

FORMATIONS PERFORMANCE DATA
TWO SLOT COMBO BLADE HORIZONTAL THROW WITH GREENHECK PLENUM

Two Slot — 1" Slot Width	Horizontal Throw	8" Oval Inlet	2 ft.	CFM	110	145	180	215	250	290	325	360					
				Ps	.037	.065	.102	.147	.200	.261	.331	.408					
				Pt	.044	.078	.121	.174	.236	.310	.392	.484					
				NC	-	17	22	26	30	34	37	40					
				Throw	6-10-15	9-13-18	11-14-20	13-15-22	14-17-24	15-18-25	15-19-27	16-20-28					
		10" Oval Inlet	4 ft.	CFM	215	290	360	430	505	575	550	720					
						Ps	.041	.073	.113	.163	.222	.290	.367	.454			
						Pt	.068	.122	.189	.271	.371	.483	.613	.755			
						NC	-	19	24	28	32	36	39	42			
					Throw	9-14-22	12-18-25	15-20-28	18-22-31	19-24-33	21-25-36	22-27-38	23-28-40				
				5 ft.	CFM	270	360	450	540	630	720	810	900				
						Ps	.045	.080	.125	.180	.244	.319	.404	.499			
						Pt	.087	.155	.243	.349	.476	.621	.786	.971			
						NC	-	20	25	30	34	37	40	43			
					Throw	12-18-24	16-24-28	21-27-32	24-29-35	26-32-37	28-34-40	29-36-42	31-38-45				
Two Slot — 1" Slot Width	Horizontal Throw		8" Oval Inlet	2 ft.	CFM	110	145	180	215	250	290	325	360				
					Ps	.033	.058	.091	.131	.179	.233	.295	.365				
					Pt	.036	.065	.101	.145	.197	.258	.327	.403				
					NC	-	17	22	26	30	34	37	40				
				Throw	6-10-15	9-13-18	11-14-20	13-15-22	14-17-24	15-18-25	15-19-27	16-20-28					
							4 ft.	CFM	215	290	360	430	505	575	550	720	
									Ps	.036	.065	.101	.146	.198	.259	.328	.405
									Pt	.050	.090	.140	.201	.274	.357	.454	.559
									NC	-	19	24	28	32	36	39	42
								Throw	9-14-22	12-18-25	15-20-28	18-22-31	19-24-33	21-25-36	22-27-38	23-28-40	
						5 ft.	CFM	270	360	450	540	530	720	810	900		
								Ps	.040	.071	.111	.160	.218	.285	.361	.446	
								Pt	.062	.110	.172	.247	.336	.439	.556	.686	
								NC	-	20	25	30	34	37	40	43	
							Throw	12-18-24	16-24-28	21-27-32	24-29-35	26-32-37	28-34-40	29-36-42	31-38-45		

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TWO SLOT COMBO BLADE HORIZONTAL THROW WITH GREENHECK PLENUM

Two Slot — 1.5" Slot Width	Horizontal Throw	8" Oval Inlet	2 ft.	CFM	95	125	155	185	215	250	280	310
				Ps	.018	.033	.051	.073	.100	.130	.165	.203
Pt	.024	.042	.065	.093	.127	.166	.210	.259				
NC	-	17	22	27	31	34	37	40				
Throw	4-7-14	6-9-17	8-11-18	9-14-20	11-15-22	12-17-23	14-18-25	15-18-26				
Two Slot — 1.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">8" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>185</td> <td>250</td> <td>310</td> <td>370</td> <td>435</td> <td>495</td> <td>560</td> <td>620</td> </td></td>	Horizontal Throw <td rowspan="2">8" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>185</td> <td>250</td> <td>310</td> <td>370</td> <td>435</td> <td>495</td> <td>560</td> <td>620</td> </td>	8" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>185</td> <td>250</td> <td>310</td> <td>370</td> <td>435</td> <td>495</td> <td>560</td> <td>620</td>	4 ft.	CFM	185	250	310	370	435	495	560	620
				Ps	.020	.036	.056	.081	.111	.145	.183	.226
Pt	.040	.073	.112	.161	.221	.287	.366	.450				
NC	-	19	24	29	33	36	39	42				
Throw	5-10-19	9-13-23	11-16-26	13-19-29	15-22-31	17-23-33	19-25-35	21-26-37				
Two Slot — 1.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">8" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>235</td> <td>310</td> <td>390</td> <td>465</td> <td>545</td> <td>620</td> <td>700</td> <td>775</td> </td></td>	Horizontal Throw <td rowspan="2">8" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>235</td> <td>310</td> <td>390</td> <td>465</td> <td>545</td> <td>620</td> <td>700</td> <td>775</td> </td>	8" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>235</td> <td>310</td> <td>390</td> <td>465</td> <td>545</td> <td>620</td> <td>700</td> <td>775</td>	5 ft.	CFM	235	310	390	465	545	620	700	775
				Ps	.022	.040	.062	.089	.122	.159	.201	.248
Pt	.055	.096	.151	.215	.295	.383	.486	.598				
NC	15	21	26	30	34	38	41	43				
Throw	7-13-22	12-17-26	14-22-29	17-26-32	20-29-35	23-31-37	26-33-39	29-35-41				
Two Slot — 1.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>95</td> <td>125</td> <td>155</td> <td>185</td> <td>215</td> <td>250</td> <td>280</td> <td>310</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>95</td> <td>125</td> <td>155</td> <td>185</td> <td>215</td> <td>250</td> <td>280</td> <td>310</td> </td>	12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>95</td> <td>125</td> <td>155</td> <td>185</td> <td>215</td> <td>250</td> <td>280</td> <td>310</td>	2 ft.	CFM	95	125	155	185	215	250	280	310
				Ps	.017	.030	.047	.068	.092	.120	.152	.188
Pt	.019	.033	.051	.074	.100	.132	.166	.205				
NC	-	17	22	26	30	34	37	39				
Throw	4-7-14	6-9-17	8-11-18	9-14-20	11-15-22	12-17-23	14-18-25	15-18-26				
Two Slot — 1.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>185</td> <td>250</td> <td>310</td> <td>370</td> <td>435</td> <td>495</td> <td>560</td> <td>620</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>185</td> <td>250</td> <td>310</td> <td>370</td> <td>435</td> <td>495</td> <td>560</td> <td>620</td> </td>	12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>185</td> <td>250</td> <td>310</td> <td>370</td> <td>435</td> <td>495</td> <td>560</td> <td>620</td>	4 ft.	CFM	185	250	310	370	435	495	560	620
				Ps	.019	.033	.052	.075	.102	.134	.169	.209
Pt	.025	.045	.070	.100	.136	.178	.226	.278				
NC	-	19	24	28	32	36	39	41				
Throw	5-10-19	9-13-23	11-16-26	13-19-29	15-22-31	17-23-33	19-25-35	21-26-37				
Two Slot — 1.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>235</td> <td>310</td> <td>390</td> <td>465</td> <td>545</td> <td>620</td> <td>700</td> <td>775</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>235</td> <td>310</td> <td>390</td> <td>465</td> <td>545</td> <td>620</td> <td>700</td> <td>775</td> </td>	12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>235</td> <td>310</td> <td>390</td> <td>465</td> <td>545</td> <td>620</td> <td>700</td> <td>775</td>	5 ft.	CFM	235	310	390	465	545	620	700	775
				Ps	.021	.037	.057	.083	.113	.147	.186	.230
Pt	.031	.054	.085	.122	.166	.216	.274	.338				
NC	-	20	25	30	34	37	40	43				
Throw	7-13-22	12-17-26	14-22-29	17-26-32	20-29-35	23-31-37	26-33-39	29-35-41				

LINEAR DIFFUSERS
AND GRILLES

FORMATIONS
LINEAR DIFFUSERS

FORMATIONS PERFORMANCE DATA
TWO SLOT COMBO BLADE HORIZONTAL THROW WITH GREENHECK PLENUM

Two Slot — 2" Slot Width	Horizontal Throw	8" Oval Inlet	2 ft.	CFM	100	140	175	210	250	285	325	360
						Ps	.015	.028	.044	.065	.090	.119
			Pt	.021	.039	.062	.091	.126	.166	.213	.264	
			NC	-	17	22	27	31	35	38	41	
			Throw	6-9-15	8-12-17	11-14-20	12-15-22	14-17-23	14-18-25	15-19-27	16-20-28	
		4 ft.	CFM	200	275	350	425	500	570	645	720	
			Ps	.016	.031	.049	.072	.100	.132	.168	.209	
			Pt	.040	.075	.121	.178	.246	.321	.410	.511	
			NC	-	19	24	29	33	37	40	43	
			Throw	4-9-18	7-12-25	11-16-28	13-19-31	15-22-33	17-25-36	19-27-38	22-28-40	
		5 ft.	CFM	255	345	440	530	625	715	810	900	
			Ps	.018	.034	.054	.080	.110	.145	.185	.230	
			Pt	.056	.103	.167	.243	.337	.443	.567	.701	
			NC	-	20	26	30	34	38	41	44	
			Throw	5-12-20	10-17-28	14-21-31	17-26-34	20-30-37	23-34-40	26-36-42	29-38-45	
Two Slot — 2" Slot Width	Horizontal Throw	12" Oval Inlet	2 ft.	CFM	100	140	175	210	250	285	325	360
				Ps	.013	.024	.039	.057	.079	.104	.133	.165
				Pt	.015	.028	.044	.065	.090	.119	.152	.188
				NC	-	17	22	27	31	35	38	41
				Throw	3-6-13	5-9-17	7-11-20	9-14-22	11-16-23	12-18-25	14-19-27	15-20-28
			4 ft.	CFM	200	275	350	425	500	570	645	720
				Ps	.014	.027	.043	.063	.088	.116	.147	.183
				Pt	.022	.040	.065	.096	.132	.174	.222	.276
				NC	-	19	24	29	33	37	40	43
				Throw	4-9-18	7-12-25	11-16-28	13-19-31	15-22-33	17-25-36	19-27-38	22-28-40
			5 ft.	CFM	255	345	440	530	625	715	810	900
				Ps	.016	.030	.048	0.07	.090	.127	.162	.201
				Pt	.028	.051	.082	0.12	.167	.219	.280	.347
				NC	-	20	26	30	34	38	41	44
				Throw	5-12-20	10-17-28	14-21-31	17-26-34	20-30-37	23-34-40	26-36-42	29-38-45

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TWO SLOT COMBO BLADE HORIZONTAL THROW WITH GREENHECK PLENUM

Two Slot — 2.5" Slot Width	Horizontal Throw	10" Oval Inlet	2 ft.	CFM	140	185	230	275	320	370	415	460	
				Ps	.015	.027	.042	.061	.083	.108	.137	.169	
				Pt	.021	.037	.058	.083	.113	.140	.188	.232	
				NC	-	17	22	26	30	33	37	39	
				Throw	4-8-16	6-11-20	9-13-23	11-16-25	12-18-27	14-20-28	16-21-30	18-23-32	
			4 ft.	CFM	275	370	460	550	645	735	830	920	
					Ps	.017	.030	.047	.068	.092	.120	.152	.188
					Pt	.039	.071	.110	.157	.216	.281	.357	.439
					NC	-	19	24	28	32	35	39	41
					Throw	5-11-22	9-15-28	12-19-32	15-22-35	17-26-38	20-28-40	22-30-43	25-32-45
			5 ft.	CFM	345	460	575	690	805	920	1035	1150	
					Ps	.019	.033	.052	.074	.101	.132	.167	.207
					Pt	.054	.096	.150	.216	.294	.384	.486	.599
					NC	-	20	25	30	33	37	40	43
					Throw	7-15-25	12-20-32	17-25-36	20-30-39	23-35-42	27-38-45	30-41-48	33-43-50
Two Slot — 2.5" Slot Width	Horizontal Throw	12" Oval Inlet	2 ft.	CFM	140	185	230	275	320	370	415	460	
				Ps	.014	.025	.039	.056	.076	.099	.125	.155	
				Pt	.017	.031	.048	.069	.094	.124	.156	.193	
				NC	-	16	21	25	29	32	35	38	
				Throw	4-8-16	6-11-20	9-13-23	11-16-25	12-18-27	14-20-28	16-21-30	18-23-32	
			4 ft.	CFM	275	370	460	550	645	735	830	920	
				Ps	.015	.028	.043	.062	.084	.110	.139	.172	
				Pt	.029	.052	.081	.116	.159	.207	.263	.324	
				NC	-	18	23	27	31	34	37	40	
				Throw	5-11-22	9-15-28	12-19-32	15-22-35	17-26-38	20-28-40	22-30-43	25-32-45	
			5 ft.	CFM	345	460	575	690	805	920	1035	1150	
				Ps	.017	.030	.047	.068	.093	.121	.153	.189	
				Pt	.038	.068	.107	.154	.209	.273	.346	.427	
				NC	-	19	24	28	32	36	39	42	
				Throw	7-15-25	12-20-32	17-25-36	20-30-39	23-35-42	27-38-45	30-41-48	33-43-50	

FORMATIONS PERFORMANCE DATA
TWO SLOT COMBO BLADE HORIZONTAL THROW WITH GREENHECK PLENUM

Two Slot — 3" Slot Width	Horizontal Throw	10" Oval Inlet	2 ft.	CFM	150	200	250	300	350	400	450	500				
				Ps	.015	.027	.042	.061	.083	.108	.137	.169				
				Pt	.022	.039	.061	.087	.119	.156	.197	.243				
				NC	-	17	22	26	30	34	37	40				
				Throw	3-7-16	6-10-21	9-13-23	10-16-26	12-18-28	14-21-30	16-22-32	17-23-33				
		12" Oval Inlet	4 ft.	CFM	300	400	500	600	700	800	900	1000				
						Ps	.017	.030	.047	.068	.092	.120	.152	.188		
						Pt	.044	.078	.121	.174	.237	.310	.392	.485		
						NC	-	19	24	28	32	36	39	42		
					Throw	5-10-22	8-15-29	12-18-33	15-22-36	17-26-39	20-29-42	22-32-45	25-33-53			
				5 ft.	CFM	375	500	625	750	875	1000	1125	1250			
						Ps	.019	.033	.052	.074	.101	.132	.167	.206		
						Pt	.060	.107	.168	.241	.328	.429	.543	.670		
						NC	-	20	25	30	34	37	40	43		
					Throw	6-14-25	11-20-33	16-25-37	20-30-41	23-35-44	26-40-47	30-42-50	33-45-53			
Two Slot — 3" Slot Width	Horizontal Throw		12" Oval Inlet	2 ft.	CFM	150	200	250	300	350	400	450	500			
					Ps	.014	.026	.040	.058	.079	.103	.130	.160			
					Pt	.018	.033	.051	.074	.101	.131	.166	.205			
					NC	-	16	21	25	29	32	35	38			
				Throw	3-7-16	6-10-21	9-13-23	10-16-26	12-18-28	14-21-30	16-22-32	17-23-33				
							4 ft.	CFM	300	400	500	600	700	800	900	1000
								Ps	.016	.029	.045	.064	.087	.114	.144	.178
								Pt	.032	.057	.089	.129	.175	.229	.290	.358
								NC	-	18	23	27	31	34	37	40
							Throw	5-10-22	8-15-29	12-18-33	15-22-36	17-26-39	20-29-42	22-32-45	25-33-47	
						5 ft.	CFM	375	500	625	750	875	1000	1125	1250	
								Ps	.018	.031	.049	.071	.096	.125	.159	.196
								Pt	.043	.076	.119	.172	.234	.305	.386	.477
								NC	-	19	24	29	32	36	39	42
							Throw	6-14-25	11-20-33	16-25-37	20-30-41	23-35-44	26-40-47	30-42-50	33-45-53	