

TurboDrop® TDCFFC Nozzle Tabulations

COMPLETE NOZZLE #	LIQUID PRESSURE PSI	DROPLET SIZE ASAE	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING									
				4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12MPH	14 MPH	16 MPH	18 MPH
 50m strainer	40	VC	0.10	7.4	5.9	4.9	4.2	3.7	3.0	2.5	2.1	1.9	1.6
	50	VC	0.11	8.3	6.6	5.5	4.7	4.1	3.3	2.8	2.4	2.1	1.8
	60	C	0.12	9.1	7.3	6.1	5.2	4.5	3.6	3.0	2.6	2.3	2.0
	70	C	0.13	9.8	7.9	6.5	5.6	4.9	3.9	3.3	2.8	2.5	2.2
	80	C	0.14	10.5	8.4	7.0	6.0	5.2	4.2	3.5	3.0	2.6	2.3
	90	M	0.15	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5
	100	M	0.16	11.7	9.4	7.8	6.7	5.9	4.7	3.9	3.4	2.9	2.6
	110	M	0.17	12.3	9.8	8.2	7.0	6.2	4.9	4.1	3.5	3.1	2.7
	120	M	0.17	12.9	10.3	8.6	7.3	6.4	5.1	4.3	3.7	3.2	2.9
	130	M	0.18	13.4	10.7	8.9	7.6	6.7	5.4	4.5	3.8	3.3	3.0
	140	M	0.19	13.9	11.1	9.3	7.9	6.9	5.6	4.6	4.0	3.5	3.1
150	M	0.19	14.4	11.5	9.6	8.2	7.2	5.7	4.8	4.1	3.6	3.2	
 50m strainer	40	C	0.15	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5
	50	M	0.17	12.4	10.0	8.3	7.1	6.2	5.0	4.1	3.6	3.1	2.8
	60	M	0.18	13.6	10.9	9.1	7.8	6.8	5.5	4.5	3.9	3.4	3.0
	70	M	0.20	14.7	11.8	9.8	8.4	7.4	5.9	4.9	4.2	3.7	3.3
	80	M	0.21	15.7	12.6	10.5	9.0	7.9	6.3	5.2	4.5	3.9	3.5
	90	M	0.22	16.7	13.4	11.1	9.5	8.3	6.7	5.6	4.8	4.2	3.7
	100	F	0.24	17.6	14.1	11.7	10.1	8.8	7.0	5.9	5.0	4.4	3.9
	110	F	0.25	18.5	14.8	12.3	10.5	9.2	7.4	6.2	5.3	4.6	4.1
	120	F	0.26	19.3	15.4	12.9	11.0	9.6	7.7	6.4	5.5	4.8	4.3
	120	F	0.26	19.3	15.4	12.9	11.0	9.6	7.7	6.4	5.5	4.8	4.3
	130	F	0.27	20.1	16.1	13.4	11.5	10.0	8.0	6.7	5.7	5.0	4.5
140	F	0.28	20.8	16.7	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	
150	F	0.29	21.6	17.2	14.4	12.3	10.8	8.6	7.2	6.2	5.4	4.8	
 50m strainer	40	XC	0.20	14.8	11.9	9.9	8.5	7.4	5.9	4.9	4.2	3.7	3.3
	50	VC	0.22	16.6	13.3	11.1	9.5	8.3	6.6	5.5	4.7	4.1	3.7
	60	VC	0.24	18.2	14.5	12.1	10.4	9.1	7.3	6.1	5.2	4.5	4.0
	70	VC	0.26	19.6	15.7	13.1	11.2	9.8	7.9	6.5	5.6	4.9	4.4
	80	C	0.28	21.0	16.8	14.0	12.0	10.5	8.4	7.0	6.0	5.2	4.7
	90	C	0.30	22.3	17.8	14.8	12.7	11.1	8.9	7.4	6.4	5.6	4.9
	100	C	0.32	23.5	18.8	15.6	13.4	11.7	9.4	7.8	6.7	5.9	5.2
	110	C	0.33	24.6	19.7	16.4	14.1	12.3	9.8	8.2	7.0	6.2	5.5
	120	M	0.35	25.7	20.6	17.1	14.7	12.9	10.3	8.6	7.3	6.4	5.7
	130	M	0.36	26.8	21.4	17.8	15.3	13.4	10.7	8.9	7.6	6.7	5.9
	140	M	0.37	27.8	22.2	18.5	15.9	13.9	11.1	9.3	7.9	6.9	6.2
150	M	0.39	28.7	23.0	19.2	16.4	14.4	11.5	9.6	8.2	7.2	6.4	
 50m strainer	40	XC	0.25	18.5	14.8	12.4	10.6	9.3	7.4	6.2	5.3	4.6	4.1
	50	XC	0.28	20.7	16.6	13.8	11.9	10.4	8.3	6.9	5.9	5.2	4.6
	60	VC	0.31	22.7	18.2	15.1	13.0	11.4	9.1	7.6	6.5	5.7	5.0
	70	VC	0.33	24.5	19.6	16.4	14.0	12.3	9.8	8.2	7.0	6.1	5.5
	80	C	0.35	26.2	21.0	17.5	15.0	13.1	10.5	8.7	7.5	6.6	5.8
	90	C	0.37	27.8	22.3	18.5	15.9	13.9	11.1	9.3	7.9	7.0	6.2
	100	C	0.40	29.3	23.5	19.6	16.8	14.7	11.7	9.8	8.4	7.3	6.5
	110	C	0.41	30.8	24.6	20.5	17.6	15.4	12.3	10.3	8.8	7.7	6.8
	120	C	0.43	32.1	25.7	21.4	18.4	16.1	12.9	10.7	9.2	8.0	7.1
	130	M	0.45	33.4	26.8	22.3	19.1	16.7	13.4	11.1	9.6	8.4	7.4
	140	M	0.47	34.7	27.8	23.1	19.8	17.4	13.9	11.6	9.9	8.7	7.7
150	M	0.48	35.9	28.7	23.9	20.5	18.0	14.4	12.0	10.3	9.0	8.0	
 50m strainer	40	VC	0.30	22.3	17.8	14.8	12.7	11.1	8.9	7.4	6.4	5.6	4.9
	50	C	0.34	24.9	19.9	16.6	14.2	12.4	10.0	8.3	7.1	6.2	5.5
	60	C	0.37	27.3	21.8	18.2	15.6	13.6	10.9	9.1	7.8	6.8	6.1
	70	C	0.40	29.4	23.6	19.6	16.8	14.7	11.8	9.8	8.4	7.4	6.5
	80	M	0.42	31.5	25.2	21.0	18.0	15.7	12.6	10.5	9.0	7.9	7.0
	90	M	0.45	33.4	26.7	22.3	19.1	16.7	13.4	11.1	9.5	8.3	7.4
	100	M	0.47	35.2	28.2	23.5	20.1	17.6	14.1	11.7	10.1	8.8	7.8
	110	M	0.50	36.9	29.5	24.6	21.1	18.5	14.8	12.3	10.5	9.2	8.2
	120	M	0.52	38.6	30.8	25.7	22.0	19.3	15.4	12.9	11.0	9.6	8.6
	130	M	0.54	40.1	32.1	26.8	22.9	20.1	16.1	13.4	11.5	10.0	8.9
	140	M	0.56	41.6	33.3	27.8	23.8	20.8	16.7	13.9	11.9	10.4	9.3
150	M	0.58	43.1	34.5	28.7	24.6	21.6	17.2	14.4	12.3	10.8	9.6	

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				4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12MPH	14 MPH	16 MPH	18 MPH
 24m strainer	40	XC	0.40	29.7	23.7	19.8	17.0	14.8	11.9	9.9	8.5	7.4	6.6
	50	VC	0.45	33.2	26.5	22.1	19.0	16.6	13.3	11.1	9.5	8.3	7.4
	60	VC	0.49	36.3	29.1	24.2	20.8	18.2	14.5	12.1	10.4	9.1	8.1
	70	VC	0.53	39.3	31.4	26.2	22.4	19.6	15.7	13.1	11.2	9.8	8.7
	80	C	0.57	42.0	33.6	28.0	24.0	21.0	16.8	14.0	12.0	10.5	9.3
	90	C	0.60	44.5	35.6	29.7	25.4	22.3	17.8	14.8	12.7	11.1	9.9
	100	C	0.63	46.9	37.5	31.3	26.8	23.5	18.8	15.6	13.4	11.7	10.4
	110	M	0.66	49.2	39.4	32.8	28.1	24.6	19.7	16.4	14.1	12.3	10.9
	120	M	0.69	51.4	41.1	34.3	29.4	25.7	20.6	17.1	14.7	12.9	11.4
	130	M	0.72	53.5	42.8	35.7	30.6	26.8	21.4	17.8	15.3	13.4	11.9
	140	M	0.75	55.5	44.4	37.0	31.7	27.8	22.2	18.5	15.9	13.9	12.3
150	M	0.77	57.5	46.0	38.3	32.8	28.7	23.0	19.2	16.4	14.4	12.8	
 24m strainer	40	XC	0.50	37.1	29.7	24.8	21.2	18.6	14.9	12.4	10.6	9.3	8.3
	50	XC	0.56	41.5	33.2	27.7	23.7	20.8	16.6	13.8	11.9	10.4	9.2
	60	VC	0.61	45.5	36.4	30.3	26.0	22.7	18.2	15.2	13.0	11.4	10.1
	70	VC	0.66	49.1	39.3	32.8	28.1	24.6	19.7	16.4	14.0	12.3	10.9
	80	VC	0.71	52.5	42.0	35.0	30.0	26.3	21.0	17.5	15.0	13.1	11.7
	90	C	0.75	55.7	44.6	37.1	31.8	27.9	22.3	18.6	15.9	13.9	12.4
	100	C	0.79	58.7	47.0	39.2	33.6	29.4	23.5	19.6	16.8	14.7	13.1
	110	C	0.83	61.6	49.3	41.1	35.2	30.8	24.6	20.5	17.6	15.4	13.7
	120	C	0.87	64.3	51.5	42.9	36.8	32.2	25.7	21.4	18.4	16.1	14.3
	130	C	0.90	67.0	53.6	44.6	38.3	33.5	26.8	22.3	19.1	16.7	14.9
	140	M	0.94	69.5	55.6	46.3	39.7	34.7	27.8	23.2	19.9	17.4	15.4
150	M	0.97	71.9	57.5	48.0	41.1	36.0	28.8	24.0	20.6	18.0	16.0	
 24m strainer	40	XC	0.60	44.6	35.7	29.7	25.5	22.3	17.8	14.9	12.7	11.1	9.9
	50	XC	0.67	49.8	39.9	33.2	28.5	24.9	19.9	16.6	14.2	12.5	11.1
	60	XC	0.74	54.6	43.7	36.4	31.2	27.3	21.8	18.2	15.6	13.6	12.1
	70	XC	0.79	59.0	47.2	39.3	33.7	29.5	23.6	19.7	16.8	14.7	13.1
	80	XC	0.85	63.0	50.4	42.0	36.0	31.5	25.2	21.0	18.0	15.8	14.0
	90	XC	0.90	66.8	53.5	44.6	38.2	33.4	26.7	22.3	19.1	16.7	14.9
	100	XC	0.95	70.5	56.4	47.0	40.3	35.2	28.2	23.5	20.1	17.6	15.7
	110	XC	1.00	73.9	59.1	49.3	42.2	37.0	29.6	24.6	21.1	18.5	16.4
	120	XC	1.04	77.2	61.8	51.5	44.1	38.6	30.9	25.7	22.1	19.3	17.2
	130	XC	1.08	80.3	64.3	53.6	45.9	40.2	32.1	26.8	23.0	20.1	17.9
	140	VC	1.12	83.4	66.7	55.6	47.6	41.7	33.3	27.8	23.8	20.8	18.5
150	VC	1.16	86.3	69.0	57.5	49.3	43.1	34.5	28.8	24.7	21.6	19.2	
 24m strainer	40	XC	0.80	59.2	47.3	39.4	33.8	29.6	23.7	19.7	16.9	14.8	13.1
	50	XC	0.89	66.2	52.9	44.1	37.8	33.1	26.5	22.1	18.9	16.5	14.7
	60	XC	0.98	72.5	58.0	48.3	41.4	36.2	29.0	24.2	20.7	18.1	16.1
	70	XC	1.05	78.3	62.6	52.2	44.7	39.1	31.3	26.1	22.4	19.6	17.4
	80	XC	1.13	83.7	66.9	55.8	47.8	41.8	33.5	27.9	23.9	20.9	18.6
	90	XC	1.20	88.8	71.0	59.2	50.7	44.4	35.5	29.6	25.4	22.2	19.7
	100	XC	1.26	93.6	74.8	62.4	53.5	46.8	37.4	31.2	26.7	23.4	20.8
	110	XC	1.32	98.1	78.5	65.4	56.1	49.1	39.2	32.7	28.0	24.5	21.8
	120	XC	1.38	102.5	82.0	68.3	58.6	51.2	41.0	34.2	29.3	25.6	22.8
	130	XC	1.44	106.7	85.3	71.1	61.0	53.3	42.7	35.6	30.5	26.7	23.7
	140	XC	1.49	110.7	88.6	73.8	63.3	55.3	44.3	36.9	31.6	27.7	24.6
150	XC	1.54	114.6	91.7	76.4	65.5	57.3	45.8	38.2	32.7	28.6	25.5	
 24m strainer	40	XC	1.00	74.2	59.4	49.5	42.4	37.1	29.7	24.7	21.2	18.5	16.5
	50	XC	1.12	83.0	66.4	55.3	47.4	41.5	33.2	27.7	23.7	20.7	18.4
	60	XC	1.22	90.9	72.7	60.6	51.9	45.4	36.3	30.3	26.0	22.7	20.2
	70	XC	1.32	98.2	78.5	65.4	56.1	49.1	39.3	32.7	28.0	24.5	21.8
	80	XC	1.41	104.9	83.9	70.0	60.0	52.5	42.0	35.0	30.0	26.2	23.3
	90	XC	1.50	111.3	89.0	74.2	63.6	55.6	44.5	37.1	31.8	27.8	24.7
	100	XC	1.58	117.3	93.9	78.2	67.0	58.7	46.9	39.1	33.5	29.3	26.1
	110	XC	1.66	123.0	98.4	82.0	70.3	61.5	49.2	41.0	35.2	30.8	27.3
	120	XC	1.73	128.5	102.8	85.7	73.4	64.3	51.4	42.8	36.7	32.1	28.6
	130	XC	1.80	133.8	107.0	89.2	76.4	66.9	53.5	44.6	38.2	33.4	29.7
	140	XC	1.87	138.8	111.0	92.5	79.3	69.4	55.5	46.3	39.7	34.7	30.8
150	XC	1.94	143.7	114.9	95.8	82.1	71.8	57.5	47.9	41.1	35.9	31.9	