STD-201RS Table 4a - IP Units - Closed Circuit (CC)

CLOSED CIRCUIT COOLER SERIES HFC

	STD-201RS Table 3a - IP Units - Cooling Towers (CT)																
	Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Wet Bulb °F	50	50	50	50	50	55	55	55	55	55	60	60	60	60	60	65
	Range °F	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10
	Approach °F	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7
	Inlet Water Temperature °F	67	70	72	77	75	72	75	77	82	80	77	80	82	87	85	82
	Outlet Water Temperature °F	57	60	62	65	60	62	65	67	70	65	67	70	72	75	70	72
	Model Capacity (GPM)																
1	HFC-505103	32.7	54.6	73.8	82.8	36.4	33.9	65.2	84.9	93.4	43.5	44.4	75.8	95.1	103.3	50.5	57.7
2	HFC-505105	33.7	59.1	77.0	87.1	39.4	38.5	70.3	89.4	98.7	48.9	49.4	81.5	101.4	110.3	54.3	60.3
3	HFC-50517.5	34.8	63.0	82.0	93.0	42.0	43.9	74.7	94.9	105.0	49.8	54.0	86.4	107.2	116.6	57.6	64.3
4	HFC-606105	58.5	89.5	115.6	129.1	59.7	71.9	107.0	134.5	147.1	71.4	83.7	124.7	152.6	164.2	83.2	99.0
5	HFC-60617.5	60.9	102.7	123.8	132.4	68.5	76.0	116.1	144.4	152.9	77.4	88.9	133.1	163.9	173.4	88.7	105.5
6	HFC-606110	70.3	97.6	136.3	143.4	65.1	81.5	122.6	156.6	164.4	81.8	98.5	143.2	175.3	185.7	92.6	114.3
7	HFC-70717.5	85.6	130.4	165.0	178.2	86.9	102.7	152.4	188.9	202.9	101.5	119.9	174.3	212.9	227.0	116.2	137.1
8	HFC-70717.5-SL	81.3	123.9	156.7	169.3	82.6	97.6	144.7	179.5	192.7	96.5	113.9	165.6	202.3	215.7	110.4	130.3
9	HFC-707110	90.3	140.6	171.9	186.0	93.8	108.6	163.8	198.7	212.0	109.2	127.7	187.0	225.2	237.9	124.6	146.4
10	HFC-707110-SL	85.8	133.6	163.3	176.7	89.1	103.1	155.6	188.7	201.4	103.7	121.3	177.7	214.0	226.0	118.4	139.1
11	HFC-707115	95.7	148.4	186.2	198.9	98.9	115.3	172.9	213.5	225.8	115.3	134.9	197.5	241.0	252.5	131.7	154.6
12	HFC-707115-SL	90.9	140.9	176.9	188.9	94.0	109.5	164.3	202.8	214.5	109.5	128.2	187.6	228.9	239.9	125.1	146.8
13	HFC-80817.5	98.9	174.7	219.2	247.1	116.5	130.1	210.7	260.7	285.0	140.4	161.4	246.5	302.1	323.0	164.3	192.7
14	HFC-80817.5-SL	93.9	165.9	208.3	234.7	110.7	123.6	200.1	247.7	270.8	133.3	153.3	234.2	287.0	306.8	156.1	183.1
15	HFC-808110	110.0	180.2	231.6	250.0	120.1	146.6	223.7	277.4	297.0	149.2	177.9	265.1	324.2	344.0	176.8	209.2
16	HFC-808110-SL	104.5	171.2	220.0	237.5	114.1	139.3	212.6	263.5	282.2	141.7	169.0	251.8	308.0	326.8	167.9	198.8
17	HFC-808115	126.5	187.4	239.7	265.9	125.0	177.3	231.4	288.9	308.8	154.3	205.3	277.6	344.9	364.1	185.1	237.2
18	HFC-808115-SL	120.2	178.1	227.7	252.6	118.7	168.5	219.9	274.4	293.3	146.6	195.0	263.8	327.6	345.9	175.9	225.3
19	HFC-81017.5	130.0	213.5	265.3	280.7	142.3	161.9	253.3	311.1	326.0	168.8	196.2	295.1	360.5	377.2	196.7	225.4
20	HFC-81017.5-SL	123.5	202.8	252.1	266.6	135.2	153.8	240.6	295.6	309.7	160.4	186.4	280.3	342.4	358.3	186.8	214.2
21	HFC-810110	140.4	236.0	290.4	319.7	157.4	174.2	277.1	337.6	363.8	184.7	208.6	320.3	386.1	407.7	213.5	240.6
22	HFC-810110-SL	133.4	224.2	275.9	303.7	149.5	165.5	263.2	320.7	345.6	175.5	198.2	304.2	366.8	387.3	202.8	228.5
23	HFC-810115	187.5	290.0	344.0	363.6	193.3	220.5	331.1	392.3	411.0	220.7	254.9	372.8	440.9	458.5	248.5	286.3
24	HFC-810115-SL	178.2	275.5	326.8	345.4	183.6	209.5	314.5	372.7	390.4	209.7	242.2	354.1	418.9	435.6	236.1	272.0
25	HFC-810120	192.0	295.7	361.7	408.7	197.1	225.2	335.3	414.3	453.0	225.5	258.5	383.3	466.3	497.0	255.5	295.3
26	HFC-810120-SL	182.4	280.9	343.6	388.2	187.2	214.0	318.5	393.6	430.3	214.3	245.6	364.1	443.0	472.1	242.7	280.5
27	HFC-812110	163.5	258.5	320.7	347.5	172.3	198.8	303.7	371.1	395.3	202.4	235.0	349.4	421.3	443.8	233.0	269.7
28	HFC-812110-SL	155.3	245.6	304.7	330.1	163.7	188.9	288.5	352.5	375.5	192.3	223.3	332.0	400.2	421.6	221.3	256.2
29	HFC-812115	190.4	289.7	351.9	382.0	193.1	226.9	338.1	407.1	436.7	225.4	264.8	387.9	463.3	487.0	258.6	299.1
30	HFC-812115-SL	180.9	275.3	334.3	362.9	183.5	215.6	321.2	386.7	414.9	214.1	251.5	368.5	440.2	462.7	245.7	284.1
31	HFC-812120	218.7	339.5	412.2	438.5	226.3	256.9	386.9	466.0	488.2	257.9	296.2	436.3	521.2	540.0	290.9	333.2
32	HFC-812120-SL	207.8	322.5	391.5	416.5	215.0	244.0	367.5	442.7	463.8	245.0	281.4	414.5	495.2	513.0	276.3	316.6
33	HFC-812125	237.6	372.5	441.1	472.0	248.4	278.6	421.5	498.7	523.2	281.0	319.9	466.4	556.8	574.8	311.0	361.2
34	HFC-812125-SL	225.8	353.9	419.0	448.4	235.9	264.7	400.4	473.7	497.1	267.0	303.9	443.1	529.0	546.1	295.4	343.1
35	HFC-510203	62.1	103.7	140.2	157.4	69.2	64.4	123.9	161.3	177.4	82.6	84.4	144.0	180.6	196.3	96.0	109.6
36	HFC-510205	64.0	112.3	146.3	165.5	74.9	73.2	133.6	169.8	187.6	89.1	93.9	154.9	192.7	209.6	103.2	114.6
37	HFC-51027.5	66.1	119.7	155.8	176.7	79.8	83.5	141.9	180.3	199.5	94.6	102.6	164.2	203.7	221.5	109.4	122.2
38	HFC-612205	111.2	170.1	219.6	245.3	113.4	136.6	203.5	255.4	279.5	135.6	159.1	237.1	290.0	311.9	158.0	188.1
39	HFC-61227.5	115.8	195.2	235.1	251.5	130.1	144.5	220.7	274.3	290.5	147.1	168.9	252.8	311.5	329.5	168.6	200.4
40	HFC-612210	133.6	185.5	259.0	272.4	123.7	155.0	233.0	297.4	312.3	155.3	187.2	272.1	333.1	352.7	181.4	217.1
41	HFC-71427.5	162.6	247.8	313.4	338.5	165.2	195.2	289.5	358.9	385.4	193.0	227.8	331.2	404.6	431.2	220.8	260.5
42	HFC-71427.5-SL	154.5	235.4	297.8	321.6	156.9	185.4	275.0	340.9	366.1	183.3	216.4	314.6	384.3	409.7	209.8	247.5
43	HFC-714210	171.6	267.1	326.6	353.3	178.1	206.2	311.2	377.5	402.7	207.5	242.6	355.3	428.0	452.0	236.9	278.1
44	HFC-714210-SL	163.0	253.8	310.2	335.7	169.2	195.9	295.7	358.6	382.5	197.1	230.5	337.6	406.6	429.4	225.0	264.2
45	HFC-714215	181.8	281.9	353.7	377.9	188.0	219.0	328.5	405.6	428.8	219.0	256.4	375.3	457.9	479.9	250.2	293.7
46	HFC-714215-SL	172.7	267.8	336.1	359.0	178.6	208.1	312.1	385.3	407.4	208.1	243.5	356.5	435.0	455.9	237.7	279.0
47	HFC-81627.5	187.9	331.9	416.6	469.4	221.2	247.3	400.2	495.4	541.4	266.8	306.7	468.4	573.9	613.6	312.3	366.2
48	HFC-81627.5-SL	178.5	315.3	395.7	445.9	210.1	234.9	380.2	470.7	514.3	253.4	291.3	445.0	545.2	582.9	296.7	347.9
49	HFC-816210	209.0	342.3	440.0	475.1	228.3	278.5	425.2	527.1	564.3	283.4	338.0	503.7	615.9	653.5	335.8	397.5
50	HFC-816210-SL	198.6	325.2	418.0	451.3	216.8	264.6	403.9	500.8	536.1	269.2	321.1	478.5	585.1	620.8	319.0	377.7
51	HFC-816215	240.4	356.2	455.4	505.1	237.4	336.9	439.8	548.8	586.7	293.2	390.0	527.6	655.2	691.8	351.7	450.6
52	HFC-816215-SL	228.3	338.4	432.6	479.9	225.5	320.1	417.8	521.4	557.4	278.5	370.5	501.2	622.4	657.2	334.1	428.0
53	HFC-81927.5	265.0	408.6	506.7	556.5	272.4	323.8	485.2	593.5	637.8	323.5	384.8	567.5	686.5	723.7	378.3	442.5
54	HFC-81927.5-SL	251.8	388.1	481.4	528.7	258.8	307.6	460.9	563.8	605.9	307.3	365.6	539.1	652.2	687.5	359.4	420.3
55	HFC-819210	309.4	464.2	566.1	595.1	309.4	368.6	542.0	655.7	683.1	361.3	431.2	619.5	751.3	771.8	516.3	485.1
56	HFC-819210-SL	294.0	441.0	537.8	565.4	294.0	350.1	514.9	622.9	649.0	343.2	409.7	588.5	713.7	733.2	490.5	460.8
57	HFC-819215	360.5	542.2	653.3	696.2	361.5	424.4	623.1	746.7	783.7	415.4	494.3	709.6	846.8	875.0	473.0	547.4
58	HFC-819215-SL	342.4	515.1	620.6	661.3	343.4	403.2	591.9	709.3	744.5	394.6	469.6	674.1	804.5	831.2	449.4	520.0
59	HFC-819220	405.3	595.7	709.5	745.8	397.1	468.5	676.6	803.4	834.5	451.1	533.5	760.2	903.5	927.0	506.8	595.4
60	HFC-819220-SL	385.0	565.9	674.0	708.5	377.3	445.1	642.8	763.2	792.8	428.5	506.8	722.2	858.3	880.7	481.5	565.6
61	HFC-82227.5	290.9	448.8	553.5	598.8	299.1	353.9	531.8	648.5	689.9	354.6	415.4	614.9	751.9	789.3	409.9	478.5
62	HFC-82227.5-SL	276.3	426.3	525.8	568.9	284.2	336.2	505.2	616.1	655.4	336.9	394.6	584.1	714.3	749.8	389.4	454.6
63	HFC-822210	336.7	501.7	617.8	661.2	334.4	401.8	588.2	715.5	754.3	392.2	470.9	684.6	820.5	854.0	456.4	527.8
64	HFC-822210-SL	319.9	476.6	586.9	628.1	317.7	381.7	558.8	679.7	716.6	372.6	447.4	650.4	779.4	811.3	433.6	501.4
65	HFC-822215	400.7	586.2	707.1	757.6	390.8	467.8	675.4	809.9	852.4	450.2	537.0	768.6	917.1	952.5	512.4	601.4
66	HFC-822215-SL	380.6	556.9	671.7	719.7	371.3	444.4	641.6	769.4	809.8	427.7	510.2	730.2	871.2	904.8	486.8	571.4
67	HFC-822220	451.4	665.0	789.1	832.2	443.3	521.0	754.0	893.4	929.5	502.7	594.5	846.8	1001.3	1028.2	564.6	658.8
68	HFC-822220-SL	428.8	631.7	749.6	790.6	421.1	495.0	716.3	848.8	883.0	477.6	564.8	804.5	951.2	976.8	536.4	625.8
69	HFC-827210	348.5	517.4	636.3	707.8	344.9	394.7	615.6	750.4	812.8	410.3	470.8	719.8	867.0	923.2	479.9	551.6
70	HFC-827210-SL	331.1	491.6	604.5	672.4	327.7	375.0	584.8	712.9	772.2	389.8	447.3	683.8	823.6	877.0	455.9	524.0
71	HFC-827215	429.2	662.8	794.3	854.5	441.8	508.5	765.9	915.3	966.7	510.6	590.2	874.3	1041.1	1083.3	582.9	667.9
72	HFC-827215-SL	407.8	629.6	754.6	811.8	419.7	483.1	727.6	869.5	918.4	485.1	560.7	830.6	989.0	1029.1	553.7	634.5
73	HFC-827220	484.5	747.4	899.6	951.1	498.2	568.7	852.8	1021.1	1064.1	568.6	651.4	961.3	1146.3	1182.1	640.8	742.0
74	HFC-827220-SL	460.2	710.0	854.7	903.5	473.3	540.2	810.2	970.1	1010.9	540.1	618.8	913.2	1089.0	1123.0	608.8	704.9
75	HFC-827225	549.7	821.0	976.9	1012.2	547.4	632.8	926.1	1100.2	1129.4	617.4	714.8	1027.4	1223.9	1247.7	684.9	801.2
76	HFC-827225-SL	522.2	779.9	928.1	961.6	520.0	601.2	879.8	1045.2	1072.9	586.5	679.1	976.1	1162.7	1185.3	650.7	761.1
77	HFC-1010403	117.7	196.6	265.7	298.2	131.0	147.7	234.7	305.7	336.2	195.6	177.8	272.8	342.2	372.0	181.8	207.7
78	HFC-1010405	121.3	212.8	277.2	313.5	141.8	138.8	253.1	321.8	355.4	168.7	177.8	293.4	365.2	397.2	195.6	217.1
79	HFC-101047.5	125.3	226.8	295.2	334.8	151.2	158.1	268.9	341.7	377.9	179.3	194.4	311.0	385.9	419.6	207.4	231.5
80	HFC-1212405	210.7	322.3	416.0	464.6	214.9	258.8	385.5	484.1	529.6	256.9	301.3	449.1	549.4	591.0	299.4	356.5
81	HFC-121247.5	219.2	369.8	445.6	476.6	246.5	273.8	418.0	519.8	550.6	278.6	320.0	494.5	590.2	624.3	329.7	379.8
82	HFC-1212410	253.2	351.4	490.6	516.1	234.4	293.5	425.7	563.7	591.7	283.8	354.6	500.0	631.0	668.4	333.3	411.4
83	HFC-141447.5	308.1	469.5	593.9	641.3	313.0	369.8	548.5	680.1	730.2	365.6	431.7	627.5	766.6	817.1	418.3	493.7
84	HFC-141447.5-SL	292.7	446.0	564.2	609.3	297.4	351.3	521.1	646.1	693.7	347.3	410.1	596.1	728.3	776.3	397.4	469.0
85	HFC-1414410	325.1	506.1	618.8	669.4	337.5	390.7	589.6	715.2	763.0	393.1	459.7	673.3	810.8	856.5	448.8	526.9

								COOLING TOWERS SERIES RT									
	Condition Reference #	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	Wet Bulb °F	65	65	65	65	70	70	70	70	70	75	75	75	75	75	80	80
	Range °F	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10	10
	Approach °F	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7	10
	Inlet Water Temperature °F	85	87	92	90	87	90	92	97	95	92	95	97	102	100	97	100
	Outlet Water Temperature °F	75	77	80	75	77	80	82	85	80	82	85	87	90	85	87	90
	Model Capacity (GPM)																
1	HFC-505103	86.4	107.2	114.5	57.6	66.1	97.0	118.8	125.0	64.7	74.3	107.6	130.0	135.4	71.7	82.7	118.1
2	HFC-505105	92.7	114.2	122.1	61.8	71.2	103.9	127.3	133.8	69.3	79.9	115.1	139.1	144.9	76.7	93.0	126.3
3	HFC-50517.5	98.2	120.8	129.0	65.5	74.2	109.9	134.4	141.3	73.3	84.3	121.6	146.9	153.0	81.1	94.4	133.4
4	HFC-606105	142.5	174.4	183.7	94.9	112.2	160.1	194.1	201.6	106.7	125.5	177.8	210.6	219.6	118.5	138.8	195.4
5	HFC-60617.5	155.3	186.3	194.1	103.6	120.0	172.7	207.6	214.6	115.1	134.5	190.1	226.6	235.1	126.7	148.9	207.5
6	HFC-606110	159.4	197.2	206.6	109.5	128.3	179.8	219.2	227.7	119.9	142.2	200.6	238.0	248.6	133.7	156.3	221.2
7	HFC-70717.5	196.1	235.8	251.0	130.7	154.2	218.1	261.0	277.0	145.4	171.5	240.0	284.7	301.2	160.0	188.7	261.9
8	HFC-70717.5-SL	186.3	224.0	238.4	124.2	146.5	207.2	248.0	263.1	138.2	162.9	228.0	270.4	286.2	152.0	179.3	248.8
9	HFC-707110	210.2	252.3	264.0	140.2	165.1	233.4	278.8	290.0	155.6	183.8	256.6	305.9	316.1	171.0	202.4	279.9
10	HFC-707110-SL	199.7	239.7	250.8	133.2	156.8	221.7	264.8	275.5	147.8	174.6	243.8	290.6	300.2	162.5	192.3	265.9
11	HFC-707115	222.1	268.1	279.3	148.1	174.2	246.6	295.4	306.2	164.4	193.8	271.2	322.6	333.0	180.8	213.4	295.8
12	HFC-707115-SL	211.0	254.7	265.3	140.6	165.5	234.3	280.6	290.9	156.2	184.1	257.7	306.4	316.3	171.8	202.7	281.0
13	HFC-80817.5	282.6	343.4	360.9	188.4	224.1	318.2	384.3	398.8	212.2	254.9	354.0	427.5	436.7	236.0	286.8	390.2
14	HFC-80817.5-SL	268.5	326.2	342.9	179.0	212.9	302.3	365.1	378.8	201.6	242.1	336.3	406.1	414.9	224.2	272.4	370.7
15	HFC-808110	306.4	371.9	390.8	204.3	240.6	347.7	418.1	437.8	231.8	271.8	389.1	465.0	484.9	259.4	303.2	430.4
16	HFC-808110-SL	291.0	353.3	371.3	194.1	228.5	330.3	397.2	415.9	220.2	258.2	369.6	441.7	460.6	246.4	288.0	408.9
17	HFC-808115	324.0	397.0	419.4	215.9	266.8	370.2	452.3	474.5	246.7	297.1	416.4	507.7	529.9	277.5	326.0	462.6
18	HFC-808115-SL	307.8	377.1	398.5	205.1	253.4	351.6	429.7	450.8	234.4	282.3	395.5	482.3	503.4	263.7	309.7	439.4
19	HFC-81017.5	332.3	402.0	413.0	221.6	257.4	372.2	447.9	461.2	248.1	288.3	411.8	494.1	507.0	274.6	321.8	451.7
20	HFC-81017.5-SL	315.7	381.9	392.3	210.5	244.5	353.6	425.5	438.1	235.7	273.9	391.2	469.4	481.7	260.8	305.7	429.1
21	HFC-810110	357.0	431.3	451.5	238.0	274.7	399.0	477.6	498.8	266.0	310.0	441.0	525.3	538.1	294.0	342.9	482.3
22	HFC-810110-SL	339.2	409.8	428.9	226.1	260.9	379.1	453.8	473.8	252.7	294.5	419.0	499.0	511.2	279.3	325.8	458.2
23	HFC-810115	414.8	490.0	506.6	276.5	317.1	451.5	534.6	551.3	301.0	353.1	495.6	587.5	599.3	330.4	385.6	536.7
24	HFC-810115-SL	394.0	465.5	481.3	262.6	301.2	428.9	507.8	523.7	286.0	335.5	470.8	558.1	569.4	313.9	366.3	509.8
25	HFC-810120	428.4	518.9	540.8	285.6	333.3	474.1	571.4	586.2	316.1	372.0	522.1	623.4	629.5	348.1	411.1	570.2
26	HFC-810120-SL	407.0	493.0	513.7	271.3	316.6	450.4	542.8	556.9	300.2	353.4	496.0	592.2	598.0	330.7	390.5	541.6
27	HFC-812110	392.6	472.0	490.2	261.8	303.4	438.9	522.5	541.0	292.6	339.5	483.6	571.9	585.0	322.4	375.5	529.3
28	HFC-812110-SL	373.0	448.4	465.6	248.7	288.2	416.9	496.4	514.0	277.9	322.5	459.4	543.3	555.8	306.3	356.8	502.8
29	HFC-812115	434.2	517.4	535.6	289.4	333.9	480.5	571.6	585.0	320.3	373.8	529.4	625.6	632.6	352.9	409.3	580.2
30	HFC-812115-SL	412.5	491.5	508.8	275.0	317.2	456.5	543.0	555.8	304.3	355.1	502.9	594.3	601.0	335.2	388.9	551.2
31	HFC-812120	481.0	573.5	588.4	320.6	368.9	527.5	626.3	637.0	351.6	410.4	575.1	681.1	686.0	383.4	447.6	624.0
32	HFC-812120-SL	457.0	544.8	559.0	304.6	350.4	501.1	595.0	605.2	334.0	389.9	546.4	647.0	651.7	364.3	425.2	592.8
33	HFC-812125	518.4	613.4	625.8	345.6	400.3	570.1	672.8	679.0	380.1	443.1	618.3	728.2	728.0	412.2	483.5	665.7
34	HFC-812125-SL	492.5	582.7	594.5	328.3	380.3	541.6	639.1	645.1	361.1	421.0	587.4	691.8	691.6	391.5	459.3	632.4
35	HFC-510203	164.2	203.8	2 17.5	109.4	125.6	184.3	225.7	237.5	122.9	141.2	204.4	247.0	257.3	136.3	157.1	224.4
36	HFC-510205	176.1	216.9	231.9	117.4	135.3	197.4	241.8	254.1	131.6	151.8	218.7	264.3	275.3	145.8	176.7	240.0
37	HFC-51027.5	186.6	229.5	245.2	124.4	141.0	208.8	255.3	268.4	139.2	160.2	231.0	279.1	290.7	154.0	179.4	253.5
38	HFC-612205	270.6	331.3	349.1	180.5	213.2	304.1	368.6	383.1	202.7	238.5	337.7	400.1	417.2	225.2	263.7	371.2
39	HFC-61227.5	295.1	354.0	368.7	196.7	228.0	328.1	394.5	407.7	218.7	255.5	361.2	430.5	446.7	240.7	283.0	394.2
40	HFC-612210	302.8	374.7	392.6	202.0	243.8	341.7	416.6	432.4	227.8	270.2	381.0	452.3	472.3	254.0	296.9	420.2
41	HFC-71427.5	372.6	448.1	476.8	248.4	293.1	414.3	495.9	526.2	276.3	325.8	456.0	540.9	572.5	304.0	358.5	497.6
42	HFC-71427.5-SL	354.0	425.7	453.0	236.0	278.4	393.6	471.1	499.8	262.4	309.5	433.2	513.8	543.8	288.8	340.5	472.7
43	HFC-714210	399.4	479.4	501.6	266.3	313.6	443.5	529.7	550.9	295.7	349.1	487.6	581.2	600.5	325.1	384.6	531.8
44	HFC-714210-SL	379.4	455.5	476.5	253.0	298.0	421.3	503.2	523.4	280.9	331.7	463.2	552.1	570.5	308.8	365.4	505.2
45	HFC-714215	422.0	509.4	530.7	281.3	331.0	468.6	561.2	581.7	312.4	368.2	515.3	612.9	632.6	343.6	405.4	562.0
46	HFC-714215-SL	400.9	483.9	504.1	267.2	314.4	445.2	533.2	552.6	296.8	349.8	489.6	582.2	601.0	326.4	385.1	533.9
47	HFC-81627.5	536.9	652.5	685.7	357.9	425.7	604.7	730.2	757.7	403.0	484.2	672.5	812.1	829.7	448.4	544.8	741.3
48	HFC-81627.5-SL	510.1	619.9	651.5	340.0	404.4	574.4	693.7	719.8	382.9	460.0	638.9	771.5	788.2	425.9	517.6	704.2
49	HFC-816210	582.1	706.5	742.6	388.1	457.1	660.7	794.4	831.8	440.4	516.5	739.2	883.4	921.1	492.8	576.0	817.9
50	HFC-816210-SL	553.0	671.2	705.5	368.7	434.2	627.6	754.7	790.2	418.4	490.6	702.2	839.2	875.1	468.2	547.2	777.0
51	HFC-816215	615.6	754.3	796.8	410.3	506.9	703.3	859.4	901.7	468.8	564.5	791.1	964.6	1006.7	527.3	619.5	878.9
52	HFC-816215-SL	584.8	716.6	757.0	389.8	481.5	668.2	816.5	856.6	445.4	536.3	751.6	916.4	956.4	501.0	588.5	835.0
53	HFC-81927.5	635.3	766.3	799.8	423.5	495.7	712.4	846.8	874.1	474.9	557.3	787.0	934.7	960.8	524.7	618.2	868.5
54	HFC-81927.5-SL	603.5	728.0	759.8	402.3	470.9	676.8	804.5	830.4	451.2	529.5	747.6	888.0	912.7	498.5	587.3	825.0
55	HFC-819210	698.5	834.3	861.0	465.7	542.6	773.9	920.3	943.2	515.9	603.4	852.6	1012.0	1033.4	568.4	664.1	930.8
56	HFC-819210-SL	663.5	792.6	818.0	442.4	515.5	735.2	874.3	896.1	490.1	573.3	810.0	961.4	981.7	539.9	630.9	884.3
57	HFC-819215	779.9	928.2	955.9	520.0	615.2	862.1	1021.8	1043.0	574.7	674.6	947.1	1119.2	1135.8	631.4	745.0	1027.3
58	HFC-819215-SL	740.9	881.8	908.1	494.0	584.4	818.9	970.7	990.8	545.9	640.9	899.7	1063.2	1079.0	599.8	707.7	976.0
59	HFC-819220	833.9	984.4	1009.8	556.0	657.2	918.8	1083.7	1102.5	612.5	718.2	1002.8	1179.8	1183.9	668.5	785.9	1081.7
60	HFC-819220-SL	792.2	935.2	959.3	528.2	624.3	872.8	1029.5	1047.4	581.8	682.3	952.6	1120.8	1124.7	635.1	746.6	1027.6
61	HFC-82227.5	693.0	835.0	868.0	462.0	541.2	777.0	929.8	959.5	518.0	604.9	864.2	1025.1	1043.9	576.1	668.1	945.1
62	HFC-82227.5-SL	658.4	793.2	824.6	438.9	514.1	738.2	883.3	911.5	492.1	574.7	820.9	973.9	991.7	547.3	634.7	897.8
63	HFC-822210	757.9	908.6	938.5	505.3	592.9	842.5	1000.0	1026.0	561.6	660.0	934.5	1105.3	1124.3	623.0	726.0	1020.1
64	HFC-822210-SL	720.0	863.1	891.6	480.0	563.3	800.4	950.0	974.7	533.6	627.0	887.8	1050.1	1068.1	591.8	689.7	969.1
65	HFC-822215	848.4	1012.0	1039.5	565.6	665.4	942.9	1115.3	1132.2	628.6	734.7	1034.3	1219.9	1229.3	689.5	802.2	1121.2
66	HFC-822215-SL	806.0	961.4	987.5	537.4	632.1	895.8	1059.5	1075.6	597.2	698.0	982.5	1158.9	1167.9	655.1	762.1	1065.1
67	HFC-822220	929.3	1099.5	1125.3	619.5	725.2	1018.5	1205.3	1220.6	679.0	798.7	1110.9	1311.1	1314.7	740.6	869.0	1199.4
68	HFC-822220-SL	882.8	1044.5	1069.0	588.5	689.0	967.6	1145.0	1159.6	645.1	758.8	1055.4	1245.6	1249.0	703.5	825.5	1139.4
69	HFC-827210	807.5	980.4	1019.9	538.3	622.0	907.7	1087.1	1122.2	605.1	699.2	1003.3	1202.6	1228.5	668.9	778.3	1106.4
70	HFC-827210-SL	767.1	931.4	968.9	511.4	590.9	862.3	1032.7	1066.1	574.9	664.2	953.1	1142.4	1167.1	635.4	739.3	1051.1
71	HFC-827215	971.0	1155.2	1188.3	647.3	739.6	1068.9	1270.0	1298.5	712.6	826.0	1174.4	1397.0	1414.9	783.0	905.0	1281.5
72	HFC-827215-SL	922.5	1097.4	1128.9	615.0	702.6	1015.5	1206.5	1233.6	677.0	784.7	1115.7	1327.2	1344.1	743.8	859.7	1217.4
73	HFC-827220	1062.6	1262.2	1283.6	708.4	818.7	1165.5	1383.4	1404.4	777.0	900.4	1272.6	1505.0	1512.0	848.4	989.8	1380.2
74	HFC-827220-SL	1009.5	1199.1	1219.4	673.0	777.8	1107.2	1314.2	1334.2	738.2	855.4	1209.0	1429.7	1436.4	806.0	940.3	1311.2
75	HFC-827225	1144.5	1349.4	1367.6	763.0	881.3	1236.9	1467.4	1478.7	824.6	960.6	1346.1	1589.2	1588.1	897.4	1048.2	1451.2
76	HFC-827225-SL	1087.3	1281.9	1299.2	724.9	837.2	1175.1	1394.0	1404.8	783.3	912.6	1278.8	1509.7	1508.7	852.6	995.8	1378.6
77	HFC-1010403	311.0	386.1	412.1	207.4	238.0	349.2	427.7	450.0	232.8	267.5	387.4	468.0	487.5	258.2	297.7	425.2
78	HFC-1010405	333.7	411.0	439.5	222.5	256.3	374.0	458.2	481.5	249.4	295.6	414.4	500.8	521.7	276.2	334.8	454.7
79	HFC-101047.5	353.5	434.9	464.5	235.7	267.1	395.6	483.7	508.5	263.8	303.5	437.8	528.8	550.8	291.8	339.8	480.2
80	HFC-1212405	512.8	627.8	661.3	341.9	403.9	576.2	698.5	725.8	384.2	451.8	640.0	758.2	790.6	426.6	499.6	703.3
81	HFC-121247.5	559.1	670.7	698.5	372.7	432.0	621.6	747.5	772.4	414.5	484.1	684.3	815.7	846.3	456.2	536.1	746.9
82	HFC-1212410	573.9	709.9	743.9	382.5	461.9	647.4	789.3	819.4	431.6	512.0	722.0	856.9	894.9	481.4	562.6	796.3
83	HFC-141447.5	706.1	849.0	903.4	470.7	555.2	785.1	939.8	997.0	523.4	617.3	863.9	1024.7	1084.7	575.9	679.1	942.8
84	HFC-141447.5-SL	670.8	806.6	858.2	447.2	527.5	745.8	892.8	947.1	497.3	586.4	820.7	973.5	1030.4	547.1	645.2	895.7
85	HFC-1414410	756.7	908.4	950.4	504.5	594.2	840.3	1003.6	1043.9	560.2	661.5	923.8	1101.1	1137.8	615.9	728.8	1007.8

	Condition Reference #	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
	Wet Bulb °F	80	80	80	85	85	85	85	85	90	90	90	90	90	69.8	78	80.6	82.4
	Range °F	10	12	15	10	10	10	12	15	10	10	10	12	15	9	12	9	9
	Approach °F	12	15	10	7	10	12	15	10	7	10	12	15	10	10.8	12	9	7.2
	Inlet Water Temperature °F	102	107	105	102	105	107	112	110	107	110	112	117	115	89.6	102	98.6	98.6
	Outlet Water Temperature °F	92	95	90	92	95	97	100	95	97	100	102	105	100	80.6	90	89.6	89.6
	Model Capacity (GPM)																	
1	HFC-505103	140.3	146.1	78.7	91.0	128.7	151.9	156.5	85.8	99.3	139.3	163.1	167.0	92.9		113.3		
2	HFC-505105	150.2	156.4	84.2	99.8	137.4	163.9	168.7	91.6	108.3	148.6	176.3	180.4	99.1		122.1		
3	HFC-50517.5	158.5	164.8	88.9	104.5	145.1	172.2	177.0	96.7	114.6	156.8	185.1	189.0	104.6		128.1		
4	HFC-606105	231.4	237.2	130.2	152.3	213.1	249.5	255.3	142.0	165.7	230.7	268.6	273.3	153.8		186.3		
5	HFC-60617.5	247.6	255.6	138.3	163.7	225.2	268.4	276.2	150.1	178.3	242.7	289.0	296.7	161.8		199.4		
6	HFC-606110	257.3	269.5	147.4	170.6	241.7	278.3	290.5	161.1	184.9	262.3	298.6	311.6	174.9		207.9		
7	HFC-70717.5	308.6	325.9	174.6	205.8	283.8	332.5	350.5	189.2	223.0	305.7	356.5	375.2	203.8		249.2		
8	HFC-70717.5-SL	293.2	309.6	165.9	195.5	269.6	315.9	333.0	179.7	211.9	290.4	338.7	356.4	193.6		236.7		
9	HFC-707110	332.3	342.1	186.6	220.6	303.1	359.3	368.0	202.0	239.2	326.3	386.1	394.1	217.6		268.1		
10	HFC-707110-SL	315.7	325.0	177.3	209.6	288.0	341.3	349.6	191.9	227.2	310.0	366.8	374.4	206.7		254.7		
11	HFC-707115	349.8	359.7	197.2	233.0	320.4	377.1	386.5	213.6	252.6	344.9	404.4	413.4	230.0		282.6		
12	HFC-707115-SL	332.3	341.7	187.3	221.3	304.3	358.2	367.2	202.9	240.0	327.7	384.1	392.7	218.5		268.4		
13	HFC-80817.5	468.3	474.5	260.2	317.7	426.0	509.9	512.5	284.0	349.0	462.0	551.4	550.4	308.0		376.3		
14	HFC-80817.5-SL	444.9	450.8	247.1	301.8	404.7	484.4	486.9	269.8	331.6	438.9	523.9	522.9	292.6		357.5		
15	HFC-808110	512.4	531.7	287.0	334.5	471.7	559.5	560.0	314.5	365.8	513.0	560.0	560.0	342.0		412.6		
16	HFC-808110-SL	486.8	505.2	272.6	317.8	448.1	531.5	532.0	298.8	347.5	487.4	532.0	532.0	324.9		392.0		
17	HFC-808115	560.0	560.0	308.3	356.5	508.8	560.0	560.0	339.2	386.3	555.1	560.0	560.0	370.0		449.7		
18	HFC-808115-SL	532.0	532.0	292.9	338.7	483.3	532.0	532.0	322.3	367.0	527.3	532.0	532.0	351.5		427.2		
19	HFC-81017.5	539.8	553.6	301.1	353.5	492.1	585.6	598.6	328.1	385.5	531.9	631.4	644.0	354.6		434.5		
20	HFC-81017.5-SL	512.8	525.9	286.1	335.9	467.5	556.3	568.7	311.7	366.2	505.3	599.8	611.8	336.9		412.8		
21	HFC-810110	573.2	584.1	321.5	376.6	523.3	620.3	628.2	348.9	410.3	564.4	667.5	672.3	376.2		461.8		
22	HFC-810110-SL	544.5	554.9	305.4	357.8	497.2	589.3	596.8	331.5	389.8	536.2	634.1	638.7	357.4		438.7		
23	HFC-810115	633.9	647.3	357.7	418.5	577.7	682.2	694.6	385.1	451.5	618.9	730.5	741.8	412.5		510.3		
24	HFC-810115-SL	602.2	615.0	339.8	397.6	548.8	648.1	659.8	365.9	428.9	587.9	694.0	704.7	391.9		484.8		
25	HFC-810120	677.3	675.0	380.1	449.5	616.7	730.2	718.9	411.1	487.9	663.6	782.8	763.2	442.4		548.0		
26	HFC-810120-SL	643.4	641.3	361.1	427.0	585.8	693.7	683.0	390.5	463.5	630.4	743.6	725.1	420.2		520.6		
27	HFC-812110	622.8	634.7	352.9	410.9	574.4	673.1	682.6	382.9	446.3	619.5	723.4	730.4	413.0		502.0		
28	HFC-812110-SL	591.6	603.0	335.2	390.4	545.7	639.4	648.4	363.8	424.0	588.6	687.3	693.9	392.3		476.9		
29	HFC-812115	683.1	684.1	386.8	445.7	628.1	738.3	733.6	418.7	482.2	676.3	793.4	783.1	450.9		551.8		
30	HFC-812115-SL	648.9	649.9	367.4	423.5	596.7	701.4	696.9	397.8	458.1	642.5	753.7	744.0	428.4		524.2		
31	HFC-812120	735.6	736.7	416.0	485.8	671.1	789.5	786.1	447.4	524.0	718.5	843.4	835.8	479.0		594.5		
32	HFC-812120-SL	698.8	699.9	395.2	461.5	637.6	750.0	746.8	425.0	497.8	682.6	801.3	794.1	455.1		564.7		
33	HFC-812125	787.2	779.2	443.8	524.6	715.0	844.9	831.2	476.6	565.6	763.9	902.6	882.4	509.3		637.4		
34	HFC-812125-SL	747.8	740.2	421.6	498.3	679.3	802.7	789.6	452.8	537.3	725.7	857.5	838.3	483.8		605.5		
35	HFC-510203	266.6	277.6	149.6	172.9	244.6	288.7	297.4	163.1	188.7	264.7	309.9	317.3	176.5		215.3		
36	HFC-510205	285.4	297.2	160.0	189.6	261.1	311.3	320.5	174.1	205.8	282.4	334.9	342.7	188.2		232.0		
37	HFC-51027.5	301.2	313.0	169.0	198.5	275.7	327.3	336.3	183.8	217.7	298.0	351.7	359.1	198.7		243.4		
38	HFC-612205	439.8	450.6	247.4	289.4	404.8	473.9	485.1	269.9	314.8	438.4	510.4	519.4	292.2		354.0		
39	HFC-61227.5	470.6	485.7	262.8	310.9	427.8	509.9	524.7	285.1	338.7	461.1	549.2	563.7	307.4		378.8		
40	HFC-612210	488.8	512.0	280.2	324.3	459.3	528.8	552.1	306.2	351.2	498.4	567.3	592.1	332.3		395.1		
41	HFC-71427.5	586.3	619.3	331.7	391.1	539.2	631.8	666.0	359.5	423.8	580.9	677.3	712.8	387.2		473.4		
42	HFC-71427.5-SL	557.0	588.3	315.1	371.6	512.2	600.2	632.7	341.5	402.6	551.8	643.4	677.2	367.9		449.8		
43	HFC-714210	631.5	649.8	354.6	419.1	575.9	682.7	699.2	383.9	454.5	620.0	733.5	748.7	413.4		509.4		
44	HFC-714210-SL	599.9	617.4	336.9	398.1	547.1	648.6	664.2	364.7	431.8	589.0	696.9	711.2	392.7		483.9		
45	HFC-714215	664.5	683.4	374.6	442.8	608.7	716.4	734.5	405.8	480.1	655.4	768.2	785.4	436.9		536.9		
46	HFC-714215-SL	631.3	649.3	355.9	420.6	578.3	680.6	697.8	385.5	456.1	622.6	729.8	746.1	415.1		510.0		
47	HFC-81627.5	889.7	901.7	494.2	603.7	809.6	968.8	973.8	539.7	663.1	877.8	1047.6	1045.9	585.2		715.0		
48	HFC-81627.5-SL	845.2	856.6	469.5	573.5	769.1	920.3	925.1	512.7	629.9	833.9	995.3	993.6	555.9		679.3		
49	HFC-816210	973.5	1010.4	545.2	635.5	896.3	1062.9	1099.5	597.5	695.0	974.8	1120.0	1120.0	649.9		780.5		
50	HFC-816210-SL	924.8	959.8	517.9	603.7	851.5	1009.8	1044.5	567.6	660.2	926.1	1064.0	1064.0	617.4		741.4		
51	HFC-816215	1068.7	1111.7	585.9	677.3	966.7	1120.0	1120.0	644.5	734.0	1054.6	1120.0	1120.0	703.0		856.0		
52	HFC-816215-SL	1015.2	1056.1	556.6	643.4	918.3	1064.0	1064.0	612.3	697.3	1001.8	1064.0	1064.0	667.9		813.2		
53	HFC-81927.5	1026.9	1044.1	579.0	676.1	945.1	1113.5	1125.4	630.1	734.8	1021.8	1200.3	1206.7	851.4		824.8		
54	HFC-81927.5-SL	975.6	991.9	550.0	642.3	897.8	1057.8	1069.1	598.6	698.1	970.7	1140.2	1146.3	808.9		783.5		
55	HFC-819210	1103.9	1122.8	620.6	723.2	1008.6	1193.7	1210.8	672.4	782.4	1086.3	1283.4	1298.6	724.3		887.7		
56	HFC-819210-SL	1048.7	1066.6	589.5	687.1	958.2	1134.1	1150.2	638.8	743.2	1032.0	1219.2	1233.7	688.1		843.3		
57	HFC-819215	1213.3	1221.4	684.9	808.4	1108.2	1306.6	1308.8	738.8	872.3	1189.0	1400.0	1396.4	792.6		979.5		
58	HFC-819215-SL	1152.6	1160.3	650.7	768.0	1052.8	1241.3	1243.4	701.8	828.7	1129.6	1330.0	1326.6	753.0		930.6		
59	HFC-819220	1272.9	1277.4	721.1	848.4	1162.5	1366.9	1366.6	774.9	911.7	1243.4	1460.8	1455.3	828.9		1028.4		
60	HFC-819220-SL	1209.3	1213.6	685.1	806.0	1104.3	1298.5	1298.2	736.2	866.1	1181.2	1387.7	1382.5	787.4		977.0		
61	HFC-82227.5	1124.1	1145.0	630.1	731.7	1029.6	1219.2	1236.1	686.5	794.6	1112.7	1314.2	1327.1	741.7		906.0		
62	HFC-82227.5-SL	1067.9	1087.8	598.6	695.2	978.1	1158.2	1174.3	652.2	754.9	1057.1	1248.5	1260.7	704.6		860.7		
63	HFC-822210	1203.2	1220.1	680.0	791.7	1107.4	1301.3	1313.2	738.3	856.7	1194.0	1398.9	1406.5	796.0		973.7		
64	HFC-822210-SL	1143.0	1159.1	646.0	752.1	1052.1	1236.2	1247.6	701.3	813.9	1134.3	1329.0	1336.2	756.2		925.0		
65	HFC-822215	1323.2	1326.4	747.4	869.5	1210.3	1426.4	1421.2	806.9	936.5	1299.5	1529.1	1516.0	866.4		1070.9		
66	HFC-822215-SL	1257.0	1260.0	710.0	826.0	1149.8	1355.1	1350.1	766.6	889.7	1234.5	1452.7	1440.2	823.0		1017.4		
67	HFC-822220	1415.4	1416.1	799.6	938.4	1288.5	1520.2	1513.5	859.0	1008.0	1377.5	1624.6	1610.8	918.3		1146.9		
68	HFC-822220-SL	1344.6	1345.3	759.6	891.5	1224.0	1444.2	1437.8	816.1	957.6	1308.6	1543.3	1530.3	872.4		1089.6		
69	HFC-827210	1320.9	1337.5	737.6	855.0	1204.6	1434.9	1442.5	803.0	931.7	1302.7	1549.1	1547.4	868.5		1065.3		
70	HFC-827210-SL	1254.9	1270.6	700.7	812.3	1144.3	1363.2	1370.4	762.9	885.1	1237.6	1471.6	1470.0	825.0		1012.1		
71	HFC-827215	1520.1	1528.1	854.3	984.3	1384.6	1640.9	1640.3	923.1	1063.5	1487.7	1761.9	1752.6	991.8		1234.6		
72	HFC-827215-SL	1444.1	1451.7	811.6	935.1	1315.4	1558.9	1558.3	876.9	1010.4	1413.4	1673.8	1664.9	942.2		1172.9		
73	HFC-827220	1628.8	1629.0	920.1	1074.0	1485.8	1750.2	1742.0	990.5	1158.3	1591.2	1871.7	1854.9	1060.8		1316.5		
74	HFC-827220-SL	1547.3	1547.5	874.1	1020.3	1411.5	1662.7	1654.9	940.9	1100.3	1511.6	1778.1	1762.2	1007.8		1250.7		
75	HFC-827225	1717.0	1715.6	967.5	1131.4	1556.2	1840.2	1832.8	1037.5	1214.4	1661.3	1963.6	1950.1	1107.5		1393.8		
76	HFC-827225-SL	1631.1	1629.8	919.1	1074.8	1478.4	1748.2	1741.1	985.6	1153.7	1578.2	1865.4	1852.6	1052.2		1324.1		
77	HFC-1010403	505.2	526.0	283.4	327.6	463.5	546.9	563.4	309.0	357.5	501.6	587.1	601.3	334.4		408.0		
78	HFC-1010405	540.7	563.1	303.1	373.8	494.7	589.9	607.3	329.8	389.9	535.0	634.6	649.3	356.7		439.5		
79	HFC-101047.5	570.7	593.1	320.2	376.2	522.4	620.1	637.2	348.2	412.5	564.6	666.5	680.4	376.4		461.1		
80	HFC-1212405	833.3	853.7	468.9	548.3	767.0	898.0	919.2	511.4	596.6	830.6	967.0	984.1	553.8		670.7		
81	HFC-121247.5	891.6	920.2	497.9	589.2	810.5	966.2	994.1	540.3	641.8	873.5	1040.6	1068.0	582.3		717.7		
82	HFC-1212410	926.1	970.1	530.8	614.4	870.3	1001.9	1046.0	580.2	665.5	944.4	1074.9	1121.7	629.6		748.4		
83	HFC-141447.5	1110.9	1173.3	628.5	741.0	1021.7	1197.1	1261.9	681.1	802.8	1100.5	1283.2	1350.6	733.7		897.0		
84	HFC-141447.5-SL	1055.4	1114.6	597.1	703.9	970.6	1137.2	1198.8	647.1	762.7	1045.5	1219.0	1283.1	697.1		852.2		
85	HFC-1414410	1196.4	1231.3	671.8	794.0	1091.2	1293.5	1324.9	727.4	861.2	1174.7	1389.9	1418.6	783.2		965.2		

	Approach °F	Flow #1 Inlet	Flow	PD @	Flow # 2 Inlet	Flow	PD @	Flow # 3 Inlet	Flow	PD @
	Inlet Water Temperature °F	Con-nec-tions	# 1	Flow # 1	Con-nec-tions	# 2	Flow # 2	Con-nec-tions	# 3	Flow # 3
	Outlet Water Temperature °F	(Qty)-Size	(gpm)	(PSI @ 90°F)	(Qty)-Size	(gpm)	(PSI @ 90°F)	(Qty)-Size	(gpm)	(PSI @ 90°F)
1	HFC-505103	(1) - 3	100	2.46	(1) - 3	175	5.69	(1) - 3	250	10.36
2	HFC-505105	(1) - 3	100	2.46	(1) - 3	175	5.69	(1) - 3	250	10.36
3	HFC-50517.5	(1) - 3	100	2.46	(1) - 3	175	5.69	(1) - 3	250	10.36
4	HFC-606105	(1) - 3	150	3.84	(1) - 3	225	7.37	(1) - 3	325	13.89
5	HFC-60617.5	(1) - 3	150	3.84	(1) - 3	225	7.37	(1) - 3	325	13.89
6	HFC-606110	(1) - 3	150	3.84	(1) - 3	225	7.37	(1) - 3	325	13.89
7	HFC-70717.5	(1) - 4	200	4.50	(1) - 4	300	8.76	(1) - 4	400	14.43
8	HFC-70717.5-SL	(1) - 4	200	4.50	(1) - 4	300	8.76	(1) - 4	400	14.43
9	HFC-707110	(1) - 4	200	4.50	(1) - 4	300	8.76	(1) - 4	400	14.43
10	HFC-707110-SL	(1) - 4	200	4.50	(1) - 4	300	8.76	(1) - 4	400	14.43
11	HFC-707115	(1) - 4	200	4.50	(1) - 4	300	8.76	(1) - 4	400	14.43
12	HFC-707115-SL	(1) - 4	200	4.50	(1) - 4	300	8.76	(1) - 4	400	14.43
13	HFC-80817.5	(1) - 4	250	5.60	(1) - 4	350	9.84	(1) - 4	450	15.26
14	HFC-80817.5-SL	(1) - 4	250	5.60	(1) - 4	350	9.84	(1) - 4	450	15.26
15	HFC-808110	(1) - 4	250	5.60	(1) - 4	350	9.84	(1) - 4	450	15.26
16	HFC-808110-SL	(1) - 4	250	5.60	(1) - 4	350	9.84	(1) - 4	450	15.26
17	HFC-808115	(1) - 4	250	5.60	(1) - 4	350	9.84	(1) - 4	450	15.26
18	HFC-808115-SL	(1) - 4	250	5.60	(1) - 4	350	9.84	(1) - 4	450	15.26
19	HFC-81017.5	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
20	HFC-81017.5-SL	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
21	HFC-810110	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
22	HFC-810110-SL	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
23	HFC-810115	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
24	HFC-810115-SL	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
25	HFC-810120	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
26	HFC-810120-SL	(2) - 4	375	5.05	(2) - 4	525	8.82	(2) - 4	675	13.64
27	HFC-812110	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
28	HFC-812110-SL	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
29	HFC-812115	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
30	HFC-812115-SL	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
31	HFC-812120	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
32	HFC-812120-SL	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
33	HFC-812125	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
34	HFC-812125-SL	(2) - 4	450	5.87	(2) - 4	600	9.52	(2) - 4	750	14.03
35	HFC-510203	(2) - 3	225	2.89	(2) - 3	375	6.37	(2) - 3	525	11.27
36	HFC-510205	(2) - 3	225	2.89	(2) - 3	375	6.37	(2) - 3	525	11.27
37	HFC-51027.5	(2) - 3	225	2.89	(2) - 3	375	6.37	(2) - 3	525	11.27
38	HFC-612205	(2) - 3	300	3.84	(2) - 3	450	7.37	(2) - 3	625	12.96
39	HFC-61227.5	(2) - 3	300	3.84	(2) - 3	450	7.37	(2) - 3	625	12.96
40	HFC-612210	(2) - 3	300	3.84	(2) - 3	450	7.37	(2) - 3	625	12.96
41	HFC-71427.5	(2) - 4	400	4.50	(2) - 4	575	8.15	(2) - 4	750	12.88
42	HFC-71427.5-SL	(2) - 4	400	4.50	(2) - 4	575	8.15	(2) - 4	750	12.88
43	HFC-714210	(2) - 4	400	4.50	(2) - 4	575	8.15	(2) - 4	750	12.88
44	HFC-714210-SL	(2) - 4	400	4.50	(2) - 4	575	8.15	(2) - 4	750	12.88
45	HFC-714215	(2) - 4	400	4.50	(2) - 4	575	8.15	(2) - 4	750	12.88
46	HFC-714215-SL	(2) - 4	400	4.50	(2) - 4	575	8.15	(2) - 4	750	12.88
47	HFC-81627.5	(2) - 4	500	5.60	(2) - 4	650	8.67	(2) - 4	825	13.10
48	HFC-81627.5-SL	(2) - 4	500	5.60	(2) - 4	650	8.67	(2) - 4	825	13.10
49	HFC-816210	(2) - 4	500	5.60	(2) - 4	650	8.67	(2) - 4	825	13.10
50	HFC-816210-SL	(2) - 4	500	5.60	(2) - 4	650	8.67	(2) - 4	825	13.10
51	HFC-816215	(2) - 4	500	5.60	(2) - 4	650	8.67	(2) - 4	825	13.10
52	HFC-816215-SL	(2) - 4	500	5.60	(2) - 4	650	8.67	(2) - 4	825	13.10
53	HFC-81927.5	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
54	HFC-81927.5-SL	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
55	HFC-819210	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
56	HFC-819210-SL	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
57	HFC-819215	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
58	HFC-819215-SL	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
59	HFC-819220	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
60	HFC-819220-SL	(4) - 4	725	5.39	(4) - 4	975	8.82	(4) - 4	1225	13.09
61	HFC-82227.5	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
62	HFC-82227.5-SL	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
63	HFC-822210	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
64	HFC-822210-SL	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
65	HFC-822215	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
66	HFC-822215-SL	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
67	HFC-822220	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
68	HFC-822220-SL	(4) - 4	825	5.67	(4) - 4	1075	8.83	(4) - 4	1350	13.09
69	HFC-827210	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
70	HFC-827210-SL	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
71	HFC-827215	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
72	HFC-827215-SL	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
73	HFC-827220	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
74	HFC-827220-SL	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
75	HFC-827225	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
76	HFC-827225-SL	(4) - 4	900	5.32	(4) - 4	1225	8.89	(4) - 4	1550	13.36
77	HFC-1010403	(4) - 3	450	2.89	(4) - 3	725	6.02	(4) - 3	1025	10.81
78	HFC-1010405	(4) - 3	450	2.89	(4) - 3	725	6.02	(4) - 3	1025	10.81
79	HFC-101047.5	(4) - 3	450	2.89	(4) - 3	725	6.02	(4) - 3	1025	10.81
80	HFC-1212405	(4) - 3	575	3.60	(4) - 3	900	7.37	(4) - 3	1225	12.51
81	HFC-121247.5	(4) - 3	575	3.60	(4) - 3	900	7.37	(4) - 3	1225	12.51
82	HFC-1212410	(4) - 3	575	3.60	(4) - 3	900	7.37	(4) - 3	1225	12.51
83	HFC-141447.5	(4) - 4	800	4.50	(4) - 4	1125	7.85	(4) - 4	1450	12.14
84	HFC-141447.5-SL	(4) - 4	800	4.50	(4) - 4	1125	7.85	(4) - 4	1450	12.14
85	HFC-1414410	(4) - 4	800	4.50	(4) - 4	1125	7.85	(4) - 4	1450	12.14

STD-201RS Table 4a - IP Units - Closed Circuit (CC)

CLOSED CIRCUIT COOLER SERIES HFC

	STD-201RS Table 3a - IP Units - Cooling Towers (CT)																							
	Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Wet Bulb °F	50	50	50	50	50	55	55	55	55	55	60	60	60	60	60	65	65	65	65	65	70	70	70
	Range °F	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10	10	10
	Approach °F	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7	10	12
	Inlet Water Temperature °F	67	70	72	77	75	72	75	77	82	80	77	80	82	87	85	82	85	87	92	90	87	90	92
	Outlet Water Temperature °F	57	60	62	65	60	62	65	67	70	65	67	70	72	75	70	72	75	77	80	75	77	80	82
	Model Capacity (GPM)																							
86	HFC-1414410-SL	308.8	480.8	587.8	635.9	320.6	371.2	560.1	679.4	724.9	373.5	436.7	639.6	770.3	813.7	426.3	500.5	718.9	862.9	902.8	479.3	564.5	798.3	953.4
87	HFC-1414415	344.4	534.1	670.2	716.0	356.1	415.1	622.4	768.5	812.6	415.0	485.7	711.1	867.5	909.1	474.0	556.4	799.5	965.1	1005.5	533.0	627.1	887.9	1063.3
88	HFC-1414415-SL	327.2	507.4	636.7	680.2	338.3	394.3	591.3	730.1	772.0	394.2	461.4	675.5	824.1	863.6	450.3	528.6	759.5	916.8	955.2	506.3	595.7	843.5	1010.2
89	HFC-161647.5	356.0	628.9	789.3	889.4	419.2	468.5	758.2	938.7	1025.9	505.5	580.9	887.5	1087.5	1162.6	591.6	693.8	1017.3	1236.4	1299.2	678.3	806.6	1145.7	1383.5
90	HFC-161647.5-SL	338.2	597.4	749.8	844.9	398.2	445.1	720.3	891.8	974.6	480.2	551.9	843.1	1033.1	1104.5	562.0	659.1	966.4	1174.6	1234.2	644.3	766.3	1088.4	1314.3
91	HFC-1616410	396.0	648.7	833.6	900.2	432.4	527.7	805.5	998.7	1069.2	537.0	640.3	954.4	1166.9	1238.2	636.2	753.2	1102.9	1338.7	1407.1	735.2	866.0	1251.8	1505.2
92	HFC-1616410-SL	376.2	616.2	791.9	855.2	410.8	501.3	765.3	948.8	1015.7	510.2	608.3	906.6	1108.5	1176.3	604.4	715.5	1047.7	1271.8	1336.8	698.5	822.7	1189.2	1430.0
93	HFC-1616415	455.4	674.7	862.8	957.0	449.9	638.3	833.3	1039.9	1111.8	555.5	739.0	999.5	1241.4	1310.8	666.4	853.8	1166.2	1429.1	1509.8	777.5	960.3	1332.5	1628.3
94	HFC-1616415-SL	432.6	641.0	819.7	909.2	427.4	606.4	791.6	987.9	1056.2	527.7	702.0	949.5	1179.3	1245.2	633.1	811.1	1107.9	1357.7	1434.3	738.6	912.3	1265.9	1546.9
95	HFC-161947.5	435.1	769.3	935.8	1050.6	512.9	560.7	921.9	1115.5	1216.8	614.6	691.7	1066.4	1308.0	1395.7	711.0	806.5	1228.5	1469.2	1543.5	819.0	935.6	1367.1	1648.2
96	HFC-161947.5-SL	413.4	730.9	889.0	998.1	487.3	532.7	875.8	1059.7	1156.0	583.8	657.2	1013.1	1242.6	1325.9	675.4	766.2	1167.1	1395.7	1466.3	778.1	888.8	1298.7	1565.8
97	HFC-1619410	490.2	884.2	1036.2	1170.2	589.5	621.4	1039.6	1224.9	1341.1	693.1	755.5	1186.5	1419.4	1522.5	791.0	883.6	1352.4	1602.6	1680.0	901.6	1004.4	1495.2	1780.1
98	HFC-1619410-SL	465.7	840.0	984.4	1111.7	560.0	590.3	987.6	1163.7	1274.0	658.4	717.7	1127.2	1348.4	1446.4	751.4	839.4	1284.8	1522.5	1596.0	856.6	954.2	1420.4	1691.1
99	HFC-1619415	686.8	1054.4	1280.8	1374.1	702.9	813.1	1216.8	1468.8	1547.5	811.2	946.1	1386.0	1664.7	1728.1	924.0	1062.8	1541.4	1842.5	1890.0	1027.6	1191.2	1695.8	2026.1
100	HFC-1619415-SL	652.5	1001.7	1216.8	1305.4	667.7	772.5	1156.0	1395.4	1470.1	770.7	898.7	1316.7	1581.4	1641.7	877.8	1009.7	1464.3	1750.4	1795.5	976.3	1131.7	1611.0	1924.8
101	HFC-1619420	761.7	1157.0	1407.3	1488.3	771.3	893.3	1323.7	1598.4	1665.7	882.4	1028.6	1488.9	1796.2	1851.5	992.6	1156.3	1662.2	1976.8	2016.8	1108.1	1287.9	1821.8	2165.2
102	HFC-1619420-SL	723.6	1099.1	1336.9	1413.9	732.8	848.7	1257.5	1518.5	1582.4	838.3	977.2	1414.5	1706.4	1758.9	942.9	1098.4	1579.0	1878.0	1916.0	1052.7	1223.5	1730.7	2056.9
103	HFC-162247.5	461.4	811.8	1005.7	1128.1	541.2	595.1	980.2	1202.0	1310.3	653.5	737.2	1162.9	1412.6	1506.3	775.2	852.9	1307.3	1585.9	1669.5	871.5	999.6	1478.4	1783.1
104	HFC-162247.5-SL	438.3	771.2	955.4	1071.7	514.1	565.4	931.2	1141.9	1244.8	620.8	700.3	1104.7	1341.9	1431.0	736.5	810.3	1241.9	1506.6	1586.0	827.9	949.6	1404.5	1694.0
105	HFC-1622410	550.1	965.6	1150.0	1279.2	643.8	687.4	1133.0	1352.5	1463.4	755.3	836.3	1302.0	1558.2	1656.0	868.0	955.7	1470.0	1764.2	1827.8	980.0	1104.8	1628.6	1948.6
106	HFC-1622410-SL	522.6	917.3	1092.5	1215.3	611.6	653.1	1076.3	1284.9	1390.2	717.5	794.5	1236.9	1480.3	1573.2	824.6	907.9	1396.5	1676.0	1736.4	931.0	1049.6	1547.1	1851.2
107	HFC-1622415	748.2	1169.0	1406.9	1501.7	779.3	890.1	1346.5	1614.8	1695.8	897.6	1041.3	1537.2	1834.7	1900.5	1024.8	1167.7	1692.6	2024.2	2078.2	1128.4	1307.3	1871.1	2229.5
108	HFC-1622415-SL	710.8	1110.5	1336.6	1426.6	740.3	845.6	1279.2	1534.1	1611.0	852.8	989.2	1460.3	1742.9	1805.5	973.6	1109.3	1608.0	1923.0	1974.3	1072.0	1241.9	1777.5	2118.0
109	HFC-1622420	864.4	1325.8	1588.2	1667.0	883.9	1009.8	1505.6	1797.8	1864.0	1003.7	1161.7	1692.6	2013.2	2066.7	1128.4	1302.4	1858.5	2217.2	2267.2	1239.0	1433.1	2038.6	2417.2
110	HFC-1622420-SL	821.1	1259.5	1508.8	1583.6	839.7	959.3	1430.3	1707.9	1770.8	953.5	1103.6	1608.0	1912.5	1963.4	1072.0	1237.3	1765.6	2106.3	2153.8	1177.1	1361.5	1936.6	2296.3
111	HFC-1627410	629.1	1039.6	1254.4	1377.1	693.1	778.1	1229.9	1480.6	1589.6	819.9	926.9	1433.3	1715.9	1820.0	955.5	1084.1	1606.0	1935.0	2005.5	1070.7	1218.4	1787.1	2144.7
112	HFC-1627410-SL	597.6	987.6	1191.7	1308.2	658.4	739.1	1168.4	1406.6	1510.1	778.9	880.6	1361.6	1630.1	1729.0	907.7	1029.9	1525.7	1838.3	1905.2	1017.2	1157.5	1697.7	2037.5
113	HFC-1627415	834.6	1272.2	1555.8	1656.3	848.2	989.9	1475.3	1789.8	1876.9	983.5	1161.5	1690.5	2042.5	2108.7	1127.0	1292.2	1876.4	2247.4	2310.0	1250.9	1454.0	2072.2	2475.5
114	HFC-1627415-SL	792.9	1208.6	1478.0	1573.5	805.8	940.4	1401.5	1700.3	1783.0	934.4	1103.4	1606.0	1940.3	2003.3	1070.6	1227.6	1782.5	2135.0	2194.5	1188.3	1381.3	1968.6	2351.7
115	HFC-1627420	937.5	1440.1	1736.3	1824.3	960.1	1101.0	1646.1	1975.6	2049.6	1097.4	1275.6	1862.2	2229.9	2292.5	1241.4	1424.1	2052.8	2446.1	2488.5	1368.5	1584.6	2256.5	2679.0
116	HFC-1627420-SL	890.7	1368.1	1649.5	1733.1	912.1	1046.0	1563.8	1876.8	1947.1	1042.5	1211.9	1769.1	2118.4	2177.8	1179.3	1352.9	1950.1	2323.8	2364.1	1300.0	1505.3	2143.6	2545.0
117	HFC-1627425	1034.3	1581.4	1901.9	1957.9	1054.3	1203.9	1788.8	2142.4	2189.9	1192.5	1382.6	1998.7	2392.3	2421.1	1332.5	1543.6	2204.5	2622.2	2667.8	1469.7	1709.3	2407.1	2854.3
118	HFC-1627425-SL	982.5	1502.3	1806.8	1860.0	1001.6	1143.7	1699.3	2035.3	2080.4	1132.9	1313.5	1898.7	2272.7	2300.0	1265.8	1466.4	2094.3	2491.1	2534.4	1396.2	1623.8	2286.8	2711.6
119	HFC-81217.5-F	198.0	307.8	374.5	398.2	205.2	229.2	348.0	421.8	447.1	232.0	266.3	393.6	476.4	502.5	262.4	309.6	446.9	538.8	565.0	297.9	356.4	507.6	608.6
120	HFC-812110-F	226.2	343.6	416.9	441.4	229.0	262.2	387.8	470.4	495.0	258.6	305.0	438.0	527.9	554.5	292.0	346.8	495.6	594.6	621.0	330.4	397.6	561.0	670.2
121	HFC-812115-F	271.7	399.0	481.8	506.5	266.0	313.8	449.2	540.0	566.0	299.4	355.9	505.2	605.2	631.0	336.8	404.2	568.8	677.8	702.7	379.2	460.0	639.6	758.4
122	HFC-812120-F	309.4	442.4	531.6	556.5	295.0	349.9	496.2	595.2	619.5	330.8	396.0	556.8	664.2	688.0	371.2	448.3	624.5	740.4	763.8	416.3	506.6	697.2	823.2
123	HFC-812125-F	335.6	477.6	571.8	596.5	318.4	379.2	534.6	638.4	662.5	356.4	427.8	597.6	709.8	733.0	398.4	483.0	667.0	788.2	809.5	444.6	543.6	742.1	872.4
124	HFC-1012105-F		340.2	422.1	443.6	226.8		403.0	487.7	505.6	268.6	321.3	461.0	556.9	571.1	307.2	378.1	521.4	621.6	639.3	347.6	432.4	584.4	692.2
125	HFC-101217.5-F		416.4	498.3	514.5	277.6	336.1	476.8	560.7	577.4	317.9	386.3	538.0	626.2	646.6	358.7	439.1	599.2	702.5	717.7	399.4	494.3	663.1	776.3
126	HFC-1012110-F	327.6	468.7	551.9	579.9	312.5	379.7	529.2	621.1	643.4	352.8	430.5	588.4	691.8	708.1	392.3	483.3	655.2	763.8	779.8	436.8	538.0	720.4	837.1
127	HFC-1012115-F	392.1	531.6	619.9	640.5	354.5	447.3	594.2	690.2	710.9	396.1	497.0	657.8	763.8	780.5	438.6	547.6	722.2	838.6	850.5	481.4	599.0	787.5	896.0
128	HFC-1012120-F	438.5	581.5	678.1	695.1	387.7	493.8	641.1	746.0	767.1	427.5	541.7	705.5	819.5	835.2	470.3	589.8	770.4	893.6	896.0	513.6	638.1	835.7	896.0
129	HFC-1012125-F	473.2	616.1	720.7	743.4	410.8	528.7	679.5	791.8	816.8	453.0	575.0	743.6	864.2	881.8	495.8	621.4	808.3	896.0	896.0	538.9	667.6	873.1	896.0
130	HFC-1012130-F	488.9	636.9	737.1	766.5	424.6	542.5	695.6	812.3	840.6	463.8	589.7	758.6	882.1	896.0	505.8	634.1	824.0	896.0	896.0	549.4	679.6	888.4	896.0
131	HFC-101617.5-F	321.3	488.3	585.9	613.2	325.5	393.3	565.5	672.7	684.5	377.0	458.5	645.0	765.5	787.9	430.0	527.8	727.9	860.1	884.1	485.3	601.4	814.2	959.3
132	HFC-1016110-F	378.0	555.7	649.5	680.4	370.4	446.8	632.5	745.7	768.6	421.7	517.0	715.7	841.7	864.6	477.1	588.0	801.9	943.5	966.3	534.6	664.4	890.8	1047.2
133	HFC-1016115-F	458.7	641.8	749.9	766.2	427.8	527.3	726.4	849.2	865.6	484.3	599.0	815.2	951.5	967.3	543.5	673.4	902.8	1056.0	1071.8	601.9	750.4	994.2	1163.1
134	HFC-1016120-F	514.1	703.1	816.0	837.0	468.7	584.6	789.8	918.8	938.1	526.5	656.9	878.2	1014.3	1041.1	585.5	731.3	973.6	1131.1	1145.8	649.1	807.7	1068.4	1240.4
135	HFC-1016125-F	560.1	748.2	874.0	900.4	498.8	635.0	839.4	978.8	1002.2	559.7	708.1	935.1	1085.4	1100.4	623.5	780.4	1027.0	1193.6	1208.4	684.7	855.0	1123.2	1299.2
136	HFC-1016130-F	606.8	798.3	927.3	959.8	532.2	677.4	889.8	1033.0	1060.4	593.3	749.0	982.3	1139.9	1162.4	654.9	821.4	1075.9	1248.0	1262.7	717.3	894.7	1170.5	1299.2
137	HFC-1016140-F	672.9	851.1	1008.0	1041.3	567.4	740.7	944.8	1105.7	1139.3	629.8	807.7	1034.5	1212.0	1236.7	689.6	876.1	1134.2	1299.2	1299.2	756.2	943.7	1230.2	1299.2
138	HFC-1216110-F	430.9	627.5	739.6	771.8	418.3	511.7	711.6	838.4	859.2	474.4	585.1	803.9	942.6	960.2	535.9	663.1	893.8	1050.5	1068.9	595.9	744.0	989.0	1161.1
139	HFC-1216115-F	517.2	724.5	844.2	861.0	483.0	596.6	812.2	947.6	967.3	541.4	673.1	906.4	1057.6	1075.6	604.2	752.1	1002.6	1169.6	1186.0	668.4	833.5	1100.9	1284.0
140	HFC-1216120-F	587.8	796.3	923.6	956.8	530.9	665.5	886.4	1027.8	1053.3	590.9	738.4	982.9	1140.4	1161.6	655.3	819.1	1081.1	1254.5	1270.9	720.7	898.2	1180.6	1344.0
141	HFC-1216125-F	636.7	850.5	990.5	1024.2	567.0	716.5	942.0	1095.0	1124.3	627.9	791.9	1040.0	1207.9	1230.9	693.3	867.7	1139.1	1322.3	1337.7	759.5	944.7	1239.4	1344.0
142	HFC-1216130-F	688.7	889.9	1036.4	1077.0	593.3	761.5	987.5	1148.4	1181.6	658.4	834.5	1086.0	1261.1	1285.8	724.0	907.9	1185.1	1344.0	1344.0	790.1	981.6	1285.1	1344.0
143	HFC-1216140-F	757.7	963.8	1128.8	1180.7	642.5	828.2	1062.1	1239.1	1279.6	708.0	898.4	1160.5	1344.0	1344.0	773.6	968.2	1259.1	1344.0	1344.0	839.4	1037.6	1344.0	1344.0
144	HFC-1218115-F	535.5	767.3	914.1	927.0	511.6	610.1	870.1	1026.2	1048.5	580.1	698.7	979.0	1150.4	1174.2	652.7	800.2	1093.1	1285.9	1315.3	728.7	902.6	1209.4	1421.4
145	HFC-1218120-F	597.2	853.0	1001.7	1023.8	568.7	690.1	955.1	1123.3	1148.0	636.7	786.3	1074.8	1249.9	1281.3	716.5	888.7	1186.7	1400.1	1424.5	791.1	994.2	1306.6	1543.7
146	HFC-1218125-F	621.0	902.2	1045.8	1102.5	601.4	739.1	1014.8	1174.4	1219.5	676.5	834.1	1130.2	1318.6	1338.8	753.5	936.1	1259.3	1464.3	1500.0	839.5	1050.1	1377.0	1568.0
147	HFC-1218130-F	696.8	952.6	1103.1	1143.5	635.0	791.7	1069.2	1235.4	1268.7	712.8	884.5	1181.9	1369.6	1408.4	787.9	989.7	1308.6	1524.6	1550.2	872.4	1092.9	1433.0	1568.0
148	HFC-1218140-F	793.8	1064.1	1247.4	1285.2	709.4	901.1	1189.7	1395.7	1432.9	793.2	1004.4	1316.7	1547.7	1566.6	877.8	1110.0	1457.9	1701.5	1720.8	972.0	1217.4	1595.7	1857.8
149	HFC-1218150-F	856.8	1145.3	1324.3	1352.4	763.6	966.0	1263.9	1472.2	1516.1	842.6	1064.7	1392.3	1624.4	1657.2	928.2	1171.3	1533.3	1778.3	1798.7	1022.2	1275.8	1670.3	1933.7
150	HFC-1218160-F	922.3	1210.2	1396.1	1454.3	806.8	1025.0	1338.0	1554.0	1607.8	892.0	1125.2	1467.5	1705.8	1750.4	978.4	1224.9	1607.0	1858.6	1878.0	1071.3	1325.7	1743.1	2012.3

	COOLING TOWERS SERIES RT																																			
	Condition Reference #	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49									
	Wet Bulb °F	70	70	75	75	75	75	75	80	80	80	80	80	85	85	85	85	85	90	90	90	90	90	69.8	78	80.6	82.4									
	Range °F	12	15	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	9	12	9	9									
	Approach °F	15	10	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	10.8	12	9	7.2	Flow #1 Inlet	Flow	PD @	Flow # 2 Inlet	Flow	PD @	Flow # 3 Inlet	Flow	PD @
	Inlet Water Temperature °F	97	95	92	95	97	102	100	97	100	102	107	105	102	105	107	112	110	107	110	112	117	115	89.6	102	98.6	98.6	Con-nec-tions	# 1	Flow # 1	Con-nec-tions	# 2	Flow # 2	Con-nec-tions	# 3	Flow # 3
	Outlet Water Temperature °F	85	80	82	85	87	90	85	87	90	92	95	90	92	95	97	100	95	97	100	102	105	100	80.6	90	89.6	89.6	(Qty)-Size	(gpm)	(PSI @ 90°F)	(Qty)-Size	(gpm)	(PSI @ 90°F)	(Qty)-Size	(gpm)	(PSI @ 90°F)
	Model Capacity (GPM)																																			
86	HFC-1414410-SL	991.7	532.2	628.4	877.6	1046.1	1080.9	585.1	692.4	957.4	1136.6	1169.8	638.2	754.3	1036.6	1228.8	1258.6	691.1	818.1	1116.0	1320.4	1347.6	744.0		916.9			(4) - 4	800	4.50	(4) - 4	1125	7.85	(4) - 4	1450	12.14
87	HFC-1414415	1102.2	592.0	697.8	976.4	1161.2	1198.6	650.9	768.1	1064.8	1259.2	1295.0	709.9	839.0	1153.3	1357.4	1391.6	768.9	909.5	1241.8	1455.5	1488.1	827.8		1017.1			(4) - 4	800	4.50	(4) - 4	1125	7.85	(4) - 4	1450	12.14
88	HFC-1414415-SL	1047.1	562.4	662.9	927.6	1103.1	1138.6	618.4	729.7	1011.6	1196.2	1230.2	674.4	797.0	1095.7	1289.6	1322.0	730.5	864.0	1179.7	1382.7	1413.7	786.4		966.3			(4) - 4	800	4.50	(4) - 4	1125	7.85	(4) - 4	1450	12.14
89	HFC-161647.5	1435.5	763.7	917.5	1274.4	1538.9	1572.1	849.5	1032.4	1404.6	1685.8	1708.4	936.4	1143.8	1534.0	1835.5	1845.1	1022.6	1256.3	1663.2	1985.0	1981.7	1108.8		1354.7			(4) - 4	975	5.38	(4) - 4	1325	8.96	(4) - 4	1675	13.45
90	HFC-161647.5-SL	1363.7	725.5	871.6	1210.6	1462.0	1493.5	807.1	980.7	1334.4	1601.5	1623.0	889.6	1086.6	1457.3	1743.7	1752.9	971.4	1193.5	1580.0	1885.7	1882.6	1053.4		1286.9			(4) - 4	975	5.38	(4) - 4	1325	8.96	(4) - 4	1675	13.45
91	HFC-1616410	1576.1	834.5	978.6	1400.6	1673.9	1745.4	933.8	1091.4	1549.6	1844.6	1914.3	1033.0	1204.2	1698.2	2014.0	2083.2	1132.1	1316.9	1847.0	2183.2	2240.0	1231.3		1485.3			(4) - 4	975	5.38	(4) - 4	1325	8.96	(4) - 4	1675	13.45
92	HFC-1616410-SL	1497.3	792.7	929.6	1330.6	1590.2	1658.1	887.1	1036.8	1472.1	1752.4	1818.6	981.4	1144.0	1613.3	1913.3	1979.0	1075.5	1251.1	1754.7	2074.0	2128.0	1169.8		1411.1			(4) - 4	975	5.38	(4) - 4	1325	8.96	(4) - 4	1675	13.45
93	HFC-1616415	1708.4	888.4	1069.6	1498.9	1827.5	1907.4	999.2	1173.7	1665.2	2024.8	2106.4	1110.1	1283.4	1831.7	2220.8	2240.0	1221.1	1390.8	1998.0	2240.0	2240.0	1332.1		1618.7			(4) - 4	975	5.38	(4) - 4	1325	8.96	(4) - 4	1675	13.45
94	HFC-1616415-SL	1623.0	843.9	1016.2	1423.9	1736.2	1812.0	949.3	1115.0	1581.9	1923.5	2001.1	1054.6	1219.2	1740.1	2109.8	2128.0	1160.1	1321.3	1898.1	2128.0	2128.0	1265.5		1537.7			(4) - 4	975	5.38	(4) - 4	1325	8.96	(4) - 4	1675	13.45
95	HFC-161947.5	1709.7	911.4	1055.9	1528.8	1819.7	1868.2	1019.2	1188.8	1685.9	2013.7	2047.8	1123.9	1314.0	1838.0	2193.7	2214.0	1225.4	1439.6	1990.7	2373.4	2380.2	1327.2		1620.2			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
96	HFC-161947.5-SL	1624.2	865.8	1003.1	1452.4	1728.7	1774.8	968.3	1129.4	1601.6	1913.0	1945.4	1067.7	1248.3	1746.1	2084.0	2103.3	1164.1	1367.6	1891.2	2254.7	2261.2	1260.8		1539.1			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
97	HFC-1619410	1841.9	996.8	1136.3	1653.8	1973.7	2016.8	1102.5	1281.4	1815.5	2168.4	2195.3	1210.3	1408.1	1972.0	2357.0	2366.2	1314.7	1539.2	2127.4	2545.7	2537.1	1418.2		1752.7			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
98	HFC-1619410-SL	1749.8	946.9	1079.5	1571.1	1875.0	1916.0	1047.4	1217.3	1724.7	2059.9	2085.6	1149.8	1337.6	1873.4	2239.2	2247.9	1249.0	1462.2	2021.0	2418.4	2410.3	1347.3		1665.0			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
99	HFC-1619415	2065.0	1130.5	1312.0	1862.7	2208.2	2226.8	1241.8	1445.2	2029.4	2408.9	2414.1	1352.9	1571.4	2192.0	2597.0	2587.4	1461.3	1697.9	2354.4	2785.0	2760.8	1569.6		1952.3			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
100	HFC-1619415-SL	1961.8	1074.0	1246.4	1769.6	2097.7	2115.5	1179.7	1373.0	1928.0	2288.5	2293.4	1285.3	1492.9	2082.4	2467.1	2458.0	1388.2	1613.0	2236.7	2645.8	2622.7	1491.2		1854.7			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
101	HFC-1619420	2193.7	1214.5	1410.7	1985.6	2357.4	2371.2	1323.7	1551.3	2157.1	2553.8	2552.8	1438.1	1683.4	2323.9	2744.8	2730.2	1549.3	1815.0	2490.5	2935.9	2907.7	1660.4		2070.1			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
102	HFC-1619420-SL	2084.0	1153.8	1340.1	1886.3	2239.5	2252.7	1257.5	1473.7	2049.3	2426.1	2425.1	1366.2	1599.2	2207.7	2607.6	2593.7	1471.8	1724.3	2366.0	2789.1	2762.3	1577.3		1966.6			(8) - 4	1250	4.26	(8) - 4	1700	7.00	(8) - 4	2150	10.43
103	HFC-162247.5	1846.2	985.6	1124.2	1647.5	1975.6	2030.0	1098.3	1264.0	1822.2	2183.8	2220.9	1214.7	1397.7	1990.6	2380.1	2402.9	1327.1	1531.4	2159.0	2576.5	2585.1	1439.3		1757.6			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
104	HFC-162247.5-SL	1753.9	936.4	1068.0	1565.1	1876.8	1928.5	1043.4	1200.8	1731.1	2074.6	2109.8	1154.0	1327.8	1891.1	2261.1	2282.8	1260.7	1454.9	2051.1	2447.7	2455.8	1367.4		1669.7			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
105	HFC-1622410	2004.7	1085.7	1244.1	1802.3	2153.9	2201.5	1201.5	1373.3	1968.1	2363.8	2383.5	1312.1	1511.5	2136.9	2568.1	2569.4	1424.5	1648.8	2304.2	2770.6	2753.7	1536.2		1910.1			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
106	HFC-1622410-SL	1904.4	1031.4	1181.9	1712.2	2046.2	2091.5	1141.4	1304.6	1869.7	2245.6	2264.3	1246.5	1435.9	2030.0	2439.7	2440.9	1353.3	1566.4	2189.0	2632.1	2616.0	1459.3		1814.6			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
107	HFC-1622415	2270.6	1247.4	1447.4	2052.8	2435.7	2465.7	1368.5	1600.0	2234.4	2654.3	2666.0	1489.6	1741.1	2412.0	2862.1	2860.0	1608.0	1883.0	2589.6	3070.0	3054.0	1726.4		2148.3			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
108	HFC-1622415-SL	2157.1	1185.0	1375.1	1950.1	2313.9	2342.4	1300.0	1520.0	2122.7	2521.6	2532.7	1415.2	1654.1	2291.4	2719.0	2717.0	1527.6	1788.8	2460.1	2916.5	2901.3	1640.1		2040.9			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
109	HFC-1622420	2443.0	1359.0	1580.6	2226.0	2630.1	2633.7	1484.0	1737.0	2403.9	2845.6	2848.8	1602.5	1882.5	2583.5	3055.2	3045.7	1722.3	2028.0	2763.2	3264.7	3242.6	1842.1		2305.9			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
110	HFC-1622420-SL	2320.9	1291.1	1501.5	2114.7	2498.6	2502.0	1409.8	1650.2	2283.7	2703.3	2706.3	1522.4	1788.4	2454.3	2902.4	2893.4	1636.2	1926.6	2625.0	3101.4	3080.5	1750.0		2190.6			(8) - 4	1600	5.40	(8) - 4	2100	8.48	(8) - 4	2600	12.26
111	HFC-1627410	2212.0	1191.4	1360.7	1980.8	2370.3	2429.0	1320.6	1523.4	2180.7	2611.7	2651.9	1453.8	1672.4	2371.0	2837.8	2864.4	1580.7	1821.5	2561.2	3064.0	3076.8	1707.4		2110.0			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
112	HFC-1627410-SL	2101.4	1131.9	1292.7	1881.8	2251.8	2307.5	1254.6	1447.3	2071.7	2481.1	2519.3	1381.1	1588.8	2252.5	2695.9	2721.2	1501.6	1730.5	2433.1	2910.8	2923.0	1622.0		2004.5			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
113	HFC-1627415	2527.0	1381.5	1604.5	2284.8	2719.5	2760.7	1523.2	1765.7	2490.7	2960.2	2979.6	1660.5	1921.5	2693.8	3194.2	3200.2	1795.8	2076.8	2896.8	3428.3	3420.7	1931.3		2391.9			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
114	HFC-1627415-SL	2400.7	1312.4	1524.3	2170.6	2583.5	2622.6	1447.1	1677.4	2366.2	2812.2	2830.6	1577.4	1825.4	2559.1	3034.5	3040.2	1706.0	1973.0	2752.0	3256.8	3249.7	1834.7		2272.3			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
115	HFC-1627420	2719.5	1504.3	1754.9	2462.3	2924.3	2944.0	1641.5	1917.7	2675.7	3171.9	3176.1	1783.8	2082.0	2881.6	3411.2	3401.6	1921.1	2245.6	3087.5	3650.5	3626.9	2058.4		2571.6			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
116	HFC-1627420-SL	2583.5	1429.1	1667.1	2339.1	2778.0	2796.8	1559.4	1821.8	2541.9	3013.3	3017.3	1694.7	1977.9	2737.5	3240.7	3231.5	1825.0	2133.4	2933.1	3468.0	3445.6	1955.5		2443.0			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
117	HFC-1627425	2878.8	1604.7	1877.8	2614.5	3093.7	3095.7	1743.0	2050.5	2825.7	3345.6	3349.2	1883.8	2221.8	3033.0	3586.3	3581.1	2022.0	2391.5	3240.4	3826.9	3813.0	2160.3		2712.7			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
118	HFC-1627425-SL	2734.8	1524.5	1783.9	2483.8	2939.0	2940.9	1655.9	1948.0	2684.4	3178.3	3181.7	1789.6	2110.7	2881.4	3407.0	3402.1	1920.9	2271.9	3078.4	3635.6	3622.3	2052.3		2577.0			(8) - 4	1850	5.56	(8) - 4	2400	8.58	(8) - 4	2950	12.25
119	HFC-81217.5-F	636.0	338.4	408.0	574.8	685.2	712.0	383.2	467.4	650.4	771.6	797.0	433.6	534.0	733.2	866.4	887.0	488.8	602.4	817.8	800.0	977.0	545.2		614.5			(4) - 4	350	3.32	(4) - 4	700	9.28	(4) - 4	1050	18.49
120	HFC-812110-F	696.0	374.0	453.0	632.4	751.2	776.0	421.6	516.6	711.6	840.0	862.0	474.4	586.2	796.2	934.8	953.0	530.8	656.4	882.0	1029.6	1042.0	588.0		670.5			(4) - 4	350	3.32	(4) - 4	700	9.28	(4) - 4	1050	18.49
121	HFC-812115-F	782.0	426.4	522.0	716.4	845.6	866.3	477.6	589.2	799.8	938.4	954.4	533.2	660.6	885.6	1032.6	1044.0	590.4	730.2	969.6	1124.4	1130.0	646.4		750.5			(4) - 4	350	3.32	(4) - 4	700	9.28	(4) - 4	1050	18.49
122	HFC-812120-F	844.0	464.8	571.2	777.0	912.6	930.0	518.0	638.6	859.2	1004.4	1016.5	572.8	710.4	944.4	1099.2	1105.0	629.6	779.4	1026.0	1186.8	1187.0	684.0		807.0			(4) - 4	350	3.32	(4) - 4	700	9.28	(4) - 4	1050	18.49
123	HFC-812125-F	891.2	494.7	609.6	823.2	963.6	978.0	548.8	677.4	906.0	1054.4	1062.0	604.0	747.2	988.8	1146.0	1147.3	659.2	812.4	1064.4	1227.6	1224.0	709.6		848.0			(4) - 4	350	3.32	(4) - 4	700	9.28	(4) - 4	1050	18.49
124	HFC-1012105-F	709.4	389.7	492.2	652.1	765.6	779.1	434.7	551.0	718.0	840.2	855.8	478.7	614.7	788.3	896.0	896.0	525.6	680.4	857.0	896.0	896.0	571.4		674.7			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
125	HFC-101217.5-F	790.3	442.1	552.0	728.7	852.0	864.7	485.7	611.9	795.9	896.0	896.0	530.6	674.3	864.7	896.0	896.0	576.5	735.8	896.0	896.0	896.0	625.0		748.5			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
126	HFC-1012110-F	849.2	480.3	594.3	788.7	896.0	896.0	525.7	652.5	854.6	896.0	896.0	569.7	712.1	896.0	896.0	896.0	615.6	773.0	896.0	896.0	896.0	662.6		797.5			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
127	HFC-1012115-F	896.0	525.0	651.2	853.5	896.0	896.0	569.0	704.1	896.0	896.0	896.0	613.6	757.8	896.0	896.0	896.0	658.7	808.9	896.0	896.0	896.0	702.7		864.5			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
128	HFC-1012120-F	896.0	557.1	686.6	896.0	896.0	896.0	600.7	735.4	896.0	896.0	896.0	645.2	784.4	896.0	896.0	896.0	689.7	834.2	896.0	896.0	896.0	732.6		896.0			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
129	HFC-1012125-F	896.0	582.1	713.6	896.0	896.0	896.0	625.4	759.6	896.0	896.0	896.0	668.9	805.5	896.0	896.0	896.0	712.3	851.8	896.0	896.0	896.0	755.5		896.0			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
130	HFC-1012130-F	896.0	592.2	724.4	896.0	896.0	896.0	634.9	769.8	896.0	896.0	896.0	678.1	814.6	896.0	896.0	896.0	721.1	861.7	896.0	896.0	896.0	763.7		896.0			(4) - 4	325	6.69	(4) - 4	550	16.01	(4) - 4	775	29.28
131	HFC-101617.5-F	983.7	542.9	677.9	905.9	1061.8	1086.5	604.0	760.8	996.2	1166.6	1192.3	664.2	846.5	1091.9	1276.4	1299.2	728.0	936.2	1186.9	1299.2	1299.2	791.3		937.3			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
132	HFC-1016110-F	1069.6	625.4	745.5	981.5	1153.4	1179.2	654.4	827.6	1076.7	1263.8	1284.4	717.8	914.3	1173.5	1299.2	1299.2	782.3	995.4	1282.7	1299.2	1299.2	855.1		1015.5			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
133	HFC-1016115-F	1178.5	662.9	830.2	1087.6	1272.8	1287.6	725.1	912.3	1182.9	1299.2	1299.2	788.6	997.1	1280.0	1299.2	1299.2	853.2	1081.5	1299.2	1299.2	1299.2	919.8		1118.3			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
134	HFC-1016120-F	1252.0	712.2	885.9	1164.8	1299.2	1299.2	776.5	965.8	1262.9	1299.2	1299.2	841.9	1047.5	1299.2	1299.2	1299.2	908.4	1129.0	1299.2	1299.2	1299.2	972.7		1182.6			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
135	HFC-1016125-F	1299.2	748.8	931.0	1220.8	1299.2	1299.2	813.9	1008.2	1299.2	1299.2	1299.2	879.8	1086.6	1299.2	1299.2	1299.2	946.6	1165.5	1299.2	1299.2	1299.2	1017.2		1234.9			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
136	HFC-1016130-F	1299.2	780.4	969.0	1266.2	1299.2	1299.2	844.1	1043.9	1299.2	1299.2	1299.2	908.4	1119.6	1299.2	1299.2	1299.2	973.2	1195.7	1299.2	1299.2	1299.2	1040.8		1278.6			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
137	HFC-1016140-F	1299.2	820.1	1011.6	1299.2	1299.2	1299.2	884.3	1079.3	1299.2	1299.2	1299.2	949.1	1147.1	1299.2	1299.2	1299.2	1014.2	1215.3	1299.2	1299.2	1299.2	1076.7		1299.2			(4) - 4	500	7.42	(4) - 4	775	15.42	(4) - 4	1025	25.17
138	HFC-1216110-F	1180.1	659.3	828.2	1081.1	1274.5	1294.1	720.7	915.4	1186.7	1344.0	1344.0	791.2	1005.7	1289.1	1344.0	1344.0	859.4	1096.3	1344.0	1344.0	1344.0	930.7		1118.8			(4) - 4	425	5.48	(4) - 4	750	13.77	(4) - 4	1075	25.83
139	HFC-1216115-F	1298.2	734.0	917.2	1201.0	1344.0	1344.0	800.7	1003.1	1302.9	1344.0	1344.0	868.7	1091.0	1344.0	1344.0	1344.0	937.7	1178.1	1344.0	1344.0	1344.0	1005.5		1226.7			(4) - 4	425	5.48	(4) - 4	750	13.77	(4) - 4	1075	25.83
140	HFC-1216120-F	1344.0	787.1	978.6	1281.5	1344.0	1344.0	854.4	1060.4	1344.0	1344.0	1344.0	922.5	1143.5	1344.0	1344.0	1344.0	991.4	1224.8	1344.0	1344.0	1344.0	1056.9		1299.4			(4) - 4	425	5.48	(4) - 4	750	13.77	(4) - 4	1075	25.83
141	HFC-1216125-F	1344.0	826.2	1022.5	1340.7	1344.0	1344.0	893.9	1101.0	1344.0	1344.0	1344.0	961.9	1180.3	1344.0	1344.0	1344.0	1030.7	1259.4	1344.0	1344.0	1344.0	1096.2		1344.0			(4) - 4	425	5.48	(4) - 4	750	13.77	(4) - 4	1075	25.83
142	HFC-1216130-F	1344.0	856.7	1055.6	1344.0	1344.0	1344.0	923.8	1129.8	1344.0	1344.0	1344.0	991.3	1204.4	1344.0	1344.0	1344.0	1059.1	1279.0	1344.0	1344.0	1344.0	1127.4		1344.0			(4) - 4	425	5.48	(4) - 4	750	13.77	(4) - 4	1075	25.83
143	HFC-1216140-F	1344.0	905.2	1106.7	1344.0	1344.0	1344.0	971.1	1175.6	1344.0	1344.0	1344.0	1037.1	1244.1	1344.0	1344.0	1344.0	1103.2	1312.4	1344.0	1344.0	1344.0	1169.3		1344.0			(4) - 4	425	5.48	(4) - 4	750	13.77	(4) - 4	1075	25.83
144	HFC-1218115-F	1454.5	806.2	1002.4	1335.6	1557.6	1568.0	890.4	1121.0	1451.1	1568.0	1568.0	967.5	1236.9	1568.0	1568.0	1568.0	1052.1	1350.7	1568.0	1568.0	1568.0	1137.4		1370.4			(4) - 4	625	7.93	(4) - 4	950	16.00	(4) - 4	1250	25.90
145	HFC-1218120-F	1567.7	871.1	1103.9	1416.2	1568.0	1568.0	944.2	1217.0	1554.3	1568.0	1568.0	1004.7	1333.9	1568.0	1568.0	1568.0	1121.2	1436.4	1568.0	1568.0	1568.0	1218.0		1488.9			(4) - 4	625	7.93	(4) - 4	950	16.00	(4) - 4	1250	25.90
146	HFC-1218125-F	1568.0	917.9	1152.1	1504.4	1568.0	1568.0	1003.0	1258.1	1568.0	1568.0	1568.0	1082.4	1377.9	1568.0	1568.0	1568.0	1187.1	1474.2	1568.0	1568.0	1568.0	1280.2		1557.0			(4) - 4	625	7.93	(4) - 4	950	16.00	(4) - 4	1250	25.90
147	HFC-1218130-F	1568.0	955.3	1203.3	1549.8	1568.0	1568.0	1033.2	1306.5	1568.0	1568.0	1568.0	1125.1	1416.9	1568.0	1568.0	1568.0	1211.9	1525.2	1568.0	1568.0	1568.0	1303.7		1568.0			(4) - 4	625	7.93	(4) - 4	950	16.00	(4) - 4	1250	25.90
148	HFC-1218140-F	1866.5	1063.8	1327.0	1738.8	2016.4	2013.1	1159.2	1438.1	1877.3	2060.8	2060.8	1251.5	1551.0	2021.0	2060.8	2060.8	1347.4	1661.4	2060.8	2060.8	2060.8	1448.2		1760.0			(4) - 4	875	8.97	(4) - 4	1275	16.96	(4) - 4	1700	28.16
149	HFC-1218150-F	1940.3	1113.6	1381.4	1809.2	2060.8	2060.8	1206.0	1488.1	1949.3	2060.8	2060.8	1299.6	1595.8	2060.8	2060.8	2060.8	1393.9	1701.0	2060.8	2060.8	2060.8	1482.6		1821.2			(4) - 4	875	8.97	(4) - 4	1275	16.96	(4) - 4	1700	28.16
150	HFC-1218160-F	2012.1	1162.0	1427.1	1880.1	2060.8	2060.8	1253.5	1530.9	2018.1	2060.8	2060.8	1345.5	1631.0	2060.8	2060.8	2060.8	1437.9	1736.3	2060.8	2060.8	2060.8	1530.5		1883.2			(4) - 4	875	8.97	(4) - 4	1275	16.96	(4) - 4	1700	28.16

STD-201RS Table 4b - SI Units - Closed Circuit (CC)																							
Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Wet Bulb °C	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24
Range °C	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6
Approach °C	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7
Inlet Process Temperature °C	23	25	26	28	27	26	28	29	31	30	28	30	31	33	32	31	33	34	36	35	34	36	37
Outlet Process Temperature °C	17	19	20	21	19	20	22	23	24	22	22	24	25	26	24	25	27	28	29	27	28	30	31
Model #1 in l/s	1.1	1.2	1.3																				
Model #2 in l/s	2.1	2.2	2.3																				
Model #3 in l/s	3.1	3.2	3.3																				

STD-201RS Table 4b - SI Units - Closed Circuit (CC)																					
Condition Reference #	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Wet Bulb °C	24	24	27	27	27	27	27	29	29	29	29	29	32	32	32	32	32	21	25.56	27	28
Range °C	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	5	6.67	5	5
Approach °C	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	6	6.67	5	4
Inlet Process Temperature °C	39	38	37	39	40	42	41	39	41	42	44	43	42	44	45	47	46	32	38.90	37	37
Outlet Process Temperature °C	32	30	31	33	34	35	33	33	35	36	37	35	36	38	39	40	38	27	32.23	32	32
Model #1 in l/s																		1.41	1.42	1.43	1.44
Model #2 in l/s																		2.41	2.42	2.43	2.44
Model #3 in l/s																		3.41	3.42	3.43	3.44