

**AI 110° / AI UB 85° 18" TIP SPACING**

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	
psi gpm																		
AI110015VS  100 MESH  GREEN	30	0.130	10.7	9.5	8.6	7.8	7.1	6.6	6.1	5.7	5.4	5.0	4.8	4.5	4.3	4.1	3.9	3.7
	40	0.15	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3
	50	0.168	13.8	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5	6.1	5.8	5.5	5.3	5.0	4.8
	60	0.184	15.2	13.5	12.1	11.0	10.1	9.3	8.7	8.1	7.6	7.1	6.7	6.4	6.1	5.8	5.5	5.3
	70	0.198	16.4	14.6	13.1	11.9	10.9	10.1	9.4	8.7	8.2	7.7	7.3	6.9	6.5	6.2	6.0	5.7
	80	0.212	17.5	15.6	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0	6.7	6.4	6.1
	90	0.225	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4	7.1	6.8	6.5
	100	0.237	19.6	17.4	15.7	14.2	13.0	12.0	11.2	10.4	9.8	9.2	8.7	8.2	7.8	7.5	7.1	6.8
	110	0.249	20.5	18.2	16.4	14.9	13.7	12.6	11.7	10.9	10.3	9.7	9.1	8.6	8.2	7.8	7.5	7.1
AI11002VS  50 MESH  YELLOW	30	0.173	14.3	12.7	11.4	10.4	9.5	8.8	8.2	7.6	7.1	6.7	6.4	6.0	5.7	5.4	5.2	5.0
	40	0.200	16.5	14.7	13.2	12.0	11.0	10.2	9.4	8.8	8.3	7.8	7.3	6.9	6.6	6.3	6.0	5.7
	50	0.224	18.4	16.4	14.8	13.4	12.3	11.4	10.5	9.8	9.2	8.7	8.2	7.8	7.4	7.0	6.7	6.4
	60	0.245	20.2	18.0	16.2	14.7	13.5	12.4	11.5	10.8	10.1	9.5	9.0	8.5	8.1	7.7	7.3	7.0
	70	0.265	21.8	19.4	17.5	15.9	14.6	13.4	12.5	11.6	10.9	10.3	9.7	9.2	8.7	8.3	7.9	7.6
	80	0.283	23.3	20.7	18.7	17.0	15.6	14.4	13.3	12.4	11.7	11.0	10.4	9.8	9.3	8.9	8.5	8.1
	90	0.300	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6
	100	0.316	26.1	23.2	20.9	19.0	17.4	16.1	14.9	13.9	13.0	12.3	11.6	11.0	10.4	9.9	9.5	9.1
	110	0.332	27.4	24.3	21.9	19.9	18.2	16.8	15.6	14.6	13.7	12.9	12.2	11.5	10.9	10.4	9.9	9.5
AI110025VS AIUB85025VS  50 MESH  PURPLE	30	0.217	17.9	15.9	14.3	13.0	11.9	11.0	10.2	9.5	8.9	8.4	7.9	7.5	7.1	6.8	6.5	6.2
	40	0.250	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	9.7	9.2	8.7	8.3	7.9	7.5	7.2
	50	0.280	23.1	20.5	18.4	16.8	15.4	14.2	13.2	12.3	11.5	10.9	10.2	9.7	9.2	8.8	8.4	8.0
	60	0.306	25.3	22.5	20.2	18.4	16.8	15.5	14.4	13.5	12.6	11.9	11.2	10.6	10.1	9.6	9.2	8.8
	70	0.331	27.3	24.3	21.8	19.8	18.2	16.8	15.6	14.6	13.6	12.8	12.1	11.5	10.9	10.4	9.9	9.5
	80	0.354	29.2	25.9	23.3	21.2	19.4	17.9	16.7	15.6	14.6	13.7	13.0	12.3	11.7	11.1	10.6	10.1
	90	0.375	30.9	27.5	24.8	22.5	20.6	19.0	17.7	16.5	15.5	14.6	13.8	13.0	12.4	11.8	11.3	10.8
	100	0.395	32.6	29.0	26.1	23.7	21.7	20.1	18.6	17.4	16.3	15.3	14.5	13.7	13.0	12.4	11.9	11.3
	110	0.415	34.2	30.4	27.4	24.9	22.8	21.0	19.5	18.2	17.1	16.1	15.2	14.4	13.7	13.0	12.4	11.9
AI11003VS AIUB8503VS  50 MESH  BLUE	30	0.260	21.4	19.1	17.1	15.6	14.3	13.2	12.2	11.4	10.7	10.1	9.5	9.0	8.6	8.2	7.8	7.5
	40	0.300	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6
	50	0.335	27.7	24.6	22.1	20.1	18.4	17.0	15.8	14.8	13.8	13.0	12.3	11.7	11.1	10.5	10.1	9.6
	60	0.367	30.3	26.9	24.2	22.0	20.2	18.7	17.3	16.2	15.2	14.3	13.5	12.8	12.1	11.5	11.0	10.5
	70	0.397	32.7	29.1	26.2	23.8	21.8	20.1	18.7	17.5	16.4	15.4	14.6	13.8	13.1	12.5	11.9	11.4
	80	0.424	35.0	31.1	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0	13.3	12.7	12.2
	90	0.450	37.1	33.0	29.7	27.0	24.8	22.8	21.2	19.8	18.6	17.5	16.5	15.6	14.9	14.1	13.5	12.9
	100	0.474	39.1	34.8	31.3	28.5	26.1	24.1	22.4	20.9	19.6	18.4	17.4	16.5	15.7	14.9	14.2	13.6
	110	0.497	41.0	36.5	32.8	29.8	27.4	25.3	23.5	21.9	20.5	19.3	18.2	17.3	16.4	15.6	14.9	14.3
AI11004VS AIUB8504VS  50 MESH  RED	30	0.346	28.6	25.4	22.9	20.8	19.1	17.6	16.3	15.2	14.3	13.4	12.7	12.0	11.4	10.9	10.4	9.9
	40	0.400	33.0	29.3	26.4	24.0	22.0	20.3	18.9	17.6	16.5	15.5	14.7	13.9	13.2	12.6	12.0	11.5
	50	0.447	36.9	32.8	29.5	26.8	24.6	22.7	21.1	19.7	18.4	17.4	16.4	15.5	14.8	14.1	13.4	12.8
	60	0.490	40.4	35.9	32.3	29.4	26.9	24.9	23.1	21.6	20.2	19.0	18.0	17.0	16.2	15.4	14.7	14.1
	70	0.529	43.7	38.8	34.9	31.7	29.1	26.9	24.9	23.3	21.8	20.5	19.4	18.4	17.5	16.6	15.9	15.2
	80	0.566	46.7	41.5	37.3	33.9	31.1	28.7	26.7	24.9	23.3	22.0	20.7	19.7	18.7	17.8	17.0	16.2
	90	0.600	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.8	19.8	18.9	18.0	17.2
	100	0.632	52.2	46.4	41.7	37.9	34.8	32.1	29.8	27.8	26.1	24.6	23.2	22.0	20.9	19.9	19.0	18.1
	110	0.663	54.7	48.6	43.8	39.8	36.5	33.7	31.3	29.2	27.4	25.8	24.3	23.0	21.9	20.8	19.9	19.0
AI11005VS  50 MESH  BROWN	30	0.433	35.7	31.8	28.6	26.0	23.8	22.0	20.4	19.1	17.9	16.8	15.9	15.0	14.3	13.6	13.0	12.4
	40	0.500	41.3	36.7	33.0	30.0	27.5	25.4	23.6	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3
	50	0.559	46.1	41.0	36.9	33.5	30.7	28.4	26.4	24.6	23.1	21.7	20.5	19.4	18.4	17.6	16.8	16.0
	60	0.612	50.5	44.9	40.4	36.7	33.7	31.1	28.9	26.9	25.3	23.8	22.5	21.3	20.2	19.2	18.4	17.6
	70	0.661	54.6	48.5	43.7	39.7	36.4	33.6	31.2	29.1	27.3	25.7	24.3	23.0	21.8	20.8	19.8	19.0
	80	0.707	58.3	51.9	46.7	42.4	38.9	35.9	33.3	31.1	29.2	27.5	25.9	24.6	23.3	22.2	21.2	20.3
	90	0.750	61.9	55.0	49.5	45.0	41.3	38.1	35.4	33.0	30.9	29.1	27.5	26.1	24.8	23.6	22.5	21.5
	100	0.791	65.2	58.0	52.2	47.4	43.5	40.1	37.3	34.8	32.6	30.7	29.0	27.5	26.1	24.8	23.7	22.7
	110	0.829	68.4	60.8	54.7	49.7	45.6	42.1	39.1	36.5	34.2	32.2	30.4	28.8	27.4	26.1	24.9	23.8
AI11006VS	30	0.520	42.9	38.1	34.3	31.2	28.6	26.4	24.5	22.9	21.4	20.2	19.1	18.0	17.1	16.3	15.6	14.9
	40	0.600	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.8	19.8	18.9	18.0	17.2

**AI 110° / AI UB 85° 18" TIP SPACING**

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
																	gpm	psi	
3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	0.130	30	AI110015VS  100 MESH  GREEN
4.1	4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	0.150	40	
4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	0.168	50	
5.1	4.8	4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	0.184	60	
5.5	5.2	5.0	4.9	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.4	3.3	0.198	70	
5.8	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.212	80	
6.2	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.225	90	
6.5	6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	0.237	100	
6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1	0.249	110	
4.8	4.6	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	0.173	30	AI11002VS  50 MESH  YELLOW
5.5	5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.200	40	
6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.224	50	
6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	0.245	60	
7.3	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.5	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	0.265	70	
7.8	7.5	7.2	6.9	6.7	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.7	0.283	80	
8.3	7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.300	90	
8.7	8.3	8.0	7.7	7.5	7.2	7.0	6.7	6.5	6.3	6.1	6.0	5.8	5.6	5.5	5.4	5.2	0.316	100	
9.1	8.8	8.4	8.1	7.8	7.5	7.3	7.1	6.8	6.6	6.4	6.3	6.1	5.9	5.8	5.6	5.5	0.332	110	
6.0	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	0.217	30	AI110025VS AIUB85025VS  50 MESH  PURPLE
6.9	6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	0.250	40	
7.7	7.4	7.1	6.8	6.6	6.4	6.1	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.7	4.6	0.280	50	
8.4	8.1	7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.1	0.306	60	
9.1	8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.5	0.331	70	
9.7	9.3	9.0	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	0.354	80	
10.3	9.9	9.5	9.2	8.8	8.5	8.3	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	0.375	90	
10.9	10.4	10.0	9.7	9.3	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.2	7.1	6.9	6.7	6.5	0.395	100	
11.4	10.9	10.5	10.1	9.8	9.4	9.1	8.8	8.6	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	0.415	110	
7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	0.260	30	AI11003VS AIUB8503VS  50 MESH  BLUE
8.3	7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.300	40	
9.2	8.9	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.5	0.335	50	
10.1	9.7	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	0.367	60	
10.9	10.5	10.1	9.7	9.4	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	0.397	70	
11.7	11.2	10.8	10.4	10.0	9.7	9.3	9.0	8.8	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	0.424	80	
12.4	11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.0	7.8	7.6	7.4	0.450	90	
13.0	12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.5	8.2	8.0	7.8	0.474	100	
13.7	13.1	12.6	12.2	11.7	11.3	10.9	10.6	10.3	9.9	9.7	9.4	9.1	8.9	8.6	8.4	8.2	0.497	110	
9.5	9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.9	5.7	0.346	30	AI11004VS AIUB8504VS  50 MESH  RED
11.0	10.6	10.2	9.8	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.8	6.6	0.400	40	
12.3	11.8	11.4	10.9	10.5	10.2	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	7.6	7.4	0.447	50	
13.5	12.9	12.4	12.0	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	0.490	60	
14.6	14.0	13.4	12.9	12.5	12.0	11.6	11.3	10.9	10.6	10.3	10.0	9.7	9.4	9.2	9.0	8.7	0.529	70	
15.6	14.9	14.4	13.8	13.3	12.9	12.4	12.0	11.7	11.3	11.0	10.7	10.4	10.1	9.8	9.6	9.3	0.566	80	
16.5	15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.2	9.9	0.600	90	
17.4	16.7	16.1	15.5	14.9	14.4	13.9	13.5	13.0	12.6	12.3	11.9	11.6	11.3	11.0	10.7	10.4	0.632	100	
18.2	17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.7	13.3	12.9	12.5	12.2	11.8	11.5	11.2	10.9	0.663	110	
11.9	11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.9	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	0.433	30	AI11005VS  50 MESH  BROWN
13.8	13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.3	0.500	40	
15.4	14.8	14.2	13.7	13.2	12.7	12.3	11.9	11.5	11.2	10.9	10.5	10.2	10.0	9.7	9.5	9.2	0.559	50	
16.8	16.2	15.5	15.0	14.4	13.9	13.5	13.0	12.6	12.2	11.9	11.5	11.2	10.9	10.6	10.4	10.1	0.612	60	
18.2	17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.6	13.2	12.8	12.5	12.1	11.8	11.5	11.2	10.9	0.661	70	
19.4	18.7	17.9	17.3	16.7	16.1	15.6	15.1	14.6	14.1	13.7	13.3	13.0	12.6	12.3	12.0	11.7	0.707	80	
20.6	19.8	19.0	18.3	17.7	17.1	16.5	16.0	15.5	15.0	14.6	14.1	13.8	13.4	13.0	12.7	12.4	0.750	90	
21.7	20.9	20.1	19.3	18.6	18.0	17.4	16.8	16.3	15.8	15.3	14.9	14.5	14.1	13.7	13.4	13.0	0.791	100	
22.8	21.9	21.0	20.3	19.5	18.9	18.2	17.7	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.7	0.829	110	
14.3	13.7	13.2	12.7	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.8	8.6	0.520	30	AI11006VS
16.5	15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.2	9.9	0.600	40	

**AI 110° / AI UB 85° 18" TIP SPACING**

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	
50 MESH	psi																	
	gpm																	
	50	0.671	55.3	49.2	44.3	40.2	36.9	34.1	31.6	29.5	27.7	26.0	24.6	23.3	22.1	21.1	20.1	19.2
	60	0.735	60.6	53.9	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1
	70	0.794	65.5	58.2	52.4	47.6	43.7	40.3	37.4	34.9	32.7	30.8	29.1	27.6	26.2	24.9	23.8	22.8
	80	0.849	70.0	62.2	56.0	50.9	46.7	43.1	40.0	37.3	35.0	32.9	31.1	29.5	28.0	26.7	25.5	24.3
	90	0.900	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8
GRAY	100	0.949	78.3	69.6	62.6	56.9	52.2	48.2	44.7	41.7	39.1	36.8	34.8	33.0	31.3	29.8	28.5	27.2
	110	0.995	82.1	73.0	65.7	59.7	54.7	50.5	46.9	43.8	41.0	38.6	36.5	34.6	32.8	31.3	29.8	28.6
AI11008VS	30	0.693	57.2	50.8	45.7	41.6	38.1	35.2	32.7	30.5	28.6	26.9	25.4	24.1	22.9	21.8	20.8	19.9
	40	0.800	66.0	58.7	52.8	48.0	44.0	40.6	37.7	35.2	33.0	31.1	29.3	27.8	26.4	25.1	24.0	23.0
	50	0.894	73.8	65.6	59.0	53.7	49.2	45.4	42.2	39.4	36.9	34.7	32.8	31.1	29.5	28.1	26.8	25.7
	60	0.980	80.8	71.9	64.7	58.8	53.9	49.7	46.2	43.1	40.4	38.0	35.9	34.0	32.3	30.8	29.4	28.1
	70	1.058	87.3	77.6	69.8	63.5	58.2	53.7	49.9	46.6	43.7	41.1	38.8	36.8	34.9	33.3	31.7	30.4
	80	1.131	93.3	83.0	74.7	67.9	62.2	57.4	53.3	49.8	46.7	43.9	41.5	39.3	37.3	35.6	33.9	32.5
	90	1.200	99.0	88.0	79.2	72.0	66.0	60.9	56.6	52.8	49.5	46.6	44.0	41.7	39.6	37.7	36.0	34.4
WHITE	100	1.265	104.4	92.8	83.5	75.9	69.6	64.2	59.6	55.7	52.2	49.1	46.4	43.9	41.7	39.8	37.9	36.3
	110	1.327	109.4	97.3	87.6	79.6	73.0	67.4	62.5	58.4	54.7	51.5	48.6	46.1	43.8	41.7	39.8	38.1
AI11010VS	30	0.866	71.4	63.5	57.2	52.0	47.6	44.0	40.8	38.1	35.7	33.6	31.8	30.1	28.6	27.2	26.0	24.9
	40	1.000	82.5	73.3	66.0	60.0	55.0	50.8	47.1	44.0	41.3	38.8	36.7	34.7	33.0	31.4	30.0	28.7
	50	1.118	92.2	82.0	73.8	67.1	61.5	56.8	52.7	49.2	46.1	43.4	41.0	38.8	36.9	35.1	33.5	32.1
	60	1.225	101.0	89.8	80.8	73.5	67.4	62.2	57.7	53.9	50.5	47.5	44.9	42.5	40.4	38.5	36.7	35.1
	70	1.323	109.1	97.0	87.3	79.4	72.8	67.2	62.4	58.2	54.6	51.4	48.5	46.0	43.7	41.6	39.7	38.0
	80	1.414	116.7	103.7	93.3	84.9	77.8	71.8	66.7	62.2	58.3	54.9	51.9	49.1	46.7	44.4	42.4	40.6
	90	1.500	123.8	110.0	99.0	90.0	82.5	76.2	70.7	66.0	61.9	58.2	55.0	52.1	49.5	47.1	45.0	43.0
LIGHT BLUE	100	1.581	130.4	116.0	104.4	94.9	87.0	80.3	74.5	69.6	65.2	61.4	58.0	54.9	52.2	49.7	47.4	45.4
	110	1.658	136.8	121.6	109.4	99.5	91.2	84.2	78.2	73.0	68.4	64.4	60.8	57.6	54.7	52.1	49.7	47.6

**AI 110°/ AI UB 85° 18" TIP SPACING**

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
																		gpm	psi
18.4	17.7	17.0	16.4	15.8	15.3	14.8	14.3	13.8	13.4	13.0	12.6	12.3	12.0	11.7	11.4	11.1	0.671	50	
20.2	19.4	18.7	18.0	17.3	16.7	16.2	15.6	15.2	14.7	14.3	13.9	13.5	13.1	12.8	12.4	12.1	0.735	60	
21.8	21.0	20.1	19.4	18.7	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.4	13.1	0.794	70	
23.3	22.4	21.5	20.7	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.6	15.1	14.7	14.4	14.0	0.849	80	
24.8	23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	0.900	90	
26.1	25.0	24.1	23.2	22.4	21.6	20.9	20.2	19.6	19.0	18.4	17.9	17.4	16.9	16.5	16.1	15.7	0.949	100	
27.4	26.3	25.3	24.3	23.5	22.6	21.9	21.2	20.5	19.9	19.3	18.8	18.2	17.7	17.3	16.8	16.4	0.995	110	
19.1	18.3	17.6	16.9	16.3	15.8	15.2	14.8	14.3	13.9	13.4	13.1	12.7	12.4	12.0	11.7	11.4	0.693	30	
22.0	21.1	20.3	19.6	18.9	18.2	17.6	17.0	16.5	16.0	15.5	15.1	14.7	14.3	13.9	13.5	13.2	0.800	40	
24.6	23.6	22.7	21.9	21.1	20.4	19.7	19.0	18.4	17.9	17.4	16.9	16.4	16.0	15.5	15.1	14.8	0.894	50	
26.9	25.9	24.9	24.0	23.1	22.3	21.6	20.9	20.2	19.6	19.0	18.5	18.0	17.5	17.0	16.6	16.2	0.980	60	
29.1	27.9	26.9	25.9	24.9	24.1	23.3	22.5	21.8	21.2	20.5	20.0	19.4	18.9	18.4	17.9	17.5	1.058	70	
31.1	29.9	28.7	27.7	26.7	25.7	24.9	24.1	23.3	22.6	22.0	21.3	20.7	20.2	19.7	19.1	18.7	1.131	80	
33.0	31.7	30.5	29.3	28.3	27.3	26.4	25.5	24.8	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	1.200	90	
34.8	33.4	32.1	30.9	29.8	28.8	27.8	26.9	26.1	25.3	24.6	23.9	23.2	22.6	22.0	21.4	20.9	1.265	100	
36.5	35.0	33.7	32.4	31.3	30.2	29.2	28.2	27.4	26.5	25.8	25.0	24.3	23.7	23.0	22.5	21.9	1.327	110	
23.8	22.9	22.0	21.2	20.4	19.7	19.1	18.4	17.9	17.3	16.8	16.3	15.9	15.4	15.0	14.7	14.3	0.866	30	
27.5	26.4	25.4	24.4	23.6	22.8	22.0	21.3	20.6	20.0	19.4	18.9	18.3	17.8	17.4	16.9	16.5	1.000	40	
30.7	29.5	28.4	27.3	26.4	25.4	24.6	23.8	23.1	22.4	21.7	21.1	20.5	19.9	19.4	18.9	18.4	1.118	50	
33.7	32.3	31.1	29.9	28.9	27.9	26.9	26.1	25.3	24.5	23.8	23.1	22.5	21.8	21.3	20.7	20.2	1.225	60	
36.4	34.9	33.6	32.3	31.2	30.1	29.1	28.2	27.3	26.5	25.7	24.9	24.3	23.6	23.0	22.4	21.8	1.323	70	
38.9	37.3	35.9	34.6	33.3	32.2	31.1	30.1	29.2	28.3	27.5	26.7	25.9	25.2	24.6	23.9	23.3	1.414	80	
41.3	39.6	38.1	36.7	35.4	34.1	33.0	31.9	30.9	30.0	29.1	28.3	27.5	26.8	26.1	25.4	24.8	1.500	90	
43.5	41.7	40.1	38.7	37.3	36.0	34.8	33.7	32.6	31.6	30.7	29.8	29.0	28.2	27.5	26.8	26.1	1.581	100	
45.6	43.8	42.1	40.5	39.1	37.7	36.5	35.3	34.2	33.2	32.2	31.3	30.4	29.6	28.8	28.1	27.4	1.658	110	