

**AI 110° / AI UB 85° 19" 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	10.2	9.0	8.1	7.4	6.8	6.2	5.8	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5
	40	0.15	11.7	10.4	9.4	8.5	7.8	7.2	6.7	6.3	5.9	5.5	5.2	4.9	4.7	4.5	4.3	4.1
	50	0.168	13.1	11.7	10.5	9.5	8.7	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.2	5.0	4.8	4.6
	60	0.184	14.4	12.8	11.5	10.4	9.6	8.8	8.2	7.7	7.2	6.8	6.4	6.0	5.7	5.5	5.2	5.0
	70	0.198	15.5	13.8	12.4	11.3	10.3	9.5	8.9	8.3	7.8	7.3	6.9	6.5	6.2	5.9	5.6	5.4
	80	0.212	16.6	14.7	13.3	12.1	11.1	10.2	9.5	8.8	8.3	7.8	7.4	7.0	6.6	6.3	6.0	5.8
	90	0.225	17.6	15.6	14.1	12.8	11.7	10.8	10.0	9.4	8.8	8.3	7.8	7.4	7.0	6.7	6.4	6.1
	100	0.237	18.5	16.5	14.8	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.2	7.8	7.4	7.1	6.7	6.4
	110	0.249	19.4	17.3	15.6	14.1	13.0	12.0	11.1	10.4	9.7	9.1	8.6	8.2	7.8	7.4	7.1	6.8
AI11002VS  50 MESH  YELLOW	30	0.173	13.5	12.0	10.8	9.8	9.0	8.3	7.7	7.2	6.8	6.4	6.0	5.7	5.4	5.2	4.9	4.7
	40	0.200	15.6	13.9	12.5	11.4	10.4	9.6	8.9	8.3	7.8	7.4	6.9	6.6	6.3	6.0	5.7	5.4
	50	0.224	17.5	15.5	14.0	12.7	11.7	10.8	10.0	9.3	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.1
	60	0.245	19.1	17.0	15.3	13.9	12.8	11.8	10.9	10.2	9.6	9.0	8.5	8.1	7.7	7.3	7.0	6.7
	70	0.265	20.7	18.4	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
	80	0.283	22.1	19.7	17.7	16.1	14.7	13.6	12.6	11.8	11.1	10.4	9.8	9.3	8.8	8.4	8.0	7.7
	90	0.300	23.4	20.8	18.8	17.1	15.6	14.4	13.4	12.5	11.7	11.0	10.4	9.9	9.4	8.9	8.5	8.2
	100	0.316	24.7	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
	110	0.332	25.9	23.0	20.7	18.9	17.3	16.0	14.8	13.8	13.0	12.2	11.5	10.9	10.4	9.9	9.4	9.0
AI110025VS AIUB85025VS  50 MESH  PURPLE	30	0.217	16.9	15.0	13.5	12.3	11.3	10.4	9.7	9.0	8.5	8.0	7.5	7.1	6.8	6.4	6.2	5.9
	40	0.250	19.5	17.4	15.6	14.2	13.0	12.0	11.2	10.4	9.8	9.2	8.7	8.2	7.8	7.4	7.1	6.8
	50	0.280	21.8	19.4	17.5	15.9	14.6	13.4	12.5	11.7	10.9	10.3	9.7	9.2	8.7	8.3	7.9	7.6
	60	0.306	23.9	21.3	19.1	17.4	16.0	14.7	13.7	12.8	12.0	11.3	10.6	10.1	9.6	9.1	8.7	8.3
	70	0.331	25.8	23.0	20.7	18.8	17.2	15.9	14.8	13.8	12.9	12.2	11.5	10.9	10.3	9.8	9.4	9.0
	80	0.354	27.6	24.6	22.1	20.1	18.4	17.0	15.8	14.7	13.8	13.0	12.3	11.6	11.1	10.5	10.0	9.6
	90	0.375	29.3	26.1	23.4	21.3	19.5	18.0	16.7	15.6	14.7	13.8	13.0	12.3	11.7	11.2	10.7	10.2
	100	0.395	30.9	27.5	24.7	22.5	20.6	19.0	17.7	16.5	15.4	14.5	13.7	13.0	12.4	11.8	11.2	10.7
	110	0.415	32.4	28.8	25.9	23.6	21.6	19.9	18.5	17.3	16.2	15.2	14.4	13.6	13.0	12.3	11.8	11.3
AI11003VS AIUB8503VS  50 MESH  BLUE	30	0.260	20.3	18.0	16.2	14.8	13.5	12.5	11.6	10.8	10.2	9.6	9.0	8.5	8.1	7.7	7.4	7.1
	40	0.300	23.4	20.8	18.8	17.1	15.6	14.4	13.4	12.5	11.7	11.0	10.4	9.9	9.4	8.9	8.5	8.2
	50	0.335	26.2	23.3	21.0	19.1	17.5	16.1	15.0	14.0	13.1	12.3	11.7	11.0	10.5	10.0	9.5	9.1
	60	0.367	28.7	25.5	23.0	20.9	19.1	17.7	16.4	15.3	14.4	13.5	12.8	12.1	11.5	10.9	10.4	10.0
	70	0.397	31.0	27.6	24.8	22.6	20.7	19.1	17.7	16.5	15.5	14.6	13.8	13.1	12.4	11.8	11.3	10.8
	80	0.424	33.2	29.5	26.5	24.1	22.1	20.4	18.9	17.7	16.6	15.6	14.7	14.0	13.3	12.6	12.1	11.5
	90	0.450	35.2	31.3	28.1	25.6	23.4	21.6	20.1	18.8	17.6	16.6	15.6	14.8	14.1	13.4	12.8	12.2
	100	0.474	37.1	33.0	29.7	27.0	24.7	22.8	21.2	19.8	18.5	17.4	16.5	15.6	14.8	14.1	13.5	12.9
	110	0.497	38.9	34.6	31.1	28.3	25.9	23.9	22.2	20.7	19.4	18.3	17.3	16.4	15.6	14.8	14.1	13.5
AI11004VS AIUB8504VS  50 MESH  RED	30	0.346	27.1	24.1	21.7	19.7	18.0	16.7	15.5	14.4	13.5	12.7	12.0	11.4	10.8	10.3	9.8	9.4
	40	0.400	31.3	27.8	25.0	22.7	20.8	19.2	17.9	16.7	15.6	14.7	13.9	13.2	12.5	11.9	11.4	10.9
	50	0.447	35.0	31.1	28.0	25.4	23.3	21.5	20.0	18.6	17.5	16.4	15.5	14.7	14.0	13.3	12.7	12.2
	60	0.490	38.3	34.0	30.6	27.8	25.5	23.6	21.9	20.4	19.1	18.0	17.0	16.1	15.3	14.6	13.9	13.3
	70	0.529	41.4	36.8	33.1	30.1	27.6	25.5	23.6	22.1	20.7	19.5	18.4	17.4	16.5	15.8	15.0	14.4
	80	0.566	44.2	39.3	35.4	32.2	29.5	27.2	25.3	23.6	22.1	20.8	19.7	18.6	17.7	16.8	16.1	15.4
	90	0.600	46.9	41.7	37.5	34.1	31.3	28.9	26.8	25.0	23.4	22.1	20.8	19.7	18.8	17.9	17.1	16.3
	100	0.632	49.4	43.9	39.5	36.0	33.0	30.4	28.2	26.4	24.7	23.3	22.0	20.8	19.8	18.8	18.0	17.2
	110	0.663	51.8	46.1	41.5	37.7	34.6	31.9	29.6	27.7	25.9	24.4	23.0	21.8	20.7	19.8	18.9	18.0
AI11005VS  50 MESH  BROWN	30	0.433	33.8	30.1	27.1	24.6	22.6	20.8	19.3	18.0	16.9	15.9	15.0	14.2	13.5	12.9	12.3	11.8
	40	0.500	39.1	34.7	31.3	28.4	26.1	24.0	22.3	20.8	19.5	18.4	17.4	16.5	15.6	14.9	14.2	13.6
	50	0.559	43.7	38.8	35.0	31.8	29.1	26.9	25.0	23.3	21.8	20.6	19.4	18.4	17.5	16.6	15.9	15.2
	60	0.612	47.9	42.5	38.3	34.8	31.9	29.5	27.3	25.5	23.9	22.5	21.3	20.2	19.1	18.2	17.4	16.6
	70	0.661	51.7	46.0	41.4	37.6	34.5	31.8	29.5	27.6	25.8	24.3	23.0	21.8	20.7	19.7	18.8	18.0
	80	0.707	55.3	49.1	44.2	40.2	36.8	34.0	31.6	29.5	27.6	26.0	24.6	23.3	22.1	21.1	20.1	19.2
	90	0.750	58.6	52.1	46.9	42.6	39.1	36.1	33.5	31.3	29.3	27.6	26.1	24.7	23.4	22.3	21.3	20.4
	100	0.791	61.8	54.9	49.4	44.9	41.2	38.0	35.3	33.0	30.9	29.1	27.5	26.0	24.7	23.5	22.5	21.5
	110	0.829	64.8	57.6	51.8	47.1	43.2	39.9	37.0	34.6	32.4	30.5	28.8	27.3	25.9	24.7	23.6	22.5
AI11006VS	30	0.520	40.6	36.1	32.5	29.5	27.1	25.0	23.2	21.7	20.3	19.1	18.0	17.1	16.2	15.5	14.8	14.1
	40	0.600	46.9	41.7	37.5	34.1	31.3	28.9	26.8	25.0	23.4	22.1	20.8	19.7	18.8	17.9	17.1	16.3

**AI 110° / AI UB 85° 19" 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
3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	0.130	30	AI110015VS  100 MESH  GREEN
3.9	3.8	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.3	0.150	40	
4.4	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	0.168	50	
4.8	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	2.9	0.184	60	
5.2	5.0	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.4	3.3	3.2	3.1	0.198	70	
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	0.212	80	
5.9	5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.225	90	
6.2	5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.237	100	
6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	0.249	110	
4.5	4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	0.173	30	AI11002VS  50 MESH  YELLOW
5.2	5.0	4.8	4.6	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	0.200	40	
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	0.224	50	
6.4	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	0.245	60	
6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.2	4.1	0.265	70	
7.4	7.1	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	0.283	80	
7.8	7.5	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	0.300	90	
8.2	7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.1	4.9	0.316	100	
8.6	8.3	8.0	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	0.332	110	
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	3.4	0.217	30	AI110025VS AIUB85025VS  50 MESH  PURPLE
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	0.250	40	
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	0.280	50	
8.0	7.7	7.4	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.9	4.8	0.306	60	
8.6	8.3	8.0	7.7	7.4	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.3	5.2	0.331	70	
9.2	8.8	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	0.354	80	
9.8	9.4	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	5.9	0.375	90	
10.3	9.9	9.5	9.2	8.8	8.5	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	0.395	100	
10.8	10.4	10.0	9.6	9.3	8.9	8.6	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.8	6.6	6.5	0.415	110	
6.8	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	4.2	4.1	0.260	30	AI11003VS AIUB8503VS  50 MESH  BLUE
7.8	7.5	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	0.300	40	
8.7	8.4	8.1	7.8	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	0.335	50	
9.6	9.2	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	0.367	60	
10.3	9.9	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.4	6.2	0.397	70	
11.1	10.6	10.2	9.8	9.5	9.1	8.8	8.6	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	0.424	80	
11.7	11.3	10.8	10.4	10.0	9.7	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.6	7.4	7.2	7.0	0.450	90	
12.4	11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.6	7.4	0.474	100	
13.0	12.4	12.0	11.5	11.1	10.7	10.4	10.0	9.7	9.4	9.1	8.9	8.6	8.4	8.2	8.0	7.8	0.497	110	
9.0	8.7	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	0.346	30	AI11004VS AIUB8504VS  50 MESH  RED
10.4	10.0	9.6	9.3	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.1	6.9	6.8	6.6	6.4	6.3	0.400	40	
11.7	11.2	10.8	10.4	10.0	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	0.447	50	
12.8	12.3	11.8	11.3	10.9	10.6	10.2	9.9	9.6	9.3	9.0	8.8	8.5	8.3	8.1	7.9	7.7	0.490	60	
13.8	13.2	12.7	12.3	11.8	11.4	11.0	10.7	10.3	10.0	9.7	9.5	9.2	8.9	8.7	8.5	8.3	0.529	70	
14.7	14.1	13.6	13.1	12.6	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.6	9.3	9.1	8.8	0.566	80	
15.6	15.0	14.4	13.9	13.4	12.9	12.5	12.1	11.7	11.4	11.0	10.7	10.4	10.1	9.9	9.6	9.4	0.600	90	
16.5	15.8	15.2	14.6	14.1	13.6	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.1	9.9	0.632	100	
17.3	16.6	16.0	15.4	14.8	14.3	13.8	13.4	13.0	12.6	12.2	11.9	11.5	11.2	10.9	10.6	10.4	0.663	110	
11.3	10.8	10.4	10.0	9.7	9.3	9.0	8.7	8.5	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.8	0.433	30	AI11005VS  50 MESH  BROWN
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	8.4	8.2	8.0	7.8	0.500	40	
14.6	14.0	13.4	12.9	12.5	12.1	11.7	11.3	10.9	10.6	10.3	10.0	9.7	9.4	9.2	9.0	8.7	0.559	50	
16.0	15.3	14.7	14.2	13.7	13.2	12.8	12.4	12.0	11.6	11.3	10.9	10.6	10.3	10.1	9.8	9.6	0.612	60	
17.2	16.5	15.9	15.3	14.8	14.3	13.8	13.3	12.9	12.5	12.2	11.8	11.5	11.2	10.9	10.6	10.3	0.661	70	
18.4	17.7	17.0	16.4	15.8	15.2	14.7	14.3	13.8	13.4	13.0	12.6	12.3	11.9	11.6	11.3	11.1	0.707	80	
19.5	18.8	18.0	17.4	16.7	16.2	15.6	15.1	14.7	14.2	13.8	13.4	13.0	12.7	12.3	12.0	11.7	0.750	90	
20.6	19.8	19.0	18.3	17.7	17.0	16.5	15.9	15.4	15.0	14.5	14.1	13.7	13.4	13.0	12.7	12.4	0.791	100	
21.6	20.7	19.9	19.2	18.5	17.9	17.3	16.7	16.2	15.7	15.2	14.8	14.4	14.0	13.6	13.3	13.0	0.829	110	
13.5	13.0	12.5	12.0	11.6	11.2	10.8	10.5	10.2	9.8	9.6	9.3	9.0	8.8	8.5	8.3	8.1	0.520	30	AI11006VS
15.6	15.0	14.4	13.9	13.4	12.9	12.5	12.1	11.7	11.4	11.0	10.7	10.4	10.1	9.9	9.6	9.4	0.600	40	

**AI 110° / AI UB 85° 19" 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	52.4	46.6	41.9	38.1	35.0	32.3	30.0	28.0	26.2	24.7	23.3	22.1	21.0	20.0	19.1	18.2
	60	0.735	57.4	51.1	45.9	41.8	38.3	35.3	32.8	30.6	28.7	27.0	25.5	24.2	23.0	21.9	20.9	20.0
	70	0.794	62.0	55.1	49.6	45.1	41.4	38.2	35.4	33.1	31.0	29.2	27.6	26.1	24.8	23.6	22.6	21.6
	80	0.849	66.3	59.0	53.1	48.2	44.2	40.8	37.9	35.4	33.2	31.2	29.5	27.9	26.5	25.3	24.1	23.1
	90	0.900	70.3	62.5	56.3	51.2	46.9	43.3	40.2	37.5	35.2	33.1	31.3	29.6	28.1	26.8	25.6	24.5
GRAY	100	0.949	74.1	65.9	59.3	53.9	49.4	45.6	42.4	39.5	37.1	34.9	33.0	31.2	29.7	28.2	27.0	25.8
	110	0.995	77.8	69.1	62.2	56.6	51.8	47.9	44.4	41.5	38.9	36.6	34.6	32.7	31.1	29.6	28.3	27.0
AI11008VS	30	0.693	54.1	48.1	43.3	39.4	36.1	33.3	30.9	28.9	27.1	25.5	24.1	22.8	21.7	20.6	19.7	18.8
	40	0.800	62.5	55.6	50.0	45.5	41.7	38.5	35.7	33.3	31.3	29.4	27.8	26.3	25.0	23.8	22.7	21.7
	50	0.894	69.9	62.1	55.9	50.8	46.6	43.0	39.9	37.3	35.0	32.9	31.1	29.4	28.0	26.6	25.4	24.3
	60	0.980	76.6	68.1	61.3	55.7	51.1	47.1	43.8	40.8	38.3	36.0	34.0	32.2	30.6	29.2	27.8	26.6
	70	1.058	82.7	73.5	66.2	60.2	55.1	50.9	47.3	44.1	41.4	38.9	36.8	34.8	33.1	31.5	30.1	28.8
	80	1.131	88.4	78.6	70.7	64.3	59.0	54.4	50.5	47.2	44.2	41.6	39.3	37.2	35.4	33.7	32.2	30.8
	90	1.200	93.8	83.4	75.0	68.2	62.5	57.7	53.6	50.0	46.9	44.1	41.7	39.5	37.5	35.7	34.1	32.6
WHITE	100	1.265	98.9	87.9	79.1	71.9	65.9	60.8	56.5	52.7	49.4	46.5	43.9	41.6	39.5	37.7	36.0	34.4
	110	1.327	103.7	92.2	83.0	75.4	69.1	63.8	59.3	55.3	51.8	48.8	46.1	43.7	41.5	39.5	37.7	36.1
AI11010VS	30	0.866	67.7	60.2	54.1	49.2	45.1	41.7	38.7	36.1	33.8	31.9	30.1	28.5	27.1	25.8	24.6	23.5
	40	1.000	78.2	69.5	62.5	56.8	52.1	48.1	44.7	41.7	39.1	36.8	34.7	32.9	31.3	29.8	28.4	27.2
	50	1.118	87.4	77.7	69.9	63.6	58.3	53.8	49.9	46.6	43.7	41.1	38.8	36.8	35.0	33.3	31.8	30.4
	60	1.225	95.7	85.1	76.6	69.6	63.8	58.9	54.7	51.1	47.9	45.0	42.5	40.3	38.3	36.5	34.8	33.3
	70	1.323	103.4	91.9	82.7	75.2	68.9	63.6	59.1	55.1	51.7	48.7	46.0	43.5	41.4	39.4	37.6	36.0
	80	1.414	110.5	98.3	88.4	80.4	73.7	68.0	63.2	59.0	55.3	52.0	49.1	46.5	44.2	42.1	40.2	38.4
	90	1.500	117.2	104.2	93.8	85.3	78.2	72.1	67.0	62.5	58.6	55.2	52.1	49.4	46.9	44.7	42.6	40.8
LIGHT BLUE	100	1.581	123.6	109.8	98.9	89.9	82.4	76.0	70.6	65.9	61.8	58.2	54.9	52.0	49.4	47.1	44.9	43.0
	110	1.658	129.6	115.2	103.7	94.3	86.4	79.8	74.1	69.1	64.8	61.0	57.6	54.6	51.8	49.4	47.1	45.1

**AI 110°/ AI UB 85° 19" 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
17.5	16.8	16.1	15.5	15.0	14.5	14.0	13.5	13.1	12.7	12.3	12.0	11.7	11.3	11.0	10.8	10.5	0.671	50	
19.1	18.4	17.7	17.0	16.4	15.8	15.3	14.8	14.4	13.9	13.5	13.1	12.8	12.4	12.1	11.8	11.5	0.735	60	
20.7	19.9	19.1	18.4	17.7	17.1	16.5	16.0	15.5	15.0	14.6	14.2	13.8	13.4	13.1	12.7	12.4	0.794	70	
22.1	21.2	20.4	19.7	18.9	18.3	17.7	17.1	16.6	16.1	15.6	15.2	14.7	14.3	14.0	13.6	13.3	0.849	80	
23.4	22.5	21.6	20.8	20.1	19.4	18.8	18.2	17.6	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.1	0.900	90	
24.7	23.7	22.8	22.0	21.2	20.5	19.8	19.1	18.5	18.0	17.4	16.9	16.5	16.0	15.6	15.2	14.8	0.949	100	
25.9	24.9	23.9	23.0	22.2	21.5	20.7	20.1	19.4	18.9	18.3	17.8	17.3	16.8	16.4	16.0	15.6	0.995	110	
18.0	17.3	16.7	16.0	15.5	14.9	14.4	14.0	13.5	13.1	12.7	12.4	12.0	11.7	11.4	11.1	10.8	0.693	30	
20.8	20.0	19.2	18.5	17.9	17.2	16.7	16.1	15.6	15.2	14.7	14.3	13.9	13.5	13.2	12.8	12.5	0.800	40	
23.3	22.4	21.5	20.7	20.0	19.3	18.6	18.0	17.5	16.9	16.4	16.0	15.5	15.1	14.7	14.3	14.0	0.894	50	
25.5	24.5	23.6	22.7	21.9	21.1	20.4	19.8	19.1	18.6	18.0	17.5	17.0	16.6	16.1	15.7	15.3	0.980	60	
27.6	26.5	25.5	24.5	23.6	22.8	22.1	21.3	20.7	20.1	19.5	18.9	18.4	17.9	17.4	17.0	16.5	1.058	70	
29.5	28.3	27.2	26.2	25.3	24.4	23.6	22.8	22.1	21.4	20.8	20.2	19.7	19.1	18.6	18.1	17.7	1.131	80	
31.3	30.0	28.9	27.8	26.8	25.9	25.0	24.2	23.4	22.7	22.1	21.4	20.8	20.3	19.7	19.2	18.8	1.200	90	
33.0	31.6	30.4	29.3	28.2	27.3	26.4	25.5	24.7	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	1.265	100	
34.6	33.2	31.9	30.7	29.6	28.6	27.7	26.8	25.9	25.1	24.4	23.7	23.0	22.4	21.8	21.3	20.7	1.327	110	
22.6	21.7	20.8	20.1	19.3	18.7	18.0	17.5	16.9	16.4	15.9	15.5	15.0	14.6	14.2	13.9	13.5	0.866	30	
26.1	25.0	24.0	23.2	22.3	21.6	20.8	20.2	19.5	18.9	18.4	17.9	17.4	16.9	16.5	16.0	15.6	1.000	40	
29.1	28.0	26.9	25.9	25.0	24.1	23.3	22.6	21.8	21.2	20.6	20.0	19.4	18.9	18.4	17.9	17.5	1.118	50	
31.9	30.6	29.5	28.4	27.3	26.4	25.5	24.7	23.9	23.2	22.5	21.9	21.3	20.7	20.2	19.6	19.1	1.225	60	
34.5	33.1	31.8	30.6	29.5	28.5	27.6	26.7	25.8	25.1	24.3	23.6	23.0	22.4	21.8	21.2	20.7	1.323	70	
36.8	35.4	34.0	32.8	31.6	30.5	29.5	28.5	27.6	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	1.414	80	
39.1	37.5	36.1	34.7	33.5	32.3	31.3	30.3	29.3	28.4	27.6	26.8	26.1	25.3	24.7	24.0	23.4	1.500	90	
41.2	39.5	38.0	36.6	35.3	34.1	33.0	31.9	30.9	30.0	29.1	28.2	27.5	26.7	26.0	25.3	24.7	1.581	100	
43.2	41.5	39.9	38.4	37.0	35.8	34.6	33.4	32.4	31.4	30.5	29.6	28.8	28.0	27.3	26.6	25.9	1.658	110	