

Models 23R Return 19 mm Spacing 45° Deflection

Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s Velocity Pressure, Pa Total Pressure, Pa	0.8	1.0	1.3	1.5	2.0	2.5	3.0	3.6	4.1
				0.3	0.6	1.0	1.4	2.5	4	6	8	10
				3	5	8	12	21	33	48	65	85
150mm x 150mm	0.02	0.02	Air Flow, l/s	13	18	22	27	36	45	54	63	72
			NC	-	-	-	12	19	25	29	33	36
200mm x 150mm	0.03	0.02	Air Flow, l/s	18	25	31	37	49	61	74	86	98
			NC	-	-	-	13	20	26	31	34	38
250mm x 150mm	0.04	0.03	Air Flow, l/s	24	32	40	48	64	80	96	112	128
			NC	-	-	-	14	21	27	32	36	39
200mm x 200mm	0.04	0.03	Air Flow, l/s	26	35	44	52	70	87	105	122	140
			NC	-	-	-	14	22	27	32	36	39
300mm x 150mm	0.05	0.04	Air Flow, l/s	29	39	48	58	77	97	116	135	155
			NC	-	-	-	15	22	28	32	36	40
350mm x 150mm	0.05	0.04	Air Flow, l/s	34	45	57	68	91	113	136	159	181
			NC	-	-	11	16	23	29	33	37	40
400mm x 150mm			Air Flow, l/s	40	54	67	81	108	135	161	188	215
			NC	-	-	12	16	24	29	34	38	41
250mm x 250mm	0.06	0.05	Air Flow, l/s	42	56	70	84	111	139	167	195	223
			NC	-	-	12	16	24	29	34	38	41
450mm x 150mm	0.07	0.06	Air Flow, l/s	45	59	74	89	119	149	178	208	238
			NC	-	-	12	17	24	30	34	38	42
500mm x 150mm			Air Flow, l/s	51	68	85	102	136	170	204	238	272
			NC	-	-	13	17	25	30	35	39	42
550mm x 150mm	0.09	0.07	Air Flow, l/s	55	73	91	109	145	182	218	254	291
			NC	-	-	13	18	25	31	35	39	43
600mm x 150mm			Air Flow, l/s	62	83	104	125	166	208	249	291	332
			NC	-	-	14	18	25	31	36	40	43
300mm x 300mm	0.09	0.08	Air Flow, l/s	62	83	104	125	166	208	249	291	332
			NC	-	-	14	18	25	31	36	40	43
750mm x 150mm			Air Flow, l/s	79	105	131	157	210	262	314	367	419
			NC	-	-	15	19	26	32	37	41	44
450mm x 250mm	0.12	0.10	Air Flow, l/s	86	115	144	173	230	288	345	403	461
			NC	-	-	15	20	27	33	37	41	45
350mm x 350mm	0.13	0.11	Air Flow, l/s	96	127	159	191	255	319	382	446	510
			NC	-	-	15	20	27	33	38	42	45
900mm x 150mm			Air Flow, l/s	97	129	162	194	259	323	388	453	517
			NC	-	-	15	20	27	33	38	42	45
550mm x 250mm	0.14	0.13	Air Flow, l/s	105	141	176	211	281	352	422	492	563
			NC	-	-	16	20	28	33	38	42	45
750mm x 200mm			Air Flow, l/s	105	141	176	211	281	352	422	492	563
			NC	-	-	16	20	28	33	38	42	45
600mm x 250mm	0.16	0.14	Air Flow, l/s	113	150	188	225	300	375	450	525	600
			NC	-	-	16	21	28	34	38	42	46
1050mm x 150mm			Air Flow, l/s	113	150	188	225	300	375	450	525	600
			NC	-	-	16	21	28	34	38	42	46
450mm x 350mm	0.16	0.15	Air Flow, l/s	115	153	191	229	306	382	459	535	612
			NC	-	11	16	21	28	34	38	42	46
400mm x 400mm	0.17	0.15	Air Flow, l/s	115	153	191	229	306	382	459	535	612
			NC	-	11	16	21	28	34	38	42	46
600mm x 300mm	0.19	0.17	Air Flow, l/s	129	172	215	258	344	429	515	601	687
			NC	-	11	17	21	29	34	39	43	46
450mm x 400mm			Air Flow, l/s	129	172	215	258	344	429	515	601	687
			NC	-	11	17	21	29	34	39	43	46
450mm x 450mm	0.21	0.19	Air Flow, l/s	147	195	244	293	391	488	586	684	782
			NC	-	12	17	22	29	35	40	43	47
600mm x 350mm	0.22	0.20	Air Flow, l/s	151	202	252	303	404	505	606	707	808
			NC	-	12	17	22	29	35	40	44	47
750mm x 300mm	0.23	0.21	Air Flow, l/s	162	216	270	324	432	540	648	757	865
			NC	-	12	18	22	30	35	40	44	47
600mm x 400mm	0.25	0.23	Air Flow, l/s	174	232	290	348	464	580	697	813	929
			NC	-	12	18	23	30	36	40	44	48
500mm x 500mm	0.26	0.24	Air Flow, l/s	182	243	303	364	485	606	728	849	970
			NC	-	13	18	23	30	36	40	44	48
900mm x 300mm	0.28	0.26	Air Flow, l/s	195	260	324	389	519	649	779	909	1038
			NC	-	13	18	23	30	36	41	45	48
750mm x 400mm			Air Flow, l/s	220	294	367	440	587	734	881	1027	1174
			NC	-	13	19	24	31	37	41	45	49
600mm x 500mm	0.31	0.29	Air Flow, l/s	222	296	370	445	593	741	889	1037	1186
			NC	-	13	19	24	31	37	41	45	49
550mm x 550mm	0.31	0.29	Air Flow, l/s	222	296	370	445	593	741	889	1037	1186
			NC	-	13	19	24	31	37	41	45	49
1050mm x 300mm			Air Flow, l/s	228	304	380	456	608	760	912	1064	1216
			NC	-	13	19	24	31	37	41	45	49
900mm x 350mm			Air Flow, l/s	243	324	405	486	648	809	971	1133	1295
			NC	-	14	19	24	31	37	42	46	49
600mm x 550mm	0.34	0.32	Air Flow, l/s	243	324	405	486	648	809	971	1133	1295
			NC	-	14	19	24	31	37	42	46	49
750mm x 450mm	0.35	0.33	Air Flow, l/s	248	330	413	496	661	826	991	1156	1321
			NC	-	14	20	24	31	37	42	46	49

* Performance based on normal sizes shown in bold
 * Static pressure are negative, in Pascal, measured per ASHRAE 70-91
 * NC based on absorption of 10dB, re 10-10 watts, measured per ASHRAE 70-91

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 •



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L26M-S

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Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s Velocity Pressure, Pa Total Pressure, Pa	0.8 0 3	1.0 1 5	1.3 1 8	1.5 1 12	2.0 2 21	2.5 4 33	3.0 6 48	3.6 8 65	4.1 10 85
1200mm x 300mm 600mm x 600mm	0.37	0.35	Air Flow, l/s NC	265 -	354 14	442 20	531 24	708 32	885 37	1062 42	1239 46	1416 49
900mm x 450mm 900mm x 500mm	0.42	0.39	Air Flow, l/s NC	299 -	398 15	498 20	597 25	797 32	996 38	1195 43	1394 47	1593 50
750mm x 600mm 1050mm x 450mm	0.46	0.44	Air Flow, l/s NC	333 -	445 15	556 21	667 25	889 33	1111 38	1334 43	1556 47	1778 50
700mm x 700mm 1050mm x 500mm	0.49	0.46	Air Flow, l/s NC	350 -	466 15	583 21	699 26	933 33	1166 39	1399 43	1632 47	1865 51
750mm x 700mm 1200mm x 450mm	0.51	0.48	Air Flow, l/s NC	365 -	487 16	609 21	731 26	974 33	1218 39	1461 43	1705 47	1948 51
900mm x 700mm 1050mm x 700mm	0.54	0.51	Air Flow, l/s NC	390 -	520 16	650 21	780 26	1040 33	1300 39	1560 44	1820 48	2080 51
900mm x 600mm 1200mm x 450mm	0.56	0.53	Air Flow, l/s NC	401 -	534 16	668 22	801 26	1068 34	1336 40	1603 44	1870 48	2137 51
750mm x 750mm 1050mm x 600mm	0.58	0.55	Air Flow, l/s NC	421 -	561 16	701 22	841 26	1121 34	1402 39	1682 44	1962 48	2243 51
900mm x 700mm 1050mm x 600mm	0.65	0.62	Air Flow, l/s NC	471 -	629 17	786 22	943 27	1257 34	1572 40	1886 45	2200 49	2515 52
1150mm x 550mm 800mm x 800mm	0.65	0.62	Air Flow, l/s NC	473 -	631 17	788 22	946 27	1261 34	1576 40	1892 45	2207 49	2522 52
900mm x 750mm 900mm x 800mm	0.66	0.63	Air Flow, l/s NC	480 -	640 17	800 22	960 27	1280 34	1600 40	1920 45	2240 49	2560 52
900mm x 750mm 1200mm x 600mm	0.70	0.67	Air Flow, l/s NC	507 -	676 17	845 23	1014 27	1352 35	1690 40	2027 45	2365 49	2703 52
900mm x 800mm 1200mm x 600mm	0.74	0.71	Air Flow, l/s NC	540 -	720 17	900 23	1080 28	1440 35	1800 41	2161 45	2521 49	2881 52
850mm x 850mm 900mm x 850mm	0.75	0.71	Air Flow, l/s NC	544 -	725 17	906 23	1087 28	1450 35	1812 41	2175 45	2537 49	2900 53
900mm x 850mm 1050mm x 750mm	0.79	0.76	Air Flow, l/s NC	576 -	768 18	960 23	1153 28	1537 35	1921 41	2305 45	2689 49	3073 53
1050mm x 750mm 900mm x 900mm	0.81	0.78	Air Flow, l/s NC	593 -	791 18	989 23	1186 28	1582 35	1977 41	2373 46	2768 50	3164 53
900mm x 900mm 1050mm x 850mm	0.84	0.80	Air Flow, l/s NC	611 -	815 18	1018 23	1222 28	1629 35	2036 41	2444 46	2851 50	3258 53
1050mm x 850mm 1200mm x 750mm	0.93	0.89	Air Flow, l/s NC	680 11	906 18	1133 24	1359 29	1812 36	2265 42	2718 46	3172 50	3625 53
950mm x 950mm 1050mm x 900mm	0.93	0.90	Air Flow, l/s NC	682 11	910 18	1137 24	1365 29	1820 36	2275 42	2730 46	3185 50	3640 54
1050mm x 900mm 1150mm x 850mm	0.98	0.94	Air Flow, l/s NC	715 11	953 18	1192 24	1430 29	1907 36	2383 42	2860 46	3337 50	3813 54
1150mm x 850mm 1050mm x 950mm	1.01	0.97	Air Flow, l/s NC	740 11	986 19	1233 24	1480 29	1973 36	2466 42	2959 47	3452 50	3946 54
1050mm x 950mm 1000mm x 1000mm	1.03	0.99	Air Flow, l/s NC	755 11	1007 19	1259 24	1511 29	2014 36	2518 42	3021 47	3525 51	4029 54
1000mm x 1000mm 1200mm x 900mm	1.03	0.99	Air Flow, l/s NC	757 11	1010 19	1262 24	1515 29	2020 36	2525 42	3030 47	3535 51	4040 54
1200mm x 900mm 1050mm x 1050mm	1.11	1.07	Air Flow, l/s NC	819 12	1092 19	1365 25	1638 29	2184 37	2730 42	3276 47	3822 51	4368 54
1050mm x 1050mm 1100mm x 1100mm	1.14	1.10	Air Flow, l/s NC	837 12	1116 19	1395 25	1674 29	2231 37	2789 42	3347 47	3905 51	4463 54
1100mm x 1100mm 1200mm x 1050mm	1.25	1.21	Air Flow, l/s NC	920 12	1226 20	1533 25	1839 30	2452 37	3065 43	3678 47	4291 51	4905 55
1200mm x 1050mm 1150mm x 1150mm	1.30	1.26	Air Flow, l/s NC	959 12	1278 20	1598 25	1917 30	2556 37	3195 43	3834 48	4473 52	5112 55
1150mm x 1150mm 1200mm x 1150mm	1.36	1.32	Air Flow, l/s NC	1007 13	1342 20	1678 26	2013 30	2684 38	3356 43	4027 48	4698 52	5369 55
1200mm x 1150mm 1200mm x 1200mm	1.42	1.38	Air Flow, l/s NC	1051 13	1402 20	1752 26	2103 30	2803 38	3504 43	4205 48	4906 52	5607 55
1200mm x 1200mm 1200mm x 1200mm	1.49	1.44	Air Flow, l/s NC	1097 13	1463 20	1829 26	2195 31	2926 38	3658 44	4389 48	5121 52	5852 56

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