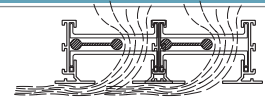
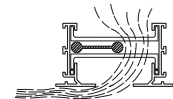


FL-30 - 2-SLOT, HIGHTHROW WITH TITUS PLENUM



3.0" Slot Width	2 Slot 10" Inlet	2 ft.	Airflow, cfm	80	180	280	380	480	580	680
			Total Pressure	0.006	0.032	0.077	0.141	0.226	0.329	0.453
Static Pressure	0.005	0.025	0.060	0.111	0.177	0.259	0.356			
NC (Noise Criteria)	<10	<10	<10	20	31	39	46			
Throw	1-3-10	7-11-19	12-17-24	16-20-28	18-22-32	20-24-35	22-27-38			
3.0" Slot Width	2 Slot 10" Inlet	4 ft.	Airflow, cfm	150	300	450	600	750	900	1050
			Total Pressure	0.009	0.036	0.081	0.145	0.226	0.326	0.444
Static Pressure	0.004	0.017	0.039	0.069	0.108	0.156	0.212			
NC (Noise Criteria)	<10	<10	<10	22	32	41	48			
Throw	2-4-13	7-13-25	13-20-31	18-25-35	22-28-39	25-31-43	27-33-47			
3.0" Slot Width	2 Slot 10" Inlet	5 ft.	Airflow, cfm	180	350	520	690	860	1030	1200
			Total Pressure	0.011	0.041	0.090	0.159	0.246	0.353	0.480
Static Pressure	0.004	0.015	0.033	0.059	0.091	0.131	0.177			
NC (Noise Criteria)	<10	<10	10	23	33	41	48			
Throw	2-4-14	7-14-27	14-21-33	18-27-38	23-30-42	27-33-46	29-35-50			
3.0" Slot Width	2 Slot 12" Inlet	2 ft.	Airflow, cfm	80	180	280	380	480	580	680
			Total Pressure	0.006	0.028	0.068	0.126	0.201	0.293	0.403
Static Pressure	0.005	0.025	0.060	0.111	0.177	0.259	0.356			
NC (Noise Criteria)	<10	<10	<10	16	26	35	42			
Throw	1-3-10	7-11-19	12-17-24	16-20-28	18-22-32	20-24-35	22-27-38			
3.0" Slot Width	2 Slot 12" Inlet	4 ft.	Airflow, cfm	150	310	470	630	790	950	1110
			Total Pressure	0.007	0.028	0.065	0.117	0.183	0.265	0.362
Static Pressure	0.004	0.018	0.043	0.076	0.120	0.174	0.237			
NC (Noise Criteria)	<10	<10	<10	19	30	38	45			
Throw	2-4-13	8-14-25	14-21-31	19-26-36	23-29-40	26-31-44	28-34-48			
3.0" Slot Width	2 Slot 12" Inlet	5 ft.	Airflow, cfm	180	360	540	720	900	1080	1260
			Total Pressure	0.007	0.029	0.065	0.116	0.182	0.262	0.356
Static Pressure	0.004	0.016	0.036	0.064	0.100	0.144	0.195			
NC (Noise Criteria)	<10	<10	<10	20	30	38	45			
Throw	2-4-14	7-14-27	14-21-33	19-27-39	24-31-43	27-33-47	29-36-51			

- All pressures are in inches of water
- Isothermal throw values given are for terminal velocities of 150, 100 and 50 fpm
- Each NC value represents the noise criteria that will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10dB, re 10<sup>-12</sup> watts
- The tests were conducted with the FlowBar and plenums as a composite assembly
- Data obtained from tests conducted in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Plenums not provided by Titus may demonstrate performance variations from data published by Titus. Titus can not guarantee performance if a factory engineered plenum is not provided.
- Throw values for HighThrow units are based on a one-way discharge from the slot
- Throws listed are for one-way air pattern. For divided airflow, select the airflow in each direction according to the number of slots aimed in that direction, with the total airflow apportioned between slots. See section Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' for throw information.
- For continuous lengths it is recommended that maximum active lengths are no longer than 10 feet



MODUFLOW 24 X 24 INCHES 1-SLOT DATA  
(BASED ON MF10 MODEL)

1" Slot Width	6" Dia Inlet	Neck Velocity, (fpm)	300	400	500	600	700	750	800	850	900
		Velocity Pressure, (In. WG)	0.006	0.010	0.016	0.022	0.031	0.035	0.040	0.045	0.051
Airflow, cfm	59	79	98	118	137	147	157	167	177		
Total Pressure, (In. WG)	0.015	0.027	0.043	0.062	0.084	0.096	0.110	0.124	0.139		
NC (Noise Criteria)	-	-	12	18	22	24	26	28	30		
Throw feet	0-1-4	1-2-6	1-3-8	2-4-9	2-5-10	3-6-11	3-6-11	3-7-12	4-7-12		
1" Slot Width	8" Dia Inlet	Airflow, cfm	105	140	175	209	244	262	279	297	314
		Total Pressure, (In. WG)	0.027	0.048	0.075	0.108	0.148	0.169	0.193	0.218	0.244
NC (Noise Criteria)	-	17	24	29	34	36	38	40	42		
Throw feet	1-3-8	2-5-11	4-7-12	5-8-13	6-10-14	7-10-14	7-11-15	8-11-15	8-11-16		
1" Slot Width	10" Dia Inlet	Airflow, cfm	164	218	273	327	382	409	436	464	491
		Total Pressure, (In. WG)	0.042	0.075	0.116	0.168	0.228	0.262	0.298	0.336	0.377
NC (Noise Criteria)	18	26	33	39	43	45	47	49	51		
Throw feet	3-6-11	6-9-13	7-10-15	9-11-16	10-12-17	10-13-18	11-13-19	11-14-19	11-14-20		

- All data based on tests conducted in accordance with ASHRAE Standard 70-2006
- Throw based on Isothermal air, at 150, 100 and 50 fpm terminal velocities
- NC based on a 10 dB reduction in discharge sound in all octave bands for room absorption

