

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

One Slot — 1" Slot Width	Horizontal Throw	6" Round Inlet	2 ft.	CFM	20	40	60	80	100	120	140	160				
				Ps	.004	.018	.040	.071	.111	.159	.217	.283				
				Pt	.005	.020	.046	.081	.127	.182	.248	.324				
				NC	-	-	20	26	31	35	38	41				
				Throw	1-3-7	4-7-11	7-10-14	9-11-16	10-13-18	11-14-19	12-15-21	13-16-22				
		8" Oval Inlet	4 ft.	CFM	40	80	120	160	200	240	280	320				
						Ps	.005	.020	.044	.079	.123	.177	.241	.314		
						Pt	.008	.030	.068	.120	.188	.270	.368	.480		
						NC	-	-	22	28	33	37	40	43		
						Throw	2-4-9	6-9-16	9-14-19	13-16-22	14-18-25	16-19-27	17-21-30	18-22-32		
				5 ft.	CFM	50	100	150	200	250	300	350	400			
						Ps	.005	.022	.049	.086	.135	.195	.265	.346		
						Pt	.009	.038	.085	.151	.236	.340	.463	.605		
						NC	-	16	23	29	34	38	42	45		
						Throw	2-5-11	8-13-18	13-18-22	17-21-25	19-24-28	21-26-31	23-28-33	24-30-35		
One Slot — 1" Slot Width	Horizontal Throw		8" Oval Inlet	2 ft.	CFM	20	40	60	80	100	120	140	160			
					Ps	.003	.011	.025	.045	.070	.101	.137	.179			
					Pt	.003	.012	.027	.049	.076	.109	.149	.194			
					NC	-	-	-	21	26	31	35	39			
					Throw	1-3-7	4-7-11	7-10-14	9-11-16	10-13-18	11-14-19	12-15-21	13-16-22			
						4 ft.	CFM	40	80	120	160	200	240	280	320	
								Ps	.003	.012	.028	.050	.078	.112	.152	.199
								Pt	.004	.016	.036	.065	.101	.146	.198	.259
								NC	-	-	17	23	28	33	37	41
								Throw	2-4-9	6-9-16	9-14-19	13-16-22	14-18-25	16-19-27	17-21-30	18-22-32
						5 ft.	CFM	50	100	150	200	250	300	350	400	
								Ps	.003	.014	.031	.055	.086	.123	.168	.219
								Pt	.005	.020	.044	.078	.122	.176	.239	.312
								NC	-	-	18	24	30	35	39	42
								Throw	2-5-11	8-13-18	13-18-22	17-21-25	19-24-28	21-26-31	23-28-33	24-30-35

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

One Slot — 1.5" Slot Width	Horizontal Throw	6" Round Inlet	2 ft.	CFM	30	60	90	120	150	180	210	240	
				Ps	.009	.035	.078	.139	.217	.313	.426	.557	
				Pt	.010	.041	.091	.162	.254	.366	.498	.650	
				NC	-	-	21	27	32	36	39	42	
				Throw	2-3-8	5-8-14	8-12-17	11-14-19	13-15-22	14-17-24	15-18-26	16-19-27	
			4 ft.	CFM	60	120	180	240	300	360	420	480	
					Ps	.010	.039	.087	.155	.242	.348	.474	.619
					Pt	.015	.062	.139	.248	.387	.558	.759	.991
					NC	-	16	23	29	34	38	41	44
					Throw	2-5-12	8-12-19	12-17-24	15-19-27	18-22-31	19-24-34	21-26-36	22-27-39
			5 ft.	CFM	75	150	225	300	375	450	525	600	
					Ps	.011	.043	.096	.170	.266	.383	.521	.680
					Pt	.020	.079	.178	.316	.493	.710	.967	1.263
					NC	-	17	25	30	35	39	43	46
					Throw	3-7-13	10-16-22	16-23-27	21-26-31	24-29-34	26-32-38	28-34-41	30-37-43
One Slot — 1.5" Slot Width	Horizontal Throw	8" Oval Inlet	2 ft.	CFM	30	60	90	120	150	180	210	240	
				Ps	.006	.022	.050	.088	.138	.198	.270	.353	
				Pt	.006	.024	.054	.097	.151	.217	.296	.386	
				NC	-	-	16	22	28	32	37	40	
				Throw	2-3-8	5-8-14	8-12-17	11-14-19	13-15-22	14-17-24	15-18-26	16-19-27	
			4 ft.	CFM	60	120	180	240	300	360	420	480	
				Ps	.006	.024	.055	.098	.153	.220	.300	.392	
				Pt	.008	.033	.074	.131	.205	.296	.403	.526	
				NC	-	-	18	24	30	34	39	42	
				Throw	2-5-12	8-12-19	12-17-24	15-19-27	18-22-31	19-24-34	21-26-36	22-27-39	
			5 ft.	CFM	75	150	225	300	375	450	525	600	
				Ps	.007	.027	.061	.108	.168	.242	.330	.431	
				Pt	.010	.040	.090	.160	.250	.360	.490	.640	
				NC	-	-	19	26	31	36	40	44	
				Throw	3-7-13	10-16-22	16-23-27	21-26-31	24-29-34	26-32-38	28-34-41	30-37-43	

LINEAR DIFFUSERS
AND GRILLES

FORMATIONS
LINEAR DIFFUSERS

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

One Slot — 2" Slot Width	Horizontal Throw	10" Oval Inlet	2 ft.	CFM	70	100	130	160	190	220	250	280
				Ps	.022	.044	.075	.113	.159	.213	.276	.346
Pt	.023	.047	.080	.121	.170	.228	.294	.369				
NC	-	-	20	25	30	33	37	40				
Throw	5-8-15	8-12-18	10-14-20	13-16-22	14-17-24	15-19-26	16-20-28	17-21-30				
One Slot — 2" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>140</td> <td>200</td> <td>260</td> <td>320</td> <td>380</td> <td>440</td> <td>500</td> <td>560</td> </td></td>	Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>140</td> <td>200</td> <td>260</td> <td>320</td> <td>380</td> <td>440</td> <td>500</td> <td>560</td> </td>	10" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>140</td> <td>200</td> <td>260</td> <td>320</td> <td>380</td> <td>440</td> <td>500</td> <td>560</td>	4 ft.	CFM	140	200	260	320	380	440	500	560
				Ps	.024	.049	.083	.125	.177	.237	.306	.384
Pt	.030	.061	.103	.156	.220	.295	.381	.477				
NC	-	17	22	27	3	35	39	42				
Throw	8-12-21	11-17-25	14-20-29	18-22-32	20-24-34	21-26-37	23-28-40	24-30-42				
One Slot — 2" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>175</td> <td>250</td> <td>325</td> <td>400</td> <td>475</td> <td>550</td> <td>625</td> <td>700</td> </td></td>	Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>175</td> <td>250</td> <td>325</td> <td>400</td> <td>475</td> <td>550</td> <td>625</td> <td>700</td> </td>	10" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>175</td> <td>250</td> <td>325</td> <td>400</td> <td>475</td> <td>550</td> <td>625</td> <td>700</td>	5 ft.	CFM	175	250	325	400	475	550	625	700
				Ps	.026	.054	.091	.138	.195	.261	.337	.423
Pt	.036	.072	.122	.186	.262	.351	.453	.568				
NC	-	18	24	29	33	37	40	43				
Throw	10-16-23	15-22-28	19-27-32	24-30-35	27-33-39	29-35-41	31-38-44	32-40-47				
One Slot — 2" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>70</td> <td>100</td> <td>130</td> <td>160</td> <td>190</td> <td>220</td> <td>250</td> <td>280</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>70</td> <td>100</td> <td>130</td> <td>160</td> <td>190</td> <td>220</td> <td>250</td> <td>280</td> </td>	12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>70</td> <td>100</td> <td>130</td> <td>160</td> <td>190</td> <td>220</td> <td>250</td> <td>280</td>	2 ft.	CFM	70	100	130	160	190	220	250	280
				Ps	.020	.041	.069	.104	.147	.197	.255	.320
Pt	.021	.043	.072	.109	.154	.206	.266	.334				
NC	-	-	20	25	30	33	37	40				
Throw	5-8-15	8-12-18	10-14-20	13-16-22	14-17-24	15-19-26	16-20-28	17-21-30				
One Slot — 2" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>140</td> <td>200</td> <td>260</td> <td>320</td> <td>380</td> <td>440</td> <td>500</td> <td>560</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>140</td> <td>200</td> <td>260</td> <td>320</td> <td>380</td> <td>440</td> <td>500</td> <td>560</td> </td>	12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>140</td> <td>200</td> <td>260</td> <td>320</td> <td>380</td> <td>440</td> <td>500</td> <td>560</td>	4 ft.	CFM	140	200	260	320	380	440	500	560
				Ps	.022	.045	.077	.116	.164	.219	.283	.355
Pt	.026	.052	.089	.134	.189	.254	.328	.412				
NC	-	17	22	27	32	35	39	42				
Throw	8-12-21	11-17-25	14-20-29	18-22-32	20-24-34	21-26-37	23-38-40	24-30-42				
One Slot — 2" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>175</td> <td>250</td> <td>325</td> <td>400</td> <td>475</td> <td>550</td> <td>625</td> <td>700</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>175</td> <td>250</td> <td>325</td> <td>400</td> <td>475</td> <td>550</td> <td>625</td> <td>700</td> </td>	12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>175</td> <td>250</td> <td>325</td> <td>400</td> <td>475</td> <td>550</td> <td>625</td> <td>700</td>	5 ft.	CFM	175	250	325	400	475	550	625	700
				Ps	.024	.050	.084	.128	.180	.241	.311	.391
Pt	.030	.061	.103	.156	.220	.296	.382	.479				
NC	-	18	24	29	33	37	40	43				
Throw	10-16-23	15-22-28	19-27-32	24-30-35	27-33-39	29-35-41	31-38-44	32-40-47				

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

One Slot — 2.5" Slot Width	Horizontal Throw	10" Oval Inlet	2 ft.	CFM	65	110	150	190	235	275	320	360
				Ps	.016	.042	.081	.133	.197	.274	.364	.467
Pt	.017	.046	.088	.143	.214	.297	.394	.505				
NC	-	-	19	24	29	34	37	41				
Throw	3-4-8	4-6-12	6-9-17	7-11-22	9-13-25	11-16-27	12-18-29	14-21-31				
One Slot — 2.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>130</td> <td>215</td> <td>300</td> <td>385</td> <td>470</td> <td>550</td> <td>635</td> <td>720</td> </td></td>	Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>130</td> <td>215</td> <td>300</td> <td>385</td> <td>470</td> <td>550</td> <td>635</td> <td>720</td> </td>	10" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>130</td> <td>215</td> <td>300</td> <td>385</td> <td>470</td> <td>550</td> <td>635</td> <td>720</td>	4 ft.	CFM	130	215	300	385	470	550	635	720
				Ps	.017	.047	.090	.147	.219	.305	.404	.518
Pt	.022	.060	.117	.191	.285	.395	.524	.672				
NC	-	-	21	26	31	36	39	43				
Throw	4-5-11	6-9-18	8-12-24	10-16-31	13-19-35	15-23-38	17-26-41	20-29-44				
One Slot — 2.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>165</td> <td>270</td> <td>375</td> <td>480</td> <td>585</td> <td>690</td> <td>795</td> <td>900</td> </td></td>	Horizontal Throw <td rowspan="2">10" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>165</td> <td>270</td> <td>375</td> <td>480</td> <td>585</td> <td>690</td> <td>795</td> <td>900</td> </td>	10" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>165</td> <td>270</td> <td>375</td> <td>480</td> <td>585</td> <td>690</td> <td>795</td> <td>900</td>	5 ft.	CFM	165	270	375	480	585	690	795	900
				Ps	.019	.051	.099	.162	.241	.335	.445	.570
Pt	.027	.073	.141	.231	.343	.477	.633	.811				
NC	-	15	22	28	33	37	41	44				
Throw	5-7-12	8-12-20	11-16-27	14-21-35	17-26-39	20-30-43	23-35-46	26-39-49				
One Slot — 2.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>65</td> <td>110</td> <td>150</td> <td>190</td> <td>235</td> <td>275</td> <td>320</td> <td>360</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>65</td> <td>110</td> <td>150</td> <td>190</td> <td>235</td> <td>275</td> <td>320</td> <td>360</td> </td>	12" Oval Inlet <td rowspan="2">2 ft.</td> <td>CFM</td> <td>65</td> <td>110</td> <td>150</td> <td>190</td> <td>235</td> <td>275</td> <td>320</td> <td>360</td>	2 ft.	CFM	65	110	150	190	235	275	320	360
				Ps	.015	.040	.076	.125	.186	.259	.344	.440
Pt	.016	.042	.080	.132	.196	.272	.362	.464				
NC	-	-	19	24	29	34	37	41				
Throw	3-4-8	4-6-12	6-9-17	7-11-22	9-13-25	11-16-27	12-18-29	14-21-31				
One Slot — 2.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>130</td> <td>215</td> <td>300</td> <td>385</td> <td>470</td> <td>550</td> <td>635</td> <td>720</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>130</td> <td>215</td> <td>300</td> <td>385</td> <td>470</td> <td>550</td> <td>635</td> <td>720</td> </td>	12" Oval Inlet <td rowspan="2">4 ft.</td> <td>CFM</td> <td>130</td> <td>215</td> <td>300</td> <td>385</td> <td>470</td> <td>550</td> <td>635</td> <td>720</td>	4 ft.	CFM	130	215	300	385	470	550	635	720
				Ps	.016	.044	.085	.139	.207	.288	.382	.489
Pt	.019	.052	.101	.166	.246	.342	.454	.582				
NC	-	-	21	26	31	36	39	43				
Throw	4-5-11	6-9-18	8-12-24	10-16-31	13-19-35	15-23-38	17-26-41	20-29-44				
One Slot — 2.5" Slot Width <td rowspan="2">Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>165</td> <td>270</td> <td>375</td> <td>480</td> <td>585</td> <td>690</td> <td>795</td> <td>900</td> </td></td>	Horizontal Throw <td rowspan="2">12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>165</td> <td>270</td> <td>375</td> <td>480</td> <td>585</td> <td>690</td> <td>795</td> <td>900</td> </td>	12" Oval Inlet <td rowspan="2">5 ft.</td> <td>CFM</td> <td>165</td> <td>270</td> <td>375</td> <td>480</td> <td>585</td> <td>690</td> <td>795</td> <td>900</td>	5 ft.	CFM	165	270	375	480	585	690	795	900
				Ps	.018	.048	.093	.153	.227	.316	.420	.538
Pt	.023	.062	.119	.194	.289	.402	.533	.684				
NC	-	15	22	28	33	37	41	44				
Throw	5-7-12	8-12-20	11-16-27	14-21-35	17-26-39	20-30-43	23-35-46	26-39-49				

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ONE SLOT COMBO BLADE HORIZONTAL THROW WITH GREENHECK PLENUM

One Slot — 3" Slot Width	Horizontal Throw	10" Oval Inlet	2 ft.	CFM	135	180	220	260	305	345	390	430
				Ps	.032	.055	.084	.119	.160	.207	.260	.320
Pt	.037	.064	.098	.139	.187	.242	.305	.374				
NC	-	18	23	28	31	35	38	40				
Throw	5-7-14	6-9-19	8-12-23	9-14-26	11-16-28	12-18-30	14-20-32	15-23-34				
One Slot — 3" Slot Width	Horizontal Throw	10" Oval Inlet	4 ft.	CFM	270	355	440	525	610	690	775	860
				Ps	.036	.061	.093	.132	.177	.230	.289	.355
One Slot — 3" Slot Width	Horizontal Throw	10" Oval Inlet	5 ft.	Pt	.057	.098	.150	.214	.288	.371	.467	.575
				NC	-	20	25	30	33	37	40	42
One Slot — 3" Slot Width	Horizontal Throw	10" Oval Inlet	Throw	7-10-20	9-13-26	11-16-33	13-19-37	15-23-40	1726-43	19-29-45	21-32-48	
				CFM	340	445	550	655	760	865	970	1075
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	2 ft.	Ps	.030	.052	.079	.112	.151	.195	.246	.302
				Pt	.033	.057	.088	.124	.167	.217	.273	.335
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	NC	-	18	23	28	31	35	38	40	40
				Throw	5-7-14	6-9-19	8-12-23	9-14-26	11-16-28	12-18-30	14-20-32	15-23-34
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	4 ft.	CFM	270	355	440	525	610	690	775	860
				Ps	.034	.057	.088	.124	.167	.217	.273	.335
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	Pt	.047	.080	.122	.174	.234	.302	.381	.468	
				NC	-	20	25	30	33	37	40	42
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	Throw	7-10-20	9-13-26	11-16-33	13-19-37	15-23-40	17-26-43	19-29-45	21-32-48	
				CFM	340	445	550	655	760	865	970	1075
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	5 ft.	Ps	.037	.063	.096	.137	.184	.239	.300	.369
				Pt	.058	.099	.151	.214	.288	.373	.469	.576
One Slot — 3" Slot Width	Horizontal Throw	12" Oval Inlet	NC	16	22	27	31	35	38	41	44	
				Throw	9-14-23	12-18-30	15-22-37	17-26-42	20-30-45	23-35-48	26-39-51	29-43-53