



# ER Series - Extended Range

Tip Cap	PSI	Drop Size	Capacity One Nozzle (GPM)	20" Spacing							
				GPA							
				5 MPH	6 MPH	7.5MPH	10 MPH	12.5 MPH	15 MPH	17.5 MPH	20MPH
ER110-01 (100)	20	F	0.07	4.2	3.5	2.8	2.1	1.7	1.4	1.2	1.1
	30	F	0.09	5.1	4.5	3.4	2.6	2.1	1.7	1.5	1.3
	40	F	0.1	5.9	5.0	4.0	3.0	2.4	2.0	1.7	1.5
	50	F	0.11	6.6	5.5	4.4	3.3	2.7	2.2	1.9	1.7
	60	F	0.12	7.3	5.9	4.8	3.6	2.9	2.4	2.1	1.8
	70	F	0.13	7.9	6.4	5.2	3.9	3.1	2.6	2.2	2.0
ER110-015 (100)	20	F	0.11	6.3	5.5	4.2	3.2	2.5	2.1	1.8	1.6
	30	F	0.13	7.7	6.4	5.1	3.9	3.1	2.6	2.2	1.9
	40	F	0.15	8.9	7.4	5.9	4.5	3.6	3.0	2.5	2.2
	50	F	0.17	10.0	8.4	6.6	5.0	4.0	3.3	2.8	2.5
	60	F	0.18	10.9	8.9	7.3	5.5	4.4	3.6	3.1	2.7
	70	F	0.2	11.8	9.9	7.9	5.9	4.7	3.9	3.4	2.9
ER110-02 (50)	20	F	0.14	8.4	6.9	5.6	4.2	3.4	2.8	2.4	2.1
	30	F	0.17	10.3	8.4	6.9	5.1	4.1	3.4	2.9	2.6
	40	F	0.2	11.9	9.9	7.9	5.9	4.8	4.0	3.4	3.0
	50	F	0.22	13.3	10.9	8.9	6.6	5.3	4.4	3.8	3.3
	60	F	0.24	14.5	11.9	9.7	7.3	5.8	4.8	4.2	3.6
	70	F	0.26	15.7	12.9	10.5	7.9	6.3	5.2	4.5	3.9
ER110-025 (50)	20	F	0.18	10.5	8.9	7.0	5.3	4.2	3.5	3.0	2.6
	30	F	0.22	12.9	10.9	8.6	6.4	5.1	4.3	3.7	3.2
	40	F	0.25	14.9	12.4	9.9	7.4	5.9	5.0	4.2	3.7
	50	F	0.28	16.6	13.9	11.1	8.3	6.6	5.5	4.7	4.2
	60	F	0.31	18.2	15.3	12.1	9.1	7.3	6.1	5.2	4.5
	70	F	0.33	19.6	16.3	13.1	9.8	7.9	6.5	5.6	4.9
ER110-03 (50)	20	F	0.21	12.6	10.4	8.4	6.3	5.0	4.2	3.6	3.2
	30	F	0.26	15.4	12.9	10.3	7.7	6.2	5.1	4.4	3.9
	40	F	0.3	17.8	14.9	11.9	8.9	7.1	5.9	5.1	4.5
	50	F	0.34	20.0	16.8	13.3	10.0	8.0	6.6	5.7	5.0
	60	F	0.37	22.0	18.3	14.5	10.9	8.7	7.3	6.2	5.5
	70	F	0.4	24.0	19.8	15.7	11.8	9.4	7.9	6.7	5.9
ER110-04 (50)	20	M	0.28	16.8	13.9	11.2	8.4	6.7	5.6	4.8	4.2
	30	M	0.35	21.0	17.3	13.7	10.3	8.2	6.9	5.9	5.1
	40	F	0.4	24.0	19.8	15.8	11.9	9.5	7.9	6.8	5.9
	50	F	0.45	27.0	22.3	17.7	13.3	10.6	8.9	7.6	6.6
	60	F	0.49	29.0	24.3	19.4	14.5	11.6	9.7	8.3	7.3
	70	F	0.53	31.0	26.2	21.0	15.7	12.6	10.5	9.0	7.9
ER110-05 (50)	20	M	0.35	21.0	17.3	14.0	10.5	8.4	7.0	6.0	5.3
	30	M	0.43	26.0	21.3	17.1	12.9	10.3	8.6	7.3	6.4
	40	F	0.5	30.0	24.8	20.0	15.0	11.9	9.9	8.5	7.4
	50	F	0.56	33.0	27.7	22.0	17.0	13.3	11.1	9.5	8.3
	60	F	0.61	36.0	30.2	24.0	18.0	14.5	12.1	10.4	9.1
	70	F	0.66	39.0	32.7	26.0	20.0	15.7	13.1	11.2	9.8
ER110-06 (50)	20	C	0.42	25.0	20.8	16.8	12.6	10.1	8.4	7.2	6.3
	30	M	0.52	31.0	25.8	20.6	15.4	12.3	10.3	8.8	7.7
	40	M	0.6	36.0	29.7	23.8	17.8	14.3	11.9	10.2	8.9
	50	M	0.67	40.0	33.2	27.0	20.0	15.9	13.3	11.4	10.0
	60	M	0.73	44.0	36.0	29.0	22.0	17.5	14.5	12.5	10.9
	70	F	0.79	47.0	39.0	31.0	24.0	19.0	15.7	13.5	11.8



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				5 MPH	6 MPH	7.5MPH	10 MPH	12.5 MPH	15 MPH	17.5 MPH	20MPH
ER110-08	20	M	0.57	34.0	28.0	22.0	17.0	13.0	11.0	10.0	8.0
	30	F	0.69	41.0	34.0	27.0	21.0	16.0	14.0	12.0	10.0
	40	F	0.8	48.0	40.0	32.0	24.0	19.0	16.0	14.0	12.0
	50	F	0.89	53.0	44.0	35.0	27.0	21.0	18.0	15.0	13.0
	60	F	0.98	58.0	49.0	39.0	29.0	23.0	19.0	17.0	15.0
	70	F	1.06	63.0	53.0	42.0	31.0	25.0	21.0	18.0	16.0
ER110-10	20	C	0.71	42.0	35.0	28.0	21.0	17.0	14.0	12.0	11.0
	30	M	0.87	51.0	43.0	34.0	26.0	21.0	17.0	15.0	13.0
	40	F	1	59.0	50.0	40.0	30.0	24.0	20.0	17.0	15.0
	50	F	1.12	66.0	56.0	44.0	33.0	27.0	22.0	19.0	17.0
	60	F	1.22	73.0	60.0	48.0	36.0	29.0	24.0	21.0	18.0
	70	F	1.32	79.0	65.0	52.0	39.0	31.0	26.0	22.0	20.0
ER110-125	20	C	0.88	53.0	44.0	35.0	26.0	21.0	18.0	15.0	13.0
	30	C	1.08	64.0	54.0	43.0	32.0	26.0	21.0	18.0	16.0
	40	M	1.25	74.0	62.0	50.0	37.0	30.0	25.0	21.0	19.0
	50	M	1.4	83.0	69.0	55.0	42.0	33.0	28.0	24.0	21.0
	60	M	1.53	91.0	76.0	61.0	45.0	36.0	30.0	26.0	23.0
	70	M	1.65	98.0	82.0	65.0	49.0	39.0	33.0	28.0	25.0
ER110-15	20	C	1.06	63.0	53.0	42.0	32.0	25.0	21.0	18.0	16.0
	30	C	1.3	77.0	64.0	51.0	39.0	31.0	26.0	22.0	19.0
	40	M	1.5	89.0	74.0	59.0	45.0	36.0	30.0	25.0	22.0
	50	M	1.68	100.0	83.0	66.0	50.0	40.0	33.0	28.0	25.0
	60	M	1.84	109.0	91.0	73.0	55.0	44.0	36.0	31.0	27.0
	70	M	1.98	118.0	98.0	79.0	59.0	47.0	39.0	34.0	29.0



### ER SERIES - EXTENDED RANGE

DROPLET SIZE - **SMALLEST** (246vdm\*)

COVERAGE - **BEST**

DRIFT POTENTIAL - **MOST LIKELY TO DRIFT**

DESIGN - **SINGLE ORIFICE FLAT FAN**

