

R114	R152a	R143a	R13	R23	R503	R-409A		R-407C		TEMP
						BUBBLE	DEW	BUBBLE	DEW	
27.86*	21.23*	4.43*	43.9	52.0	67.4	15.8*	20.9*	9.4*	15.9*	-60
27.71*	20.71*	3.06*	46.5	55.1	70.9	15.0*	20.3*	8.2*	15.0*	-58
27.56*	20.16*	1.63*	49.1	58.4	74.5	14.1*	19.7*	6.9*	14.1*	-56
27.40*	19.59*	0.15*	51.8	61.7	78.3	13.2*	19.1*	5.6*	13.1*	-54
27.22*	18.98*	0.69	54.6	65.1	82.1	12.3*	18.4*	4.2*	12.0*	-52
27.04*	18.35*	1.48	57.5	68.7	86.1	11.3*	17.7*	2.8*	10.9*	-50
26.85*	17.69*	2.31	60.5	72.4	90.2	10.3*	16.9*	1.2*	9.8*	-48
26.65*	16.99*	3.17	63.6	76.2	94.4	9.2*	16.2*	0.2	8.6*	-46
26.43*	16.26*	4.06	66.8	80.1	98.8	8.1*	15.3*	1	7.3*	-44
26.21*	15.50*	4.99	70.0	84.2	103.3	6.9*	14.5*	1.8	6.0*	-42
25.97*	14.71*	5.96	73.4	88.4	107.9	5.7*	13.6*	2.7	4.6*	-40
25.72*	13.88*	6.96	76.8	92.7	112.6	4.4*	12.6*	3.6	3.2*	-38
25.45*	13.01*	8	80.4	97.1	117.5	3.1*	11.6*	4.6	1.6*	-36
25.17*	12.10*	9.08	84.0	101.7	122.5	1.7*	10.6*	5.6	.1*	-34
24.88*	11.16*	10.21	87.8	106.4	127.6	.3*	9.5*	6.6	0.8	-32
24.57*	10.17*	11.37	91.6	111.3	132.9	0.6	8.4*	7.7	1.6	-30
24.25*	9.14*	12.58	95.6	116.3	138.3	1.4	7.2*	8.8	2.5	-28
23.91*	8.07*	13.83	99.7	121.5	143.9	2.2	6.0*	9.9	3.4	-26
23.55*	6.95*	15.13	103.8	126.8	149.6	3	4.7*	11.1	4.4	-24
23.18*	5.79*	16.47	108.1	132.2	155.4	3.8	3.4*	12.4	5.4	-22
22.79*	4.57*	17.86	112.5	137.8	161.5	4.7	2.0*	13.7	6.4	-20
22.38*	3.31*	19.3	117.0	143.6	167.6	5.6	.6*	15	7.5	-18
21.95*	2.00*	20.79	121.6	149.5	174.0	6.6	0.5	16.4	8.7	-16
21.50*	0.64*	22.33	126.4	155.6	180.4	7.6	1.2	17.9	9.8	-14
21.03*	0.38	23.92	131.2	161.8	187.1	8.6	2	19.4	11	-12
20.54*	1.11	25.57	136.2	168.2	193.9	9.6	2.8	20.9	12.3	-10
20.02*	1.86	27.27	141.3	174.8	200.9	10.7	3.7	22.5	13.6	-8
19.49*	2.64	29.03	146.5	181.6	208.0	11.8	4.6	24.2	15	-6
18.93*	3.45	30.84	151.8	188.5	215.4	13	5.5	25.9	16.4	-4
18.35*	4.29	32.71	157.3	195.7	222.9	14.2	6.5	27.6	17.8	-2
17.74*	5.16	34.65	162.9	203.0	230.5	15.5	7.5	29.5	19.4	0
17.11*	6.06	36.64	168.6	210.5	238.4	16.7	8.5	31.4	20.9	2
16.45*	7	38.69	174.5	218.1	246.4	18.1	9.5	33.3	22.6	4
15.76*	7.97	40.81	180.5	226.0	254.7	19.4	10.6	35.3	24.2	6
15.05*	8.97	43	186.6	234.1	263.1	20.8	11.8	37.4	26	8
14.31*	10.01	45.25	192.9	242.4	271.7	22.3	13	39.5	27.8	10
13.53*	11.09	47.57	199.3	250.8	280.5	23.8	14.2	41.7	29.7	12
12.73*	12.2	49.95	205.8	259.5	289.6	25.4	15.5	44	31.6	14
11.90*	13.36	52.41	212.5	268.4	298.8	27	16.8	46.4	33.6	16
11.03*	14.55	54.94	219.4	277.6	308.2	28.6	18.1	48.8	35.6	18
10.14*	15.78	57.54	226.3	286.9	317.8	30.3	19.5	51.3	37.8	20
9.20*	17.05	60.22	233.5	296.5	327.7	32	20.9	53.8	40	22
8.24*	18.36	62.97	240.8	306.3	337.8	33.8	22.4	56.5	42.2	24
7.24*	19.72	65.8	248.2	316.3	348.1	35.7	23.9	59.2	44.6	26
6.20*	21.12	68.71	255.8	326.6	358.6	37.6	25.5	62	47	28
5.12*	22.57	71.7	263.6	337.1	369.3	39.5	27.1	64.8	49.4	30
4.01*	24.06	74.77	271.5	347.8	380.3	41.5	28.8	67.8	52	32
2.86*	25.6	77.93	279.6	358.9	391.5	43.6	30.6	70.8	54.6	34
1.67*	27.18	81.16	287.8	370.2	403.0	45.7	32.3	73.9	57.3	36
0.43*	28.82	84.49	296.3	381.7	414.7	47.9	34.2	77.1	60.1	38
0.41	30.5	87.9	304.8	393.5	426.6	50.1	36.1	80.4	63	40
1.06	32.24	91.4	313.6	405.6	438.8	52.4	38	83.8	66	42
1.73	34.03	94.99	322.6	418.0	451.3	54.8	40	87.3	69	44
2.42	35.87	98.67	331.7	430.7	464.0	57.2	42.1	90.8	72.2	46
3.13	37.77	102.44	341.0	443.7	477.0	59.7	44.2	94.5	75.4	48
3.87	39.72	106.31	350.5	457.0	490.2	62.2	46.3	98.2	78.7	50
4.63	41.73	110.28	360.2	470.6	503.7	64.8	48.6	102	82.1	52
5.41	43.79	114.34	370.1	484.5	517.5	67.5	50.9	106	85.6	54

R114	R152a	R143a	R13	R23	R503	R-409A		R-407C		TEMP
						BUBBLE	DEW	BUBBLE	DEW	
6.22	45.92	118.5	380.2	498.8	531.6	70.2	53.2	110	89.2	56
7.05	48.1	122.77	390.5	513.4	546.0	73.1	55.7	114.1	92.9	58
7.91	50.35	127.13	401.0	528.3	560.7	75.9	58.1	118.4	96.7	60
8.79	52.65	131.6	411.7	543.7	575.7	78.9	60.7	122.7	100.6	62
9.7	55.03	136.17	422.6	559.3	591.0	81.9	63.3	127.1	104.6	64
10.64	57.46	140.85	433.8	575.4	606.6	85	66	131.7	108.7	66
11.6	59.96	145.64	445.2	591.9	T>TC	88.1	68.8	136.3	112.9	68
12.59	62.53	150.54	456.9	608.7	T>TC	91.4	71.6	141.1	117.2	70
13.61	65.17	155.55	468.8	626.0	T>TC	94.7	74.5	145.9	121.6	72
14.66	67.87	160.67	481.0	643.7	T>TC	98.1	77.5	150.9	126.2	74
15.74	70.65	165.9	493.5	661.9	T>TC	101.5	80.5	156	130.8	76
16.85	73.5	171.25	506.3	680.5	T>TC	105.1	83.7	161.2	135.6	78
17.99	76.42	176.72	519.5	T>TC	T>TC	108.7	86.9	166.6	140.4	80
19.16	79.41	182.31	533.1	T>TC	T>TC	112.4	90.1	172	145.4	82
20.36	82.48	188.02	T>TC	T>TC	T>TC	116.2	93.5	177.6	150.6	84
21.59	85.63	193.84	T>TC	T>TC	T>TC	120	96.9	183.2	155.8	86
22.86	88.85	199.8	T>TC	T>TC	T>TC	124	100.5	189	161.2	88
24.16	92.16	205.87	T>TC	T>TC	T>TC	128	104.1	195	166.7	90
25.49	95.54	212.07	T>TC	T>TC	T>TC	132.1	107.7	201	172.3	92
26.86	99.01	218.41	T>TC	T>TC	T>TC	136.3	111.5	207.2	178	94
28.26	102.56	224.87	T>TC	T>TC	T>TC	140.6	115.4	213.5	183.9	96
29.7	106.19	231.46	T>TC	T>TC	T>TC	145	119.3	220	189.9	98
31.18	109.91	238.18	T>TC	T>TC	T>TC	149.4	123.4	226.5	196.1	100
32.69	113.71	245.03	T>TC	T>TC	T>TC	154	127.5	233.2	202.4	102
34.24	117.6	252.03	T>TC	T>TC	T>TC	158.6	131.7	240.1	208.8	104
35.82	121.59	259.16	T>TC	T>TC	T>TC	163.4	136	247.1	215.4	106
37.44	125.66	266.42	T>TC	T>TC	T>TC	168.2	140.4	254.2	222.1	108
39.11	129.82	273.83	T>TC	T>TC	T>TC	173.1	144.9	261.4	229	110
40.81	134.08	281.38	T>TC	T>TC	T>TC	178.2	149.5	268.8	236	112
42.55	138.43	289.07	T>TC	T>TC	T>TC	183.3	154.2	276.4	243.1	114
44.33	142.88	296.9	T>TC	T>TC	T>TC	188.5	159	284.1	250.5	116
46.15	147.42	304.88	T>TC	T>TC	T>TC	193.8	163.9	291.9	257.9	118
48.02	152.07	313.01	T>TC	T>TC	T>TC	199.2	168.9	299.9	265.6	120
49.92	156.81	321.29	T>TC	T>TC	T>TC	204.7	174	308	273.3	122
51.87	161.65	329.72	T>TC	T>TC	T>TC	210.4	179.2	316.3	281.3	124
53.86	166.6	338.29	T>TC	T>TC	T>TC	216.1	184.5	324.7	289.4	126
55.9	171.65	347.03	T>TC	T>TC	T>TC	221.9	189.9	333.3	297.7	128
57.98	176.81	355.91	T>TC	T>TC	T>TC	227.8	195.5	342	306.1	130
60.11	182.07	364.96	T>TC	T>TC	T>TC	233.9	201.1	350.9	314.8	132
62.28	187.44	374.16	T>TC	T>TC	T>TC	240	206.8	359.9	323.6	134
64.5	192.91	383.51	T>TC	T>TC	T>TC	246.3	212.7	369.1	332.5	136
66.76	198.5	393.03	T>TC	T>TC	T>TC	252.6	218.7	378.5	341.7	138
69.07	204.2	402.71	T>TC	T>TC	T>TC	259.1	224.8	388	351	140
71.44	210.01	412.56	T>TC	T>TC	T>TC	265.7	231	397.7	360.5	142
73.84	215.94	422.57	T>TC	T>TC	T>TC	272.4	237.3	407.6	370.2	144
76.3	221.98	432.74	T>TC	T>TC	T>TC	279.2	243.8	417.6	380.1	146
78.81	228.14	443.08	T>TC	T>TC	T>TC	286.1	250.3	427.8	390.2	148
81.37	234.42	453.6	T>TC	T>TC	T>TC	293.1	257	438.1	400.5	150
83.98	240.82	464.28	T>TC	T>TC	T>TC	300.3	263.9	448.6	410.9	152
86.64	247.34	475.13	T>TC	T>TC	T>TC	307.5	270.8	459.3	421.6	154
89.36	253.98	486.16	T>TC	T>TC	T>TC	314.9	277.9	470.2	432.5	156
92.12	260.74	497.36	T>TC	T>TC	T>TC	322.4	285.1	481.2	443.6	158
94.94	267.63	508.73	T>TC	T>TC	T>TC	330	292.4	492.5	454.9	160