

Model LSD / Supply Performance Data

Nom Neck Size		Nom. Neck Sq. Ft.	Neck Velocity	300				400				500				600				700				800				900											
W	H			Ps	0.03				0.06				0.09				0.13				0.18				0.24				0.30										
6"	6"	0.25 Ak = .10	CFM	80				100				130				150				180				200				230											
			NC	<20				<20				<20				23				27				30				33											
			4 way throw	4	5	7	4	6	8	5	6	9	6	7	10	6	7	10	6	7	10	6	7	10	6	7	10	6	8	11	7	8	12	6	8	11	7	8	12
			3 way throw	5	6	9	6	7	10	6	8	11	7	8	12	7	8	12	8	10	13	8	10	13	9	10	15	9	11	16	10	12	17	10	13	18	11	14	21
			2 way throw	6	7	10	6	8	11	7	9	13	8	10	13	8	10	13	9	10	15	9	10	15	9	11	16	10	12	17	10	12	17	11	14	19	11	14	21
			1 way throw	8	10	14	9	11	16	10	13	18	11	13	19	12	15	21	13	16	22	14	18	24	15	19	26	16	21	28	17	22	30	18	24	32	19	25	33
9"	9"	0.56 Ak = .23	CFM	170				230				280				340				390				450				510											
			NC	<20				<20				21				26				30				34				37											
			4 way throw	6	7	10	7	8	12	8	9	13	8	10	14	9	11	15	10	12	17	10	11	15	10	12	17	11	13	18	11	13	19	12	14	20	12	15	22
			3 way throw	7	9	12	8	10	14	9	11	16	10	12	18	11	13	19	12	14	20	13	15	22	13	16	23	14	17	24	14	18	26	15	19	27	15	19	27
			2 way throw	8	10	14	10	12	17	11	13	18	12	14	20	13	15	22	14	17	24	15	18	25	15	19	27	16	20	28	16	20	28	17	22	30	17	22	30
			1 way throw	12	14	20	14	17	24	15	18	26	17	20	29	18	22	31	19	23	32	20	25	34	20	25	34	21	27	37	21	27	37	22	29	40	22	29	40
12"	12"	1.00 Ak = .40	CFM	300				400				500				600				700				800				900											
			NC	<20				<20				24				29				33				36				39											
			4 way throw	8	10	13	9	11	16	10	12	17	11	13	19	12	15	21	13	16	22	14	17	24	14	17	24	15	19	26	15	19	26	16	21	29	16	21	29
			3 way throw	10	12	17	11	13	19	12	15	21	13	17	23	15	18	25	16	20	28	17	21	29	17	21	29	18	23	31	18	23	31	19	24	33	19	24	33
			2 way throw	11	13	19	13	16	22	14	17	25	16	19	27	17	21	29	18	22	31	19	23	32	19	23	32	20	25	34	20	25	34	21	26	36	21	26	36
			1 way throw	16	19	27	18	22	31	20	25	35	22	27	38	24	29	41	25	31	42	26	32	43	26	32	43	27	34	46	27	34	46	28	35	48	28	35	48
15"	15"	1.56 Ak = .63	CFM	470				630				780				940				1,090				1,250				1,410											
			NC	<20				20				26				30				34				38				41											
			4 way throw	10	12	17	11	14	20	13	15	22	14	17	24	15	18	26	16	19	28	17	21	29	17	21	29	18	22	31	18	22	31	19	24	33	19	24	33
			3 way throw	12	15	21	14	17	24	15	19	27	17	21	29	18	22	31	19	23	32	20	25	34	20	25	34	21	26	36	21	26	36	22	28	38	22	28	38
			2 way throw	14	17	24	16	20	28	18	22	31	19	24	34	21	26	36	22	28	39	24	29	40	24	29	40	25	31	42	25	31	42	26	32	44	26	32	44
			1 way throw	19	24	34	23	28	39	25	31	43	28	34	48	30	36	51	32	39	55	34	41	56	34	41	56	35	43	59	35	43	59	36	45	62	36	45	62
18"	18"	2.25 Ak = .90	CFM	680				900				1,130				1,350				1,580				1,800				2,030											
			NC	<20				22				27				32				36				40				43											
			4 way throw	12	14	20	13	17	23	15	18	26	17	20	29	18	22	31	19	23	33	20	25	34	20	25	34	21	26	36	21	26	36	22	28	39	22	28	39
			3 way throw	14	18	25	17	20	29	18	23	32	20	25	35	22	27	38	23	29	40	25	30	41	25	30	41	26	32	43	26	32	43	27	33	45	27	33	45
			2 way throw	17	20	29	19	23	33	21	26	37	23	29	40	25	31	44	27	33	47	29	35	48	29	35	48	30	37	50	30	37	50	31	39	53	31	39	53
			1 way throw	23	29	41	27	33	47	30	37	52	33	40	57	36	44	62	38	47	66	40	49	68	40	49	68	41	50	70	41	50	70	42	51	72	42	51	72
21"	21"	3.06 Ak = 1.25	CFM	920				1,230				1,530				1,840				2,140				2,450				2,760											
			NC	<20				23				29				33				37				41				44											
			4 way throw	14	17	24	16	19	27	18	22	30	19	24	33	21	25	36	22	27	39	24	29	41	24	29	41	25	31	43	25	31	43	26	32	45	26	32	45
			3 way throw	17	20	29	19	24	33	22	26	37	24	29	41	25	31	44	27	33	47	29	35	49	29	35	49	30	37	51	30	37	51	31	39	54	31	39	54
			2 way throw	19	24	33	22	27	39	25	30	43	27	33	47	29	36	51	31	39	54	33	41	56	33	41	56	34	42	58	34	42	58	35	43	60	35	43	60
			1 way throw	27	33	47	31	39	55	35	43	61	39	47	67	42	51	72	44	54	77	47	57	80	47	57	80	48	58	82	48	58	82	49	59	84	49	59	84
24"	24"	4.00 Ak = 1.55	CFM	1,200				1,600				2,000				2,400				2,800				3,200				3,600											
			NC	<20				24				30				35				39				42				45											
			4 way throw	16	19	27	18	22	31	20	25	35	22	27	38	24	29	41	25	31	44	27	33	46	27	33	46	28	34	48	28	34	48	29	35	50	29	35	50
			3 way throw	19	23	33	22	27	38	25	30	43	27	33	47	29	36	50	31	38	54	33	40	55	33	40	55	34	42	57	34	42	57	35	43	60	35	43	60
			2 way throw	22	27	38	25	31	44	28	35	49	31	38	54	34	41	58	36	44	62	40	48	66	40	48	66	41	50	69	41	50	69	42	51	72	42	51	72
			1 way throw	31	38	54	36	44	62	40	49	70	44	54	76	48	58	82	51	62	88	54	66	93	54	66	93	55	67	96	55	67	96	56	69	100	56	69	100
27"	27"	5.06 Ak = 2.02	CFM	1,520				2,030				2,530				3,040				3,540				4,050				4,560											
			NC	<20				25				31				36				40				43				46											
			4 way throw	18	21	30	20	25	35	23	28	39	25	30	43	27	33	46	29	35	50	30	37	53	30	37	53	31	39	54	31	39	54	32	40	57	32	40	57
			3 way throw	21	26	37	25	30	43	28	34	48	30	37	53	33	40	57	35	43	61	37	45	63	37	45	63	38	46	65	38	46	65	39	48	67	39	48	67
			2 way throw	25	30	43	29	35	50	32	39	55	35	43	61	38	46	65	40	50	70	43	53	74	43	53	74	44	54	77	44	54	77	45	55	80	45	55	80
			1 way throw	35	43	61	40	50	70	45	55	78	50	61	86	53	65	93	57	70	99	61	74	105	61	74	105	62	76	108	62	76	108	63	78	111	63	78	111
30"	30"	6.25 Ak = 2.35	CFM	1,880				2,500				3,130				3,750				4,380				5,000				5,630											
			NC	<20				26				32				36				40				44				47											
			4 way throw	19	24	34	22	28	39	25	31	44	28	34	48	30	36	51	32	39	55	34	41	58	34	41	58	35	43	60	35	43	60	36	44	62	36	44	62
			3 way throw	24	29	41	28	34	48	31	38	53	34	41	58	36	45	63	39	48	67	41	51	71	41	51	71	42	52	74	42	52	74	43	53	76	43	53	76
			2 way throw	28	34	48	32	39	55	36	44	62	39	48	67	42	51	73	45	55	78	48	58	83	48	58	83	49	59	85	49	59	85	50	60	87	50	60	87
			1 way throw	39	48	67	45	55	78	50	62	87	55	67	95	59	73	103	64	78	110	67	83	117	67	83	117	68	84	120	68	84	120						