

## Performance data – D0 Linear Bar Décor Air

Width in mm / A in m <sup>3</sup>	Face Velocity in m/sec.	2	2.5	3	3.5	4	4.5	5	Number of Blades
50	Cfm	165	207	248	290	330	373	413	3
	m <sup>3</sup> /sec.	0.078	0.098	0.117	0.137	0.156	0.176	0.195	
	P in mm	0.15	0.21	0.21	0.25	0.32	0.4	0.51	
	Throw in m	2.7-4-5.5	3.5-4.2-6	4.5-6.7	4.5-5.2-7.3	4.6-5.5-7.6	4.9-5.8-8.2	5-6-8.5	
0.039	NC	15	15	15	16	22	25	30	
100	Cfm	250	313	375	438	500	563	625	7
	m <sup>3</sup> /sec.	0.118	0.148	0.177	0.207	0.236	0.266	0.295	
	P in mm	0.15	0.21	0.21	0.3	0.39	0.51	0.61	
	Throw in m	3-5-7	4-5-7.5	4.6-5-8.8	5-6-8.8	5.5-6.5-9	6-7.5-10	6.5-8-11	
0.059	NC	15	15	15	17	22	27	31	
150	Cfm	330	413	495	578	660	745	825	11
	m <sup>3</sup> /sec.	0.156	0.195	0.234	0.273	0.312	0.361	0.39	
	P in mm	0.15	0.21	0.25	0.36	0.46	0.58	0.71	
	Throw in m	4-5.5-8	4.5-6-8.5	5-7-9.5	6-7.5-10	7-8.5-11	7-9-11.5	8-9-12.5	
0.078	NC	15	15	15	17	23	28	32	
200	Cfm	410	515	616	718	821	925	1027	15
	m <sup>3</sup> /sec.	0.194	0.243	0.291	0.339	0.388	0.437	0.495	
	P in mm	0.2	0.23	0.31	0.39	0.53	0.66	0.91	
	Throw in m	4.5-6-7	5.2-6.5-9.5	6-7.5-10.5	6.7-8-11	7.5-8.8-12	7.6-9.5-13	8-10-14	
0.097	NC	15	15	16	21	26	31	35	
250	Cfm	491	614	736	860	982	1105	1228	19
	m <sup>3</sup> /sec.	0.232	0.29	0.348	0.406	0.464	0.522	0.58	
	P in mm	0.2	0.25	0.33	0.43	0.58	0.76	0.94	
	Throw in m	5-6.7-9.8	5.5-7.5-10.5	6.5-8.2-11	7.3-8.8-12	8-9.5-13	8.2-10-14	8.5-10.5-15	
0.116	NC	15	15	20	25	31	34	37	
300	Cfm	576	720	864	1008	1152	1296	1440	23
	m <sup>3</sup> /sec.	0.272	0.34	0.408	0.476	0.544	0.612	0.68	
	P in mm	0.2	0.31	0.36	0.47	0.64	0.85	1.02	
	Throw in m	5.2-7.3-10.5	6-8-11.5	7-9-12	8-10-13	8.5-10-14	9-11-15	9.3-11.5-16	
0.136	NC	15	18	24	28	32	35	40	

- Data based on one meter unit length of the grille with damper in full open position.
- Face velocity is measured in m/sec.
- P<sub>s</sub>: Static pressure loss is in mm of H<sub>2</sub>O.
- Throw (meters) is measured for a terminal velocities of 0.75, 0.5 & 0.25 m/sec.
- NC based on a room attenuation of 10 dB.

