	245.9	237.7	229.7	221.9	214.3	206.9	199.6	192.6	185.8	179.1	172.7	166.4	160.4
10	368.9	358.4	348.1	338.0	328.0	318.2	308.6	299.2	289.9	280.8	271.9	263.2	254.6	246.3	238.1	230.0	222.2	214.5	207.0	199.7	192.5	185.6
15	413.6	402.5	391.6	380.8	370.2	359.8	349.4	339.3	329.3	319.5	309.8	300.3	290.9	281.7	272.6	263.8	255.0	246.5	238.1	229.8	221.7	213.8
20	463.2	451.4	439.8	428.2	416.8	405.6	394.5	383.5	372.7	362.0	351.4	341.0	330.8	320.7	310.7	300.9	291.3	281.8	272.4	263.2	254.2	245.3
25	518.0	505.3	492.8	480.4	468.1	455.9	443.9	432.0	420.2	408.6	397.1	385.7	374.5	363.4	352.4	341.7	331.0	320.5	310.2	300.0	290.0	280.1
30	578.2	564.5	550.9	537.5	524.1	510.9	497.8	484.8	472.0	459.3	446.7	434.3	422.0	409.9	397.9	386.1	374.4	362.9	351.5	340.3	329.3	318.4
31	591.0	577.0	563.2	549.5	535.9	522.5	509.2	496.0	482.9	470.0	457.2	444.5	432.0	419.7	407.5	395.4	383.5	371.8	360.2	348.8	337.6	326.5
32	603.9	589.7	575.7	561.8	547.9	534.2	520.7	507.3	494.0	480.8	467.8	454.9	442.2	429.6	417.2	404.9	392.8	380.8	369.0	357.4	346.0	334.7
33	617.1	602.7	588.4	574.2	560.2	546.2	532.4	518.7	505.2	491.8	478.6	465.4	452.5	439.7	427.0	414.5	402.2	390.0	378.0	366.2	354.6	343.1
34	630.5	615.9	601.3	586.9	572.6	558.4	544.3	530.4	516.6	503.0	489.5	476.2	463.0	449.9	437.0	424.3	411.8	399.4	387.2	375.2	363.3	351.6
35	644.2	629.3	614.5	599.8	585.2	570.8	556.5	542.3	528.2	514.4	500.6	487.0	473.6	460.3	447.2	434.3	421.5	408.9	396.5	384.2	372.2	360.3
36	658.1	642.9	627.8	612.9	598.0	583.3	568.8	554.3	540.0	525.9	511.9	498.1	484.4	470.9	457.6	444.4	431.4	418.6	405.9	393.5	381.2	369.2
37	672.2	656.8	641.4	626.2	611.1	596.1	581.3	566.6	552.0	537.6	523.4	509.3	495.4	481.6	468.1	454.6	441.4	428.4	415.5	402.9	390.4	378.1
38	686.6	670.9	655.2	639.7	624.3	609.1	594.0	579.0	564.2	549.5	535.0	520.7	506.5	492.5	478.7	465.1	451.6	438.3	425.3	412.4	399.7	387.3
39	701.3	685.2	669.3	653.5	637.8	622.3	606.9	591.6	576.6	561.6	546.9	532.3	517.8	503.6	489.5	475.7	462.0	448.5	435.2	422.1	409.2	396.6
40	---	699.8	683.6	667.5	651.5	635.7	620.0	604.5	589.1	573.9	558.9	544.0	529.3	514.8	500.5	486.4	472.5	458.8	445.2	432.0	418.9	406.0
41	---	714.6	698.1	681.7	665.4	649.3	633.3	617.5	601.8	586.4	571.0	555.9	541.0	526.2	511.7	497.3	483.1	469.2	455.5	442.0	428.7	415.6
42	---	729.7	712.8	696.1	679.5	663.1	646.8	630.7	614.8	599.0	583.4	568.0	552.8	537.8	523.0	508.4	494.0	479.8	465.8	452.1	438.6	425.4
43	---	745.0	727.8	710.8	693.9	677.1	660.5	644.1	627.9	611.8	596.0	580.3	564.8	549.5	534.5	519.6	505.0	490.6	476.4	462.5	448.8	435.3
44	---	760.6	743.0	725.7	708.4	691.4	674.5	657.7	641.2	624.8	608.7	592.7	577.0	561.4	546.1	531.0	516.1	501.5	487.1	472.9	459.0	445.4
45	---	---	758.5	740.8	723.2	705.8	688.6	671.6	654.7	638.1	621.6	605.3	589.3	573.5	557.9	542.6	527.4	512.6	497.9	483.6	469.5	455.6
46	---	---	774.2	756.1	738.2	720.5	702.9	685.6	668.4	651.4	634.7	618.2	601.8	585.7	569.9	554.3	538.9	523.8	509.0	494.4	480.1	466.1
47	---	---	790.2	771.7	753.5	735.4	717.5	699.8	682.3	665.0	648.0	631.1	614.5	598.2	582.0	566.2	550.6	535.2	520.1	505.3	490.8	476.6
48	---	---	806.4	787.6	768.9	750.5	732.3	714.2	696.4	678.8	661.4	644.3	627.4	610.8	594.4	578.2	562.4	546.8	531.5	516.5	501.8	487.4
49	---	---	---	803.6	784.6	765.8	747.2	728.9	710.7	692.8	675.1	657.7	640.5	623.5	606.9	590.5	574.4	558.5	543.0	527.8	512.9	498.3
50	---	---	---	819.9	800.6	781.4	762.4	743.7	725.2	707.0	688.9	671.2	653.7	636.5	619.5	602.9	586.5	570.4	554.7	539.2	524.1	509.3

Legend: SCT = Saturated Condensing Temperature, R-407c.
 SST = Saturated Suction Temperature, R-407c.

- 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 14-46 deg F SST or 95-130 SCT is limited.
 See ACCS publication **AC- 02- 006- 01- 0051** for details.



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Model: HITACHI 4005SC-Z

AMPS - 208/3/60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R-407c

SCT →	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	
SST																							
5	68.3	72.5	76.7	80.9	85.0	89.1	93.1	97.2	101.4	105.5	109.8	114.1	118.5	123.0	127.7	132.5	137.5	142.7	148.0	153.6	159.5	165.5	
10	70.0	74.1	78.2	82.2	86.2	90.2	94.2	98.2	102.3	106.4	110.6	114.9	119.3	123.9	128.6	133.4	138.4	143.7	149.1	154.8	160.7	166.9	
15	72.0	76.0	80.0	83.9	87.9	91.8	95.7	99.7	103.7	107.8	112.0	116.3	120.6	125.2	129.9	134.7	139.8	145.0	150.5	156.2	162.2	168.5	
20	74.2	78.2	82.1	86.0	89.9	93.7	97.6	101.6	105.6	109.6	113.8	118.0	122.4	126.9	131.6	136.5	141.5	146.8	152.3	158.0	164.0	170.3	
25	76.6	80.6	84.5	88.3	92.2	96.1	99.9	103.9	107.8	111.9	116.0	120.3	124.6	129.2	133.8	138.7	143.7	149.0	154.5	160.2	166.2	172.5	
30	79.1	83.1	87.0	90.9	94.8	98.7	102.6	106.5	110.5	114.6	118.7	123.0	127.3	131.8	136.5	141.3	146.4	151.6	157.1	162.8	168.7	175.0	
31	79.6	83.6	87.6	91.5	95.4	99.3	103.2	107.1	111.1	115.2	119.3	123.6	127.9	132.4	137.1	141.9	146.9	152.2	157.6	163.3	169.3	175.5	
32	80.1	84.2	88.1	92.1	96.0	99.9	103.8	107.7	111.7	115.8	119.9	124.2	128.5	133.0	137.7	142.5	147.5	152.8	158.2	163.9	169.9	176.1	
33	80.7	84.7	88.7	92.6	96.5	100.5	104.4	108.3	112.3	116.4	120.6	124.8	129.2	133.7	138.3	143.2	148.2	153.4	158.8	164.5	170.5	176.7	
34	81.2	85.2	89.2	93.2	97.1	101.1	105.0	109.0	113.0	117.0	121.2	125.5	129.8	134.3	139.0	143.8	148.8	154.0	159.5	165.2	171.1	177.3	
35	81.7	85.8	89.8	93.8	97.7	101.7	105.6	109.6	113.6	117.7	121.9	126.1	130.5	135.0	139.6	144.5	149.5	154.7	160.1	165.8	171.7	177.9	
36	82.2	86.3	90.4	94.4	98.4	102.3	106.3	110.3	114.3	118.4	122.5	126.8	131.2	135.7	140.3	145.2	150.2	155.4	160.8	166.5	172.4	178.6	
37	82.8	86.9	91.0	95.0	99.0	103.0	106.9	110.9	115.0	119.1	123.2	127.5	131.9	136.4	141.0	145.9	150.9	156.1	161.5	167.1	173.0	179.2	
38	83.3	87.5	91.6	95.6	99.6	103.6	107.6	111.6	115.7	119.8	124.0	128.2	132.6	137.1	141.8	146.6	151.6	156.8	162.2	167.8	173.7	179.9	
39	83.8	88.0	92.1	96.2	100.3	104.3	108.3	112.3	116.4	120.5	124.7	129.0	133.4	137.9	142.5	147.3	152.3	157.5	162.9	168.6	174.4	180.6	
40	---	88.6	92.7	96.8	100.9	104.9	109.0	113.0	117.1	121.2	125.4	129.7	134.1	138.6	143.3	148.1	153.1	158.3	163.7	169.3	175.2	181.3	
41	---	89.2	93.3	97.5	101.6	105.6	109.7	113.7	117.8	122.0	126.2	130.5	134.9	139.4	144.1	148.9	153.9	159.0	164.4	170.1	175.9	182.0	
42	---	89.7	93.9	98.1	102.2	106.3	110.4	114.5	118.6	122.8	127.0	131.3	135.7	140.2	144.9	149.7	154.7	159.8	165.2	170.8	176.7	182.8	
43	---	90.3	94.6	98.8	102.9	107.0	111.1	115.2	119.4	123.5	127.8	132.1	136.5	141.0	145.7	150.5	155.5	160.7	166.0	171.6	177.5	183.6	
44	---	90.9	95.2	99.4	103.6	107.7	111.9	116.0	120.2	124.3	128.6	132.9	137.4	141.9	146.5	151.4	156.3	161.5	166.9	172.5	178.3	184.4	
45	---	---	95.8	100.1	104.3	108.5	112.6	116.8	121.0	125.2	129.4	133.8	138.2	142.7	147.4	152.2	157.2	162.4	167.7	173.3	179.1	185.2	
46	---	---	96.4	100.7	105.0	109.2	113.4	117.6	121.8	126.0	130.3	134.6	139.1	143.6	148.3	153.1	158.1	163.3	168.6	174.2	180.0	186.0	
47	---	---	97.0	101.4	105.7	109.9	114.2	118.4	122.6	126.9	131.2	135.5	140.0	144.5	149.2	154.0	159.0	164.2	169.5	175.1	180.9	186.9	
48	---	---	97.7	102.1	106.4	110.7	114.9	119.2	123.4	127.7	132.0	136.4	140.9	145.5	150.1	155.0	159.9	165.1	170.4	176.0	181.8	187.8	
49	---	---	---	102.7	107.1	111.4	115.7	120.0	124.3	128.6	132.9	137.3	141.8	146.4	151.1	155.9	160.9	166.0	171.4	176.9	182.7	188.7	
50	---	---	---	103.4	107.8	112.2	116.5	120.9	125.2	129.5	133.9	138.3	142.8	147.4	152.1	156.9	161.9	167.0	172.3	177.9	183.6	189.6	

Legend: SCT = Saturated Condensing Temperature, R-407c.
SST = Saturated Suction Temperature, R-407c.

- Notes:
1. Data subject to a +/- 5% tolerance.
 2. Data based on 9 degrees Fahrenheit Subcooling & Superheat.
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COMPONENT SPECIALISTS

AMPS - 230/3/60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R-407c

SCT →	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140
SST																						
5	72.5	75.7	79.0	82.2	85.4	88.6	91.9	95.2	98.6	102.0	105.5	109.2	112.9	116.8	120.8	125.0	129.4	134.0	138.8	143.8	149.1	154.6
10	72.6	76.0	79.3	82.6	85.9	89.2	92.5	95.9	99.3	102.8	106.4	110.1	114.0	117.9	122.1	126.3	130.8	135.5	140.4	145.5	150.9	156.6
15	73.3	76.7	80.1	83.4	86.8	90.1	93.5	96.9	100.4	104.0	107.7	111.4	115.3	119.4	123.5	127.9	132.4	137.2	142.2	147.4	152.8	158.6
20	74.4	77.8	81.3	84.7	88.1	91.5	94.9	98.4	101.9	105.5	109.2	113.1	117.0	121.1	125.3	129.7	134.3	139.1	144.1	149.4	154.9	160.6
25	75.8	79.4	82.9	86.3	89.8	93.2	96.7	100.2	103.8	107.5	111.2	115.0	119.0	123.1	127.4	131.8	136.4	141.2	146.3	151.6	157.1	162.9
30	77.7	81.3	84.8	88.4	91.9	95.4	98.9	102.4	106.1	109.7	113.5	117.4	121.4	125.5	129.8	134.2	138.8	143.7	148.7	154.0	159.5	165.3
31	78.1	81.7	85.3	88.8	92.3	95.8	99.4	102.9	106.5	110.2	114.0	117.9	121.9	126.0	130.3	134.7	139.4	144.2	149.2	154.5	160.1	165.9
32	78.6	82.2	85.7	89.3	92.8	96.3	99.9	103.4	107.1	110.7	114.5	118.4	122.4	126.5	130.8	135.3	139.9	144.7	149.8	155.1	160.6	166.4
33	79.0	82.6	86.2	89.8	93.3	96.8	100.4	103.9	107.6	111.3	115.1	118.9	122.9	127.1	131.4	135.8	140.4	145.3	150.3	155.6	161.2	167.0
34	79.5	83.1	86.7	90.3	93.8	97.3	100.9	104.5	108.1	111.8	115.6	119.5	123.5	127.6	131.9	136.4	141.0	145.8	150.9	156.2	161.7	167.5
35	80.0	83.6	87.2	90.8	94.3	97.9	101.4	105.0	108.7	112.4	116.2	120.1	124.1	128.2	132.5	136.9	141.6	146.4	151.5	156.8	162.3	168.1
36	80.5	84.1	87.7	91.3	94.9	98.4	102.0	105.6	109.2	112.9	116.7	120.6	124.6	128.8	133.1	137.5	142.2	147.0	152.1	157.4	162.9	168.7
37	81.0	84.6	88.3	91.8	95.4	99.0	102.5	106.2	109.8	113.5	117.3	121.2	125.2	129.4	133.7	138.1	142.8	147.6	152.7	158.0	163.5	169.3
38	81.5	85.2	88.8	92.4	96.0	99.5	103.1	106.7	110.4	114.1	117.9	121.8	125.9	130.0	134.3	138.8	143.4	148.2	153.3	158.6	164.1	169.9
39	82.0	85.7	89.4	93.0	96.6	100.1	103.7	107.3	111.0	114.7	118.6	122.5	126.5	130.6	134.9	139.4	144.0	148.9	153.9	159.2	164.8	170.6
40	---	86.3	89.9	93.6	97.1	100.7	104.3	108.0	111.6	115.4	119.2	123.1	127.1	131.3	135.6	140.0	144.7	149.5	154.6	159.9	165.4	171.2
41	---	86.9	90.5	94.2	97.8	101.4	105.0	108.6	112.3	116.0	119.8	123.8	127.8	131.9	136.2	140.7	145.4	150.2	155.3	160.6	166.1	171.9
42	---	87.4	91.1	94.8	98.4	102.0	105.6	109.2	112.9	116.7	120.5	124.4	128.5	132.6	136.9	141.4	146.0	150.9	156.0	161.2	166.8	172.6
43	---	88.0	91.7	95.4	99.0	102.6	106.3	109.9	113.6	117.4	121.2	125.1	129.1	133.3	137.6	142.1	146.7	151.6	156.7	161.9	167.5	173.3
44	---	88.7	92.4	96.0	99.7	103.3	106.9	110.6	114.3	118.0	121.9	125.8	129.8	134.0	138.3	142.8	147.5	152.3	157.4	162.7	168.2	174.0
45	---	---	93.0	96.7	100.3	104.0	107.6	111.3	115.0	118.7	122.6	126.5	130.6	134.7	139.1	143.5	148.2	153.0	158.1	163.4	169.0	174.8
46	---	---	93.7	97.3	101.0	104.6	108.3	112.0	115.7	119.5	123.3	127.2	131.3	135.5	139.8	144.3	148.9	153.8	158.9	164.2	169.7	175.5
47	---	---	94.3	98.0	101.7	105.3	109.0	112.7	116.4	120.2	124.0	128.0	132.0	136.2	140.6	145.0	149.7	154.6	159.6	164.9	170.5	176.3
48	---	---	95.0	98.7	102.4	106.1	109.7	113.4	117.1	120.9	124.8	128.7	132.8	137.0	141.3	145.8	150.5	155.4	160.4	165.7	171.3	177.1
49	---	---	---	99.4	103.1	106.8	110.5	114.2	117.9	121.7	125.6	129.5	133.6	137.8	142.1	146.6	151.3	156.2	161.2	166.6	172.1	177.9
50	---	---	---	100.1	103.8	107.5	111.2	114.9	118.7	122.5	126.3	130.3	134.4	138.6	142.9	147.4	152.1	157.0	162.1	167.4	173.0	178.8

Legend: SCT = Saturated Condensing Temperature, R-407c.
 SST = Saturated Suction Temperature, R-407c.

- Notes:
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AMPS - 460/3/60 Hz. HITACHI 4005 COMPRESSOR, REFRIGERANT R-407c

SCT →	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140
SST																						
5	33.6	35.4	37.3	39.1	40.9	42.7	44.5	46.3	48.1	50.0	51.9	53.8	55.8	57.8	59.9	62.0	64.3	66.6	69.0	71.5	74.1	76.9
10	34.4	36.2	38.0	39.8	41.5	43.3	45.1	46.8	48.6	50.4	52.3	54.2	56.1	58.1	60.2	62.3	64.5	66.8	69.2	71.7	74.4	77.1
15	35.2	37.0	38.8	40.5	42.3	44.0	45.7	47.5	49.3	51.0	52.9	54.7	56.7	58.7	60.7	62.8	65.0	67.3	69.7	72.2	74.8	77.5
20	36.1	37.9	39.7	41.4	43.1	44.8	46.6	48.3	50.1	51.8	53.7	55.5	57.4	59.4	61.4	63.5	65.7	68.0	70.4	72.9	75.5	78.2
25	37.0	38.8	40.6	42.3	44.1	45.8	47.5	49.3	51.0	52.8	54.6	56.5	58.4	60.4	62.4	64.5	66.7	69.0	71.4	73.8	76.4	79.1
30	38.0	39.8	41.6	43.4	45.2	46.9	48.6	50.4	52.2	54.0	55.8	57.7	59.6	61.6	63.6	65.7	67.9	70.2	72.6	75.1	77.7	80.4
31	38.2	40.0	41.8	43.6	45.4	47.1	48.9	50.6	52.4	54.2	56.1	57.9	59.9	61.8	63.9	66.0	68.2	70.5	72.9	75.4	78.0	80.7
32	38.4	40.3	42.1	43.8	45.6	47.4	49.1	50.9	52.7	54.5	56.3	58.2	60.1	62.1	64.2	66.3	68.5	70.8	73.2	75.7	78.3	81.0
33	38.6	40.5	42.3	44.1	45.9	47.6	49.4	51.2	53.0	54.8	56.6	58.5	60.4	62.4	64.5	66.6	68.8	71.1	73.5	76.0	78.6	81.3
34	38.8	40.7	42.5	44.3	46.1	47.9	49.6	51.4	53.2	55.1	56.9	58.8	60.7	62.7	64.8	66.9	69.1	71.4	73.8	76.3	78.9	81.6
35	39.0	40.9	42.7	44.5	46.3	48.1	49.9	51.7	53.5	55.3	57.2	59.1	61.0	63.0	65.1	67.2	69.4	71.7	74.1	76.6	79.2	82.0
36	39.2	41.1	43.0	44.8	46.6	48.4	50.2	52.0	53.8	55.6	57.5	59.4	61.4	63.4	65.4	67.6	69.8	72.1	74.5	77.0	79.6	82.3
37	39.4	41.3	43.2	45.0	46.9	48.7	50.5	52.3	54.1	55.9	57.8	59.7	61.7	63.7	65.8	67.9	70.1	72.4	74.8	77.3	79.9	82.7
38	39.6	41.5	43.4	45.3	47.1	48.9	50.8	52.6	54.4	56.3	58.1	60.1	62.0	64.0	66.1	68.3	70.5	72.8	75.2	77.7	80.3	83.1
39	39.8	41.8	43.7	45.5	47.4	49.2	51.0	52.9	54.7	56.6	58.5	60.4	62.4	64.4	66.5	68.6	70.9	73.2	75.6	78.1	80.7	83.5
40	---	42.0	43.9	45.8	47.7	49.5	51.3	53.2	55.0	56.9	58.8	60.8	62.7	64.8	66.9	69.0	71.3	73.6	76.0	78.5	81.1	83.9
41	---	42.2	44.1	46.1	47.9	49.8	51.7	53.5	55.4	57.3	59.2	61.1	63.1	65.1	67.2	69.4	71.7	74.0	76.4	78.9	81.5	84.3
42	---	42.4	44.4	46.3	48.2	50.1	52.0	53.8	55.7	57.6	59.5	61.5	63.5	65.5	67.6	69.8	72.1	74.4	76.8	79.4	82.0	84.7
43	---	42.7	44.6	46.6	48.5	50.4	52.3	54.2	56.1	58.0	59.9	61.9	63.9	65.9	68.1	70.2	72.5	74.8	77.3	79.8	82.4	85.2
44	---	42.9	44.9	46.9	48.8	50.7	52.6	54.5	56.4	58.3	60.3	62.3	64.3	66.4	68.5	70.7	72.9	75.3	77.7	80.3	82.9	85.7
45	---	---	45.1	47.1	49.1	51.0	52.9	54.9	56.8	58.7	60.7	62.7	64.7	66.8	68.9	71.1	73.4	75.7	78.2	80.7	83.4	86.2
46	---	---	45.4	47.4	49.4	51.3	53.3	55.2	57.2	59.1	61.1	63.1	65.1	67.2	69.4	71.6	73.9	76.2	78.7	81.2	83.9	86.7
47	---	---	45.7	47.7	49.7	51.7	53.6	55.6	57.5	59.5	61.5	63.5	65.6	67.7	69.8	72.1	74.3	76.7	79.2	81.7	84.4	87.2
48	---	---	45.9	48.0	50.0	52.0	54.0	55.9	57.9	59.9	61.9	64.0	66.0	68.1	70.3	72.5	74.8	77.2	79.7	82.3	84.9	87.7
49	---	---	---	48.3	50.3	52.3	54.3	56.3	58.3	60.3	62.4	64.4	66.5	68.6	70.8	73.0	75.4	77.7	80.2	82.8	85.5	88.3
50	---	---	---	48.6	50.6	52.7	54.7	56.7	58.7	60.8	62.8	64.9	67.0	69.1	71.3	73.6	75.9	78.3	80.8	83.3	86.0	88.8

Legend: SCT = Saturated Condensing Temperature, R-407c.
SST = Saturated Suction Temperature, R-407c.

- 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 14-46 deg F SST or 95-130 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 R-407c

SCT →	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140
SST																						
5	21.3	22.8	24.3	25.7	27.2	28.6	30.0	31.5	32.9	34.3	35.8	37.3	38.8	40.3	41.9	43.5	45.2	47.0	48.7	50.6	52.5	54.5
10	21.9	23.4	24.8	26.3	27.7	29.1	30.5	31.9	33.3	34.7	36.2	37.7	39.2	40.8	42.4	44.0	45.7	47.4	49.3	51.2	53.1	55.2
15	22.6	24.0	25.4	26.9	28.2	29.6	31.0	32.4	33.8	35.3	36.7	38.2	39.7	41.3	42.9	44.5	46.2	48.0	49.8	51.7	53.7	55.8
20	23.3	24.7	26.1	27.5	28.9	30.3	31.7	33.1	34.5	35.9	37.4	38.9	40.4	41.9	43.5	45.2	46.9	48.6	50.5	52.4	54.4	56.4
25	24.0	25.5	26.9	28.3	29.7	31.1	32.5	33.9	35.3	36.7	38.2	39.6	41.1	42.7	44.3	45.9	47.6	49.4	51.2	53.1	55.1	57.2
30	24.8	26.3	27.7	29.1	30.6	32.0	33.4	34.8	36.2	37.6	39.1	40.5	42.1	43.6	45.2	46.8	48.5	50.3	52.1	54.0	56.0	58.0
31	25.0	26.5	27.9	29.3	30.7	32.2	33.6	35.0	36.4	37.8	39.3	40.7	42.3	43.8	45.4	47.0	48.7	50.5	52.3	54.2	56.1	58.2
32	25.2	26.6	28.1	29.5	30.9	32.3	33.8	35.2	36.6	38.0	39.5	40.9	42.5	44.0	45.6	47.2	48.9	50.7	52.5	54.4	56.3	58.4
33	25.3	26.8	28.3	29.7	31.1	32.5	34.0	35.4	36.8	38.2	39.7	41.2	42.7	44.2	45.8	47.4	49.1	50.9	52.7	54.6	56.5	58.6
34	25.5	27.0	28.5	29.9	31.3	32.7	34.2	35.6	37.0	38.4	39.9	41.4	42.9	44.4	46.0	47.7	49.4	51.1	52.9	54.8	56.8	58.8
35	25.7	27.2	28.7	30.1	31.5	33.0	34.4	35.8	37.2	38.7	40.1	41.6	43.1	44.7	46.2	47.9	49.6	51.3	53.1	55.0	57.0	59.0
36	25.9	27.4	28.8	30.3	31.7	33.2	34.6	36.0	37.4	38.9	40.3	41.8	43.3	44.9	46.5	48.1	49.8	51.6	53.4	55.2	57.2	59.2
37	26.1	27.6	29.1	30.5	31.9	33.4	34.8	36.2	37.7	39.1	40.6	42.1	43.6	45.1	46.7	48.4	50.0	51.8	53.6	55.5	57.4	59.5
38	26.3	27.8	29.3	30.7	32.2	33.6	35.0	36.5	37.9	39.3	40.8	42.3	43.8	45.4	47.0	48.6	50.3	52.0	53.9	55.7	57.7	59.7
39	26.5	28.0	29.5	30.9	32.4	33.8	35.3	36.7	38.1	39.6	41.1	42.5	44.1	45.6	47.2	48.9	50.5	52.3	54.1	56.0	57.9	60.0
40	---	28.2	29.7	31.2	32.6	34.1	35.5	36.9	38.4	39.8	41.3	42.8	44.3	45.9	47.5	49.1	50.8	52.6	54.4	56.3	58.2	60.2
41	---	28.4	29.9	31.4	32.8	34.3	35.7	37.2	38.6	40.1	41.6	43.1	44.6	46.1	47.7	49.4	51.1	52.8	54.6	56.5	58.5	60.5
42	---	28.6	30.1	31.6	33.1	34.5	36.0	37.4	38.9	40.3	41.8	43.3	44.8	46.4	48.0	49.7	51.4	53.1	54.9	56.8	58.8	60.8
43	---	28.8	30.3	31.8	33.3	34.8	36.2	37.7	39.1	40.6	42.1	43.6	45.1	46.7	48.3	49.9	51.6	53.4	55.2	57.1	59.1	61.1
44	---	29.0	30.6	32.1	33.6	35.0	36.5	37.9	39.4	40.9	42.4	43.9	45.4	47.0	48.6	50.2	51.9	53.7	55.5	57.4	59.4	61.4
45	---	---	30.8	32.3	33.8	35.3	36.7	38.2	39.7	41.1	42.6	44.2	45.7	47.3	48.9	50.5	52.2	54.0	55.8	57.7	59.7	61.7
46	---	---	31.0	32.6	34.1	35.5	37.0	38.5	39.9	41.4	42.9	44.4	46.0	47.6	49.2	50.8	52.5	54.3	56.1	58.0	60.0	62.1
47	---	---	31.3	32.8	34.3	35.8	37.3	38.8	40.2	41.7	43.2	44.7	46.3	47.9	49.5	51.2	52.9	54.6	56.5	58.4	60.4	62.4
48	---	---	31.5	33.1	34.6	36.1	37.6	39.0	40.5	42.0	43.5	45.0	46.6	48.2	49.8	51.5	53.2	55.0	56.8	58.7	60.7	62.8
49	---	---	---	33.3	34.8	36.3	37.8	39.3	40.8	42.3	43.8	45.4	46.9	48.5	50.1	51.8	53.5	55.3	57.2	59.1	61.1	63.1
50	---	---	---	33.6	35.1	36.6	38.1	39.6	41.1	42.6	44.1	45.7	47.2	48.8	50.5	52.2	53.9	55.7	57.5	59.5	61.4	63.5

Legend: SCT = Saturated Condensing Temperature, R-407c.
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- Notes: 1. Data subject to a +/- 5% tolerance.
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 4. Operation outside the range of 14-46 deg F SST or 95-130 SCT is limited.
 See ACCS publication **AC- 02- 006- 01- 0051** for details.