

## Klea® 407C Pressure-Temperature Chart

Evaporator			Condenser		
Pressure (psig)	Dew Point (°F)	Mid Point (°F)	Pressure (psig)	Bubble Point (°F)	Mid Point (°F)
0.0	-33.9	-38.1	70.0	33.6	39.0
2.0	-29.2	-33.3	75.0	36.8	42.2
4.0	-24.9	-29.0	80.0	39.9	45.3
6.0	-20.9	-25.0	85.0	42.8	48.2
8.0	-17.2	-21.3	90.0	45.7	51.0
10.0	-13.8	-17.8	95.0	48.4	53.7
12.0	-10.5	-14.6	100.0	51.1	56.4
14.0	-7.5	-11.5	105.0	53.7	58.9
16.0	-4.6	-8.6	110.0	56.2	61.4
18.0	-1.9	-5.8	115.0	58.6	63.8
20.0	0.7	-3.2	120.0	61.0	66.1
22.0	3.2	-0.7	125.0	63.3	68.4
24.0	5.6	1.7	130.0	65.5	70.6
26.0	7.9	4.0	135.0	67.7	72.7
28.0	10.1	6.2	140.0	69.8	74.8
30.0	12.3	8.4	145.0	71.9	76.8
32.0	14.3	10.5	150.0	73.9	78.8
34.0	16.3	12.5	155.0	75.9	80.8
36.0	18.2	14.4	160.0	77.8	82.7
38.0	20.1	16.3	165.0	79.7	84.5
40.0	21.9	18.1	170.0	81.5	86.4
42.0	23.7	19.9	175.0	83.4	88.2
44.0	25.4	21.7	180.0	85.1	89.9
46.0	27.1	23.4	185.0	86.9	91.6
48.0	28.7	25.0	190.0	88.6	93.3
50.0	30.3	26.6	200.0	92.0	96.6
52.0	31.9	28.2	210.0	95.2	99.8
54.0	33.4	29.7	220.0	98.3	102.8
56.0	34.9	31.2	230.0	101.4	105.8
58.0	36.4	32.7	240.0	104.3	108.7
60.0	37.8	34.1	250.0	107.2	111.5
62.0	39.2	35.5	260.0	109.9	114.2
64.0	40.6	36.9	270.0	112.6	116.9
66.0	41.9	38.3	280.0	115.3	119.4
68.0	43.2	39.6	290.0	117.8	121.9
70.0	44.5	40.9	300.0	120.4	124.4
75.0	47.7	44.1	310.0	122.8	126.8
80.0	50.7	47.1	320.0	125.2	129.1
85.0	53.6	50.0	330.0	127.5	131.4
90.0	56.4	52.8	340.0	129.8	133.6
95.0	59.1	55.5	350.0	132.1	135.8
100.0	61.6	58.2	360.0	134.3	138.0

To set superheat, use evaporator dew point

To set subcool, use condenser bubble point

NOTE: Mid point is the average evaporating or condensing temperature at that pressure

Klea®

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