



Ruskin[®] Quick Product Selection Tables: Diffuser Solutions

The Quick Product Selection Reference Guide assists in selecting the appropriate *Ruskin[®]* Product for your application.

CDF Concentric Diffusers

CDS Concentric Diffusers







Double Deflection Supply Diffuser



Drum Louver Diffuser

DISCLAIMER







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Diffusers > CDF Concentric Diffusers

Model	CFM	Static Pressure	Throw in Feet	Neck Velocity	Jet Velocity	Noise Level	Unit Weight	Submittal
CDF-16	600	0.09	10-14	234	417	18	27.00	
	800	0.11	12-18	313	556	20	27.00	
	1000	0.14	15-20	391	691	20	27.00	
	1200	0.17	16-22	469	833	25	27.00	
	1400	0.20	17-24	547	972	30	27.00	
CDF-18	1000	0.14	15-20	391	694	20	27.00	
	1200	0.17	16-22	469	833	25	27.00	
	1400	0.20	17-24	547	972	30	27.00	
	1600	0.24	18-25	625	1111	30	27.00	
	1800	0.30	20-28	703	1250	35	27.00	
	2000	0.36	21-29	781	1389	40	27.00	
	2200	0.40	22-30	859	1528	40	27.00	
CDF-20	2600	0.17	19-24	663	1294	30	42.00	
	2800	0.20	20-28	714	1393	35	42.00	
	3000	0.25	21-29	765	1492	35	42.00	
	3200	0.31	22-29	816	1592	40	42.00	
	3400	0.37	22-30	867	1692	40	42.00	
CDF-22	3600	0.17	22-29	844	1646	34	104.00	
	4000	0.21	24-33	938	1829	40	104.00	
	4400	0.27	28-37	1032	2011	40	104.00	
CDF-50	4500	0.31	25-34	922	1795	40	151.00	
	5000	0.34	24-33	938	1829	40	151.00	
	5400	0.39	32-41	1083	2107	45	151.00	
	5600	0.36	28-37	1000	2082	45	158.00	
CDF-60	6000	0.42	40-50	1071	2230	45	158.00	
	6400	0.50	43-52	1143	2379	50	158.00	
	6600	0.54	45-56	1179	2454	50	158.00	
	7200	0.39	26-35	996	2093	45	197.00	
CDF-80	8000	0.50	42-51	1107	2326	50	197.00	
	8400	0.56	44-54	1162	2442	50	197.00	
	8800	0.63	48-59	1217	2558	50	197.00	







	9600	0.41	32-41	1036	2159	45	197.00	
CDF-100	10000	0.45	37-46	1079	2249	45	197.00	
	10400	0.50	42-51	1122	2339	50	197.00	
	10000	0.57	37-46	713	1506	35	244.00	
	11000	0.72	46-56	785	1657	35	244.00	
CDF - 300	12000	0.90	54-66	856	1808	40	244.00	
	13000	1.10	62-75	927	1958	40	244.00	

Diffusers > CDS Concentric Diffusers


Model	CFM	Static Pressure	Throw in Feet	Neck Velocity	Noise Level	Unit Weight	Submittal
CDS-16	600	0.09	8-15	210	20	38.00	
	800	0.11	9-16	281	20	38.00	
	1000	0.14	10-17	351	20	38.00	
	1200	0.17	11-18	421	20	38.00	
CDS-18	1200	0.17	11-18	421	20	38.00	
	1400	0.20	12-19	491	20	38.00	
	1600	0.24	12-20	561	20	38.00	
	1800	0.30	13-21	632	20	38.00	
	2000	0.36	14-23	702	20	38.00	
	2200	0.40	16-25	772	20	38.00	
CDS-20	2600	0.17	24-29	669	20	82.00	
	2800	0.20	25-30	720	25	82.00	
	3000	0.25	27-33	772	25	82.00	
	3200	0.31	28-35	823	25	82.00	
	3400	0.37	30-37	874	30	82.00	
CDS-22	3600	0.17	25-33	851	30	122.00	
	3800	0.18	27-35	898	30	122.00	
	4000	0.21	29-37	946	30	122.00	
	4200	0.24	32-40	993	30	122.00	
	4400	0.27	34-42	1040	30	122.00	
CDS-50	4600	0.31	26-31	841	30	145.00	
	4800	0.32	27-32	878	30	145.00	
	5000	0.34	28-33	915	30	145.00	
	5200	0.36	28-34	951	30	145.00	
	5400	0.39	29-35	988	30	145.00	
CDS-60	5600	0.36	39-49	920	30	217.00	
	5800	0.39	42-51	954	30	217.00	
	6000	0.42	44-54	1022	30	217.00	
	6200	0.46	45-55	1056	30	217.00	
	6400	0.50	46-55	1090	30	217.00	
	6600	0.54	47-56	1124	30	217.00	

CDS-80	7200	0.39	33-38	827	25	238.00	
	7600	0.43	36-41	873	25	238.00	
	8000	0.50	39-44	918	30	238.00	
	8400	0.56	43-49	964	30	238.00	
	8800	0.63	47-55	1010	30	238.00	
CDS-100	9200	0.74	49-57	1056	50	238.00	
	9400	0.80	50-58	1079	55	238.00	
	9600	0.83	52-62	1102	55	238.00	
	9800	0.86	55-63	1125	55	238.00	
	10000	1.00	57-65	1148	55	238.00	
	10200	1.07	60-68	1171	60	238.00	
	10400	1.16	63-71	1194	60	238.00	
CDS - 300	10000	0.51	46-54	907	30	285.00	
	10500	0.58	50-58	953	30	285.00	
	11000	0.65	53-61	998	30	285.00	
	11500	0.73	55-64	1043	30	285.00	
	12000	0.82	58-67	1089	30	285.00	
	12500	0.91	61-71	1134	30	285.00	
	13000	1.00	64-74	1179	35	285.00	

Diffusers > Specialty Diffusers > Double Deflection Supply Diffuser

Model	CFM	Neck Velocity	Static	Throw	Noise	Unit Weight	Submittal
SOD-24	600	270	0.04	12-17	20	25.00	
	800	364	0.06	16-22	20	25.00	
	1000	450	0.07	20-28	20	25.00	
	1200	536	0.09	24-33	20	25.00	
	1400	625	0.11	28-39	20	25.00	
	1600	714	0.14	33-44	25	25.00	
	1800	804	0.16	41-52	30	25.00	
	2000	893	0.19	46-55	30	25.00	
SOD-36	3600	810	0.19	49-54	25	51.00	
	3800	863	0.21	50-55	25	51.00	
	4000	909	0.23	51-56	30	51.00	
	4200	955	0.26	53-60	30	51.00	
	4400	1000	0.30	54-62	30	51.00	
SOD-40	5400	1116	0.18	45-53	30	80.00	
	5600	1157	0.19	47-55	30	80.00	
	5800	1198	0.22	50-57	30	80.00	
	6000	1240	0.25	53-59	30	80.00	
	6200	1281	0.27	54-61	35	80.00	
	6400	1322	0.30	56-63	35	80.00	
	6600	1364	0.33	58-65	35	80.00	
	7000	1405	0.37	59-67	35	80.00	
SOD-60	5600	920	0.18	39-49	30	105.00	
	5800	954	0.21	42-51	30	105.00	
	6000	1022	0.24	44-54	30	105.00	
	6200	1056	0.26	45-55	35	105.00	
	6400	1890	0.28	46-55	35	105.00	
	6600	1124	0.30	47-56	35	105.00	
SOD-80	7200	827	0.18	33-38	25	175.00	
	8000	918	0.20	39-44	25	175.00	
	8800	1010	0.22	47-55	30	175.00	
	9600	1101	0.27	54-62	30	175.00	
	10000	1148	0.30	57-65	35	175.00	
Sod-300 12000	11200	1140	0.30	44-65	40	212.00	
	12000	1300	0.34	52-70	40	212.00	

Diffusers > Specialty Diffusers > Drum Louver Diffuser

Model	CFM	30° Deflection			0° Deflection			Grille Size	Unit Weight	Submittal
		Noise	Static	Throw	Noise	Static	Throw			
DLD-2010	4000-5000	<45	0.42	34-37	<40	0.29	40-45	20x10	53.00	
DLD-2510	6000	<45	0.508	39	<40	0.33	48	25x10	62.00	
DLD-3012	8000	<45	0.44	47	<40	0.3	63	30x12	73.00	
DLD-3510	8000	<45	0.44	47	<40	0.3	63	35x10	91.00	
DLD-4010	10000	<45	0.528	46	<40	0.33	62	40x10	124.00	
DLD-5010	12000	<45	0.543	56	<40	0.35	72	50x10	151.00	