

### LSD-R (Return) Series

# of Slots	Width	Core Eff. Area (ft. <sup>2</sup> )	Neck Velocity (FPM)		300	400	500	600	700	800	900	1000
			Total Pressure		0.006	0.015	0.035	0.075	0.115	0.155	0.170	0.225
1	1/2"	0.042	CFM/ft.		13	17	21	25	29	33	38	42
			NC		<20	<20	<20	20	20	20	25	25
2	1/2"	0.083	CFM/ft.		25	33	42	50	58	67	75	83
			NC		<20	<20	<20	20	20	20	25	25
3	1/2"	0.125	CFM/ft.		38	50	63	75	88	100	113	125
			NC		<20	<20	<20	20	20	20	25	25
4	1/2"	0.167	CFM/ft.		50	67	83	100	117	133	150	167
			NC		<20	<20	<20	20	20	20	25	25
5	1/2"	0.208	CFM/ft.		63	83	104	125	146	167	188	208
			NC		<20	<20	<20	20	20	20	25	25
6	1/2"	0.250	CFM/ft.		75	100	125	150	175	200	225	250
			NC		<20	<20	<20	20	20	25	25	25
7	1/2"	0.292	CFM/ft.		88	117	146	175	204	233	263	292
			NC		<20	<20	<20	20	20	20	25	30
8	1/2"	0.333	CFM/ft.		100	133	167	200	233	267	300	333
			NC		<20	<20	<20	20	20	25	25	30

# of Slots	Width	Core Eff. Area (ft. <sup>2</sup> )	Neck Velocity (FPM)		300	400	500	600	700	800	900	1000
			Total Pressure		0.004	0.015	0.035	0.075	0.115	0.155	0.170	0.225
1	3/4"	0.063	CFM/ft.		19	25	31	38	44	50	56	63
			NC		<20	<20	<20	20	20	20	25	25
2	3/4"	0.125	CFM/ft.		38	50	63	75	88	100	113	125
			NC		<20	<20	<20	20	20	20	25	25
3	3/4"	0.188	CFM/ft.		56	75	94	113	131	150	169	188
			NC		<20	<20	<20	20	20	20	25	25
4	3/4"	0.250	CFM/ft.		75	100	125	150	175	200	225	250
			NC		<20	<20	<20	20	20	20	25	25
5	3/4"	0.313	CFM/ft.		94	125	156	188	219	250	281	313
			NC		<20	<20	<20	20	20	20	25	25
6	3/4"	0.375	CFM/ft.		113	150	188	225	263	300	338	375
			NC		<20	<20	<20	20	20	20	25	25
7	3/4"	0.438	CFM/ft.		131	175	219	263	306	350	394	438
			NC		<20	<20	<20	20	25	25	30	30
8	3/4"	0.500	CFM/ft.		150	200	250	300	350	400	450	500
			NC		<20	<20	<20	20	25	25	30	30

# of Slots	Width	Core Eff. Area (ft. <sup>2</sup> )	Neck Velocity (FPM)	Total Pressure								
				300 0.004	400 0.015	500 0.035	600 0.075	700 0.115	800 0.155	900 0.170	1000 0.225	
1	1"	0.083	CFM/ft.	25	33	42	50	58	67	75	83	
			NC	<20	<20	<20	20	20	20	25	25	
2	1"	0.167	CFM/ft.	50	67	83	100	117	133	150	167	
			NC	<20	<20	<20	20	20	20	25	25	
3	1"	0.250	CFM/ft.	75	100	125	150	175	200	225	250	
			NC	<20	<20	<20	20	20	20	25	25	
4	1"	0.333	CFM/ft.	100	133	167	200	233	267	300	333	
			NC	<20	<20	<20	20	20	20	25	25	
5	1"	0.417	CFM/ft.	125	167	208	250	292	333	375	417	
			NC	<20	<20	<20	20	20	20	25	25	
6	1"	0.500	CFM/ft.	150	200	250	300	350	400	450	500	
			NC	<20	<20	<20	20	20	20	25	25	
7	1"	0.583	CFM/ft.	175	233	292	350	408	467	525	583	
			NC	<20	<20	<20	20	25	25	30	30	
8	1"	0.667	CFM/ft.	200	267	333	400	467	533	600	667	
			NC	<20	<20	<20	20	25	25	30	30	

**Performance Notes:**

- 1) All values in above table are per linear foot
- 2) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 3) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006

**NC Correction for Length**

Length	1'	2'	3'	4'	5'	6'	8'
Return	0	+3	+4	+5	+6	+7	+8