

Models 30R Bar 9.5 mm Spacing 0° Deflection.

Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s Velocity Pressure, Pa Neg. Static Pressure, Pa	1.0	1.5	2.0	2.5	3.0	4.1	5.1	6.1	7.1
				1	1	2	4	6	10	16	22	30
				1	3	6	9	13	22	35	50	68
150mm x 150mm	0.02	0.02	Air Flow, l/s	18	27	36	45	54	72	90	108	126
			NC	-	-	-	12	16	23	28	32	35
200mm x 150mm	0.03	0.02	Air Flow, l/s	25	37	49	61	74	98	123	147	172
			NC	-	-	-	13	17	24	29	33	36
250mm x 150mm	0.04	0.03	Air Flow, l/s	32	48	64	80	96	128	160	193	225
			NC	-	-	-	15	19	25	30	34	38
200mm x 200mm	0.04	0.03	Air Flow, l/s	35	52	70	87	105	140	175	210	244
			NC	-	-	-	15	19	25	30	35	38
300mm x 150mm	0.05	0.04	Air Flow, l/s	39	58	77	97	116	155	193	232	271
			NC	-	-	-	15	19	26	31	35	38
350mm x 150mm	0.05	0.04	Air Flow, l/s	45	68	91	113	136	181	227	272	317
			NC	-	-	11	16	20	27	32	36	39
400mm x 150mm 300mm x 200mm	0.06	0.05	Air Flow, l/s	54	81	108	135	161	215	269	323	377
			NC	-	-	12	17	21	27	32	36	40
250mm x 250mm	0.06	0.05	Air Flow, l/s	56	84	111	139	167	223	278	334	390
			NC	-	-	12	17	21	27	32	37	40
450mm x 150mm	0.07	0.06	Air Flow, l/s	59	89	119	149	178	238	297	357	416
			NC	-	-	12	17	21	28	33	37	40
500mm x 150mm 300mm x 250mm	0.08	0.07	Air Flow, l/s	68	102	136	170	204	272	340	408	476
			NC	-	-	13	18	22	28	33	37	41
550mm x 150mm	0.09	0.07	Air Flow, l/s	73	109	145	182	218	291	363	436	509
			NC	-	-	13	18	22	29	34	38	41
600mm x 150mm 300mm x 300mm	0.09	0.08	Air Flow, l/s	83	125	166	208	249	332	415	498	581
			NC	-	-	14	19	23	29	34	38	42
750mm x 150mm 450mm x 250mm	0.12	0.10	Air Flow, l/s	105	157	210	262	314	419	524	629	733
			NC	-	-	15	20	24	30	35	39	43
350mm x 350mm	0.13	0.11	Air Flow, l/s	115	173	230	288	345	461	576	691	806
			NC	-	-	15	20	24	31	36	40	43
900mm x 150mm 450mm x 300mm	0.14	0.13	Air Flow, l/s	127	191	255	319	382	510	637	765	892
			NC	-	-	15	21	25	31	36	40	44
550mm x 250mm	0.14	0.13	Air Flow, l/s	129	194	259	323	388	517	647	776	905
			NC	-	-	16	21	25	31	36	40	44
750mm x 200mm 600mm x 250mm	0.16	0.14	Air Flow, l/s	141	211	281	352	422	563	703	844	984
			NC	-	-	16	21	25	31	36	41	44
1050mm x 150mm 450mm x 350mm	0.16	0.15	Air Flow, l/s	150	225	300	375	450	600	750	900	1051
			NC	-	-	16	21	25	32	37	41	44
400mm x 400mm	0.17	0.15	Air Flow, l/s	153	229	306	382	459	612	765	917	1070
			NC	-	-	16	21	25	32	37	41	44
600mm x 300mm 450mm x 400mm	0.19	0.17	Air Flow, l/s	172	258	344	429	515	687	859	1031	1203
			NC	-	-	17	22	26	32	37	41	45
450mm x 450mm	0.21	0.19	Air Flow, l/s	195	293	391	488	586	782	977	1172	1368
			NC	-	11	17	22	26	33	38	42	45
600mm x 350mm	0.22	0.20	Air Flow, l/s	202	303	404	505	606	808	1010	1212	1414
			NC	-	11	18	23	27	33	38	42	46
750mm x 300mm	0.23	0.21	Air Flow, l/s	216	324	432	540	648	865	1081	1297	1513
			NC	-	11	18	23	27	33	38	42	46
600mm x 400mm	0.25	0.23	Air Flow, l/s	232	348	464	580	697	929	1161	1393	1625
			NC	-	12	18	23	27	34	39	43	46

Note: All dimensions are nominal • product will be built to the closest inch equivalent dimension unless specially ordered to true metric • contact factory for availability of sizes •



605 Shiloh Road • Plano, Texas 75074 • 972-212-4800

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1200mm x 300mm			Air Flow, l/s	354	531	708	885	1062	1416	1770	2124	2478
600mm x 600mm	0.37	0.35	NC	-	13	20	25	29	35	40	45	48
900mm x 450mm	0.42	0.39	Air Flow, l/s	398	597	797	996	1195	1593	1992	2390	2788
900mm x 500mm			NC	-	14	20	25	30	36	41	45	49
750mm x 600mm	0.46	0.44	Air Flow, l/s	445	667	889	1111	1334	1778	2223	2667	3112
750mm x 600mm			NC	-	14	21	26	30	36	41	46	49
1050mm x 450mm	0.49	0.46	Air Flow, l/s	466	699	933	1166	1399	1865	2331	2798	3264
1050mm x 450mm			NC	-	15	21	26	30	37	42	46	49
700mm x 700mm	0.51	0.48	Air Flow, l/s	487	731	974	1218	1461	1948	2435	2922	3409
700mm x 700mm			NC	-	15	21	26	30	37	42	46	49
1050mm x 500mm	0.54	0.51	Air Flow, l/s	520	780	1040	1300	1560	2080	2600	3121	3641
750mm x 700mm			NC	-	15	22	27	31	37	42	46	50
1200mm x 450mm	0.56	0.53	Air Flow, l/s	534	801	1068	1336	1603	2137	2671	3205	3740
900mm x 600mm			NC	-	15	22	27	31	37	42	46	50
750mm x 750mm	0.58	0.55	Air Flow, l/s	561	841	1121	1402	1682	2243	2803	3364	3925
750mm x 750mm			NC	-	15	22	27	31	37	42	47	50
1050mm x 600mm	0.65	0.62	Air Flow, l/s	629	943	1257	1572	1886	2515	3143	3772	4400
900mm x 700mm			NC	-	16	22	27	32	38	43	47	51
1150mm x 550mm	0.65	0.62	Air Flow, l/s	631	946	1261	1576	1892	2522	3153	3783	4414
800mm x 800mm			NC	-	16	22	27	32	38	43	47	51
800mm x 800mm	0.66	0.63	Air Flow, l/s	640	960	1280	1600	1920	2560	3200	3840	4480
800mm x 800mm			NC	-	16	23	28	32	38	43	47	51
900mm x 750mm	0.70	0.67	Air Flow, l/s	676	1014	1352	1690	2027	2703	3379	4055	4731
900mm x 750mm			NC	-	16	23	28	32	38	43	47	51
1200mm x 600mm	0.74	0.71	Air Flow, l/s	720	1080	1440	1800	2161	2881	3601	4321	5041
900mm x 800mm			NC	-	17	23	28	32	39	44	48	51
850mm x 850mm	0.75	0.71	Air Flow, l/s	725	1087	1450	1812	2175	2900	3625	4349	5074
850mm x 850mm			NC	-	17	23	28	32	39	44	48	51
900mm x 850mm	0.79	0.76	Air Flow, l/s	768	1153	1537	1921	2305	3073	3842	4610	5378
900mm x 850mm			NC	-	17	23	28	32	39	44	48	51
1050mm x 750mm	0.81	0.78	Air Flow, l/s	791	1186	1582	1977	2373	3164	3955	4746	5537
1050mm x 750mm			NC	-	17	23	28	33	39	44	48	52
900mm x 900mm	0.84	0.80	Air Flow, l/s	815	1222	1629	2036	2444	3258	4073	4888	5702
900mm x 900mm			NC	-	17	24	29	33	39	44	48	52
1050mm x 850mm	0.93	0.89	Air Flow, l/s	906	1359	1812	2265	2718	3625	4531	5437	6343
1200mm x 750mm			NC	-	18	24	29	33	40	45	49	52
950mm x 950mm	0.93	0.90	Air Flow, l/s	910	1365	1820	2275	2730	3640	4550	5460	6369
950mm x 950mm			NC	-	18	24	29	33	40	45	49	52
1050mm x 900mm	0.98	0.94	Air Flow, l/s	953	1430	1907	2383	2860	3813	4767	5720	6673
1050mm x 900mm			NC	-	18	24	29	33	40	45	49	52
1150mm x 850mm	1.01	0.97	Air Flow, l/s	986	1480	1973	2466	2959	3946	4932	5918	6905
1150mm x 850mm			NC	-	18	24	29	33	40	45	49	52
1050mm x 950mm	1.03	0.99	Air Flow, l/s	1007	1511	2014	2518	3021	4029	5036	6043	7050
1050mm x 950mm			NC	-	18	24	29	34	40	45	49	53
1000mm x 1000mm	1.03	0.99	Air Flow, l/s	1010	1515	2020	2525	3030	4040	5050	6060	7070
1000mm x 1000mm			NC	-	18	24	29	34	40	45	49	53
1200mm x 900mm	1.11	1.07	Air Flow, l/s	1092	1638	2184	2730	3276	4368	5460	6553	7645
1200mm x 900mm			NC	-	18	25	30	34	40	45	49	53

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