

TURBODROP® FLAT FAN

TURBODROP® FLAT FAN NOZZLE	LIQUID PRESSURE PSI	DROPLET SIZE ASABE	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	
 (use 50 mesh)	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	
	 (use 50 mesh)	40	M	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		M	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	
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	
 (use 50 mesh)		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	
	 (use 50 mesh)	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	
 (use 50 mesh)		40	C	0.30	22.3	17.8	14.8	12.7	11.1	8.9	7.4	6.4	5.6	4.9
		50	VC	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	
	 (use 24 mesh)	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	
 (use 24 mesh)		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	
	 (use 24 mesh)	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.								