

E.R SERIES SPECIFICATIONS

Model	Maximum Working Capacity Cu.Ft.	A Overall Diameter	B Overall Height	C Process Channel Width	H Center Column Diameter	D Screen Deck Width	E Screen Deck Height	F Base Diameter	G Drain Size	Number of Drains	Motor Horse Power	460 Volts Amp Load	230 Volts Amp Load	Approx Shipping Weight
ER-0203	2.5	42.0	43.0	7.5	26.0	6.0	37.0	41.0	4.0	1.0	3.0	7.8	12.6	2,200
ER-0203D	2.5	42.0	43.0	8.7	24.0	6.0	37.0	41.0	-	-	3.0	7.8	12.6	2,200
ER-0203FB	3.0	42.0	43.0	7.5	26.0	-	-	41.0	4.0	1.0	3.0	7.8	12.6	2,200
ER-0405	5.0	48.7	46.5	10.2	26.0	8.0	39.0	47.0	4.0	3.0	3.0	7.8	12.6	3,000
ER-0405D	5.0	48.7	46.5	12.0	24.0	9.0	39.0	47.0	-	-	3.0	7.8	12.6	3,000
ER-0405FB	6.0	48.7	46.5	10.2	26.0	-	-	47.0	4.0	3.0	3.0	7.8	12.6	3,000
ER-1011	10.0	61.25	55.25	12.50	33.25	12.5	44.0	57.0	4.0	3.0	7.5	14.0	25.0	5,000
ER-1011D	10.0	60.0	52.0	15.0	30.0	11.0	40.0	57.0	-	-	7.5	14.0	25.0	5,000
ER-1011FB	11.5	60.0	52.0	13.4	32.0	-	-	57.0	4.0	3.0	7.5	14.0	25.0	5,000
ER-1516	15.0	70.0	53.0	15.0	38.0	13.0	40.0	67.0	4.0	3.0	10.0	17.0	31.0	5,500
ER-1516D	15.0	70.0	53.0	17.0	36.0	13.0	40.0	67.0	-	-	10.0	17.0	31.0	5,500
ER-1516FB	17.0	70.0	53.0	15.0	38.0	-	-	67.0	4.0	3.0	10.0	17.0	31.0	5,500
ER-1822	18.0	76.0	53.0	18.0	38.0	15.0	42.0	67.0	4.0	3.0	10.0	17.0	31.0	6,200
ER-1822D	18.0	76.0	53.0	19.5	36.0	15.0	42.0	67.0	-	-	10.0	17.0	31.0	6,200
ER-1822FB	20.0	76.0	53.0	18.0	38.0	-	-	67.0	4.0	3.0	10.0	17.0	31.0	6,200
ER-2530	26.0	80.0	63.7	20.0	38.0	17.0	52.0	66.0	4.0	3.0	10.0	17.0	31.0	6,600
ER-2530D	26.0	80.0	63.7	21.5	36.0	17.0	52.0	66.0	-	-	10.0	17.0	31.0	6,600
ER-2530FB	28.0	80.0	63.7	20.0	38.0	-	-	66.0	4.0	3.0	10.0	17.0	31.0	6,600
ER-60	51.0	108.0	80.0	22.0	61.0	19.0	58.0	104.0	4.0	3.0	30.0	43.0	83.0	12,000
ER-60FB	54.0	108.0	80.0	22.0	61.0	-	-	104.0	4.0	3.0	30.0	43.0	83.0	12,000
ER-100	82.0	120.0	86.0	27.0	61.0	24.0	62.0	104.0	4.0	6.0	30.0	43.0	83.0	20,500
ER-100FB	85.0	120.0	86.0	27.0	61.0	-	-	104.0	4.0	6.0	30.0	43.0	83.0	20,500
D - Dryer FB - Flat Bottom									NOTE: All models other than the Dryer (D) can be either Straight Wall (S) or Curved Wall (C). Curved Wall is recommended for processes using steel media.					

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Calculating Machine Capacity There is a tremendous amount of variability throughout the industry in the way machine capacity is computed. For your reference, all Spiratron ER Series machines carry machine capacity figures based on the following formula, where C = width of the processing channel and H = center column diameter:

$$\text{Capacity} = (C^2 * (H + C))/778$$

