



AeroBlade Supply Grilles & Registers

			NC 20					NC 30						
Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s		1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1	
			Velocity Pressure, Pa		1	2	4	6	8	10	16	22	30	
			Total		0°	2	4	7	9	13	17	26	38	52
			Pressure		22.5°	3	5	7	11	14	19	29	42	58
			Pa		45°	4	7	11	16	22	29	45	65	88
50mm x 150mm	0.02	0.02	Air Flow, l/s		27	36	45	54	63	72	90	108	126	
			NC		-	-	-	11	15	19	26	31	36	
			Throw, m		0°	1.5 - 2.3 - 4.3	2.3 - 3 - 5	2.5 - 3.8 - 5.5	3 - 4.3 - 6	3.8 - 4.5 - 6.5	4 - 5 - 7	4.5 - 5.5 - 7.5	5 - 6 - 8.5	5.3 - 6.5 - 9.3
			22.5°	1.3 - 1.8 - 3.3	1.5 - 2.5 - 3.8	1.8 - 3 - 4.3	2.5 - 3.3 - 4.5	2.8 - 3.8 - 5	3 - 3.8 - 5.5	3.3 - 4.3 - 6	3.8 - 4.5 - 6.8	4 - 5 - 7		
45°	0.5 - 1 - 1.8	1 - 1.3 - 2.3	1.3 - 1.8 - 2.5	1.3 - 1.8 - 2.8	1.5 - 2.3 - 3	1.8 - 2.3 - 3	2.3 - 2.5 - 3.3	2.3 - 2.8 - 3.8	2.5 - 3 - 4					
200mm x 150mm	0.03	0.02	Air Flow, l/s		37	49	61	74	86	98	123	147	172	
			NC		-	-	-	12	16	20	27	33	37	
			Throw, m		0°	1.5 - 2.8 - 5	2.5 - 3.8 - 5.8	3 - 4.3 - 6.5	3.8 - 5 - 7	4 - 5.5 - 7.5	4.5 - 5.8 - 8.3	5.3 - 6.5 - 9.3	5.8 - 7 - 9.8	6 - 7.5 - 10.8
			22.5°	1.3 - 2.3 - 4	1.8 - 2.8 - 4.5	2.3 - 3.3 - 5	2.8 - 4 - 5.5	3 - 4.3 - 5.8	3.8 - 4.5 - 6.5	4 - 5 - 7	4.5 - 5.5 - 7.5	5 - 5.8 - 8.3		
45°	0.5 - 1.3 - 2.3	1 - 1.5 - 2.5	1.3 - 1.8 - 2.8	1.5 - 2.3 - 3	1.8 - 2.5 - 3.3	2.3 - 2.8 - 3.8	2.5 - 2.8 - 4	2.5 - 3 - 4.5	2.8 - 3.3 - 5					
250mm x 150mm	0.04	0.03	Air Flow, l/s		48	64	80	96	112	128	160	193	225	
			NC		-	-	-	13	18	22	28	34	38	
			Throw, m		0°	1.8 - 3 - 5.8	2.8 - 4 - 6.5	3.3 - 5.3 - 7.3	4 - 5.8 - 8	4.5 - 6 - 8.5	5.5 - 6.5 - 9.3	6 - 7.3 - 10.3	6.5 - 8 - 11.3	7 - 8.5 - 12.3
			22.5°	1.5 - 2.5 - 4.3	2.3 - 3 - 5.3	2.8 - 4 - 5.8	3 - 4.3 - 6	3.8 - 5 - 6.8	4.3 - 5.3 - 7	4.5 - 5.8 - 8	5.3 - 6 - 8.8	5.5 - 6.8 - 9.5		
45°	1 - 1.3 - 2.5	1.3 - 1.8 - 3	1.5 - 2.3 - 3.3	1.8 - 2.5 - 3.8	2.3 - 2.8 - 4	2.5 - 3 - 4.3	2.8 - 3.3 - 4.5	3 - 3.8 - 5.3	3 - 4 - 5.5					
200mm x 200mm	0.04	0.03	Air Flow, l/s		52	70	87	105	122	140	175	210	244	
			NC		-	-	-	13	18	22	29	34	39	
			Throw, m		0°	1.8 - 3 - 5.8	2.8 - 4.3 - 6.8	3.3 - 5.3 - 7.5	4.3 - 5.8 - 8.3	5 - 6.5 - 9.3	5.5 - 6.8 - 9.8	6 - 7.5 - 10.8	6.8 - 8.3 - 12	7.3 - 9.3 - 12.8
			22.5°	1.5 - 2.5 - 4.5	2.3 - 3.3 - 5.3	2.8 - 4 - 5.8	3.3 - 4.5 - 6.5	3.8 - 5 - 7	4.3 - 5.3 - 7.5	5 - 5.8 - 8.3	5.3 - 6.5 - 9.3	5.8 - 7 - 9.8		
45°	1 - 1.5 - 2.8	1.3 - 1.8 - 3	1.5 - 2.5 - 3.3	1.8 - 2.8 - 3.8	2.3 - 2.8 - 4	2.5 - 3 - 4.3	2.8 - 3.3 - 5	3 - 3.8 - 5.3	3.3 - 4 - 5.8					
300mm x 150mm	0.05	0.04	Air Flow, l/s		58	77	97	116	135	155	193	232	271	
			NC		-	-	-	14	18	22	29	34	39	
			Throw, m		0°	2.3 - 3.3 - 6	3 - 4.5 - 7.3	3.8 - 5.5 - 8	4.5 - 6 - 8.8	5.3 - 6.8 - 9.5	5.8 - 7.3 - 10	6.5 - 8 - 11.3	7.3 - 8.8 - 12.5	7.5 - 9.5 - 13.5
			22.5°	1.5 - 2.5 - 5	2.3 - 3.3 - 5.5	2.8 - 4.3 - 6	3.3 - 5 - 6.8	4 - 5.3 - 7.3	4.5 - 5.5 - 8	5.3 - 6 - 8.8	5.5 - 6.8 - 9.8	6 - 7.3 - 10.3		
45°	1 - 1.5 - 2.8	1.3 - 2.3 - 3.3	1.5 - 2.5 - 3.8	2.3 - 2.8 - 4	2.5 - 3 - 4.3	2.8 - 3.3 - 4.5	3 - 3.8 - 5.3	3.3 - 4 - 5.5	3.3 - 4.3 - 6					
350mm x 150mm	0.05	0.04	Air Flow, l/s		68	91	113	136	159	181	227	272	317	
			NC		-	-	-	14	19	23	30	35	40	
			Throw, m		0°	2.3 - 3.8 - 6.8	3 - 5 - 7.5	4 - 6 - 8.5	5 - 6.8 - 9.5	5.5 - 7.3 - 10.3	6.5 - 7.5 - 11	7 - 8.5 - 12.3	7.5 - 9.5 - 13.5	8.5 - 10.3 - 14.8
			22.5°	1.8 - 2.8 - 5.3	2.5 - 3.8 - 6	3 - 4.5 - 6.8	3.8 - 5.3 - 7.3	4.3 - 5.5 - 8	5 - 6 - 8.5	5.5 - 6.8 - 9.5	6 - 7.3 - 10.3	6.5 - 8 - 11.3		
45°	1 - 1.5 - 3	1.5 - 2.3 - 3.3	1.8 - 2.8 - 4	2.3 - 3 - 4.3	2.5 - 3.3 - 4.5	2.8 - 3.3 - 5	3 - 4 - 5.5	3.3 - 4.3 - 6	3.8 - 4.5 - 6.5					
400mm x 150mm	0.06	0.05	Air Flow, l/s		81	108	135	161	188	215	269	323	377	
			NC		-	-	-	15	20	24	30	36	40	
			Throw, m		0°	2.5 - 4 - 7.3	3.3 - 5.3 - 8.5	4.3 - 6.5 - 9.5	5.3 - 7.3 - 10.3	6 - 8 - 11.3	7 - 8.5 - 12	7.5 - 9.5 - 13.5	8.5 - 10.3 - 14.8	9.3 - 11.3 - 15.8
			22.5°	1.8 - 3 - 5.8	2.8 - 4 - 6.8	3.3 - 5.3 - 7.3	4 - 5.8 - 8	4.5 - 6 - 8.5	5.5 - 6.8 - 9.3	6 - 7.3 - 10.3	6.8 - 8 - 11.3	7 - 8.5 - 12.3		
45°	1.3 - 1.8 - 3.3	1.5 - 2.5 - 3.8	1.8 - 3 - 4.3	2.5 - 3.3 - 4.5	2.8 - 3.8 - 5.3	3 - 3.8 - 5.5	3.3 - 4.3 - 6	3.8 - 4.5 - 6.8	4 - 5.3 - 7					
250mm x 250mm	0.06	0.05	Air Flow, l/s		84	111	139	167	195	223	278	334	390	
			NC		-	-	-	15	20	24	31	36	41	
			Throw, m		0°	2.5 - 4 - 7.3	3.8 - 5.3 - 8.5	4.3 - 6.8 - 9.8	5.3 - 7.3 - 10.8	6 - 8 - 11.3	7 - 8.5 - 12.3	8 - 9.8 - 13.8	8.5 - 10.8 - 15	9.5 - 11.3 - 16.3
			22.5°	1.8 - 3 - 5.8	2.8 - 4 - 6.8	3.3 - 5.3 - 7.3	4 - 5.8 - 8.3	5 - 6 - 8.8	5.5 - 6.8 - 9.5	6 - 7.3 - 10.8	6.8 - 8.3 - 11.5	7.3 - 8.8 - 12.5		
45°	1.3 - 1.8 - 3.3	1.5 - 2.5 - 4	2.3 - 3 - 4.3	2.5 - 3.3 - 5	2.8 - 3.8 - 5.3	3 - 4 - 5.5	3.8 - 4.3 - 6	4 - 5 - 6.8	4.3 - 5.3 - 7.3					
450mm x 150mm	0.07	0.06	Air Flow, l/s		89	119	149	178	208	238	297	357	416	
			NC		-	-	-	16	20	24	31	36	41	
			Throw, m		0°	2.5 - 4 - 7.5	3.8 - 5.5 - 8.8	4.5 - 6.8 - 10	5.5 - 7.5 - 11	6.5 - 8.3 - 12	7.3 - 8.8 - 12.5	8.3 - 10 - 14	8.8 - 11 - 15.5	9.8 - 12 - 16.8
			22.5°	1.8 - 3 - 6	2.8 - 4.3 - 7	3.8 - 5.3 - 7.5	4.3 - 6 - 8.5	5 - 6.5 - 9.3	5.5 - 7 - 9.8	6.5 - 7.5 - 11	7 - 8.5 - 12	7.3 - 9.3 - 12.8		
45°	1.3 - 1.8 - 3.3	1.5 - 2.5 - 4	2.3 - 3 - 4.5	2.5 - 3.3 - 5	2.8 - 3.8 - 5.3	3.3 - 4 - 5.8	3.8 - 4.5 - 6.5	4 - 5 - 7	4.3 - 5.3 - 7.5					

NC 20 NC 30 NC 40

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.

AeroBlade Supply Grilles & Registers

		NC 20				NC 30				NC 40				
Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s		1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1	
			Velocity Pressure, Pa		1	2	4	6	8	10	16	22	30	
		Total		0°	2	4	7	9	13	17	26	38	52	
		Pressure		22.5°	3	5	7	11	14	19	29	42	58	
		Pa		45°	4	7	11	16	22	29	45	65	88	
500mm x 150mm 300mm x 250mm	0.08	0.07	Air Flow, l/s		102	136	170	204	238	272	340	408	476	
			NC		-	-	11	16	21	25	31	37	41	
			Throw, m		0°	2.8 - 4.3 - 8.3	4 - 5.8 - 9.5	5 - 7.3 - 10.8	5.8 - 8.3 - 11.5	6.8 - 8.8 - 12.5	7.5 - 9.5 - 13.5	8.5 - 10.8 - 15	9.5 - 11.5 - 16.5	10.3 - 12.5 - 17.8
			22.5°		2.3 - 3.3 - 6.5	3 - 4.5 - 7.3	3.8 - 5.8 - 8.3	4.5 - 6.5 - 9.3	5.3 - 7 - 9.8	6 - 7.3 - 10.3	6.8 - 8.3 - 11.5	7.3 - 9.3 - 12.8	8 - 9.8 - 13.8	
		45°		1.3 - 1.8 - 3.8	1.8 - 2.8 - 4.3	2.3 - 3.3 - 5	2.8 - 3.8 - 5.3	3 - 4 - 5.8	3.3 - 4.3 - 6	4 - 5 - 6.8	4.3 - 5.3 - 7.3	4.5 - 5.8 - 8		
550mm x 150mm	0.09	0.07	Air Flow, l/s		109	145	182	218	254	291	363	436	509	
			NC		-	-	11	16	21	25	32	37	42	
			Throw, m		0°	2.8 - 4.5 - 8.5	4 - 6 - 9.8	5.3 - 7.5 - 11	6 - 8.5 - 12.3	7 - 9.3 - 13	8 - 9.8 - 14	8.8 - 11 - 15.5	9.8 - 12.3 - 17	10.8 - 13 - 18.3
			22.5°		2.3 - 3.8 - 6.8	3 - 4.5 - 7.5	4 - 5.8 - 8.5	4.5 - 6.8 - 9.5	5.5 - 7 - 10	6 - 7.5 - 10.8	7 - 8.5 - 12.3	7.5 - 9.5 - 13	8.3 - 10 - 14.3	
		45°		1.3 - 2.3 - 4	1.8 - 2.8 - 4.5	2.3 - 3.3 - 5	2.8 - 4 - 5.5	3 - 4.3 - 5.8	3.8 - 4.5 - 6.5	4 - 5 - 7	4.5 - 5.5 - 7.5	5 - 5.8 - 8.3		
600mm x 150mm 450mm x 200mm 300mm x 300mm	0.09	0.08	Air Flow, l/s		125	166	208	249	291	332	415	498	581	
			NC		-	-	11	17	22	26	32	38	42	
			Throw, m		0°	3 - 5 - 9.3	4.3 - 6.5 - 10.3	5.5 - 8.3 - 12	6.5 - 9.3 - 12.8	7.5 - 9.8 - 14	8.5 - 10.3 - 15	9.5 - 12 - 16.8	10.3 - 12.8 - 18	11.3 - 14 - 19.8
			22.5°		2.5 - 3.8 - 7	3.3 - 5 - 8.3	4.3 - 6.5 - 9.3	5 - 7 - 10	5.8 - 7.5 - 10.8	6.8 - 8.3 - 11.5	7.3 - 9.3 - 12.8	8.3 - 10 - 14	8.8 - 10.8 - 15.3	
		45°		1.3 - 2.3 - 4	1.8 - 3 - 5	2.5 - 3.8 - 5.3	3 - 4 - 5.8	3.3 - 4.5 - 6.5	4 - 5 - 6.8	4.3 - 5.3 - 7.5	5 - 5.8 - 8.3	5.3 - 6.5 - 8.8		
750mm x 150mm 450mm x 250mm	0.12	0.10	Air Flow, l/s		157	210	262	314	367	419	524	629	733	
			NC		-	-	12	18	23	27	33	39	43	
			Throw, m		0°	3.3 - 5.5 - 10.3	5 - 7.3 - 12	6 - 9.3 - 13	7.3 - 10.3 - 14.3	8.5 - 11 - 15.5	9.8 - 12 - 16.8	10.8 - 13 - 18.5	12 - 14.3 - 20.5	12.8 - 15.5 - 22
			22.5°		2.8 - 4.3 - 8	3.8 - 5.5 - 9.3	4.5 - 7 - 10.3	5.5 - 8 - 11.3	6.8 - 8.5 - 12.3	7.5 - 9.3 - 12.8	8.3 - 10.3 - 14.3	9.3 - 11.3 - 15.8	9.8 - 12.3 - 17	
		45°		1.5 - 2.5 - 4.5	2.3 - 3.3 - 5.3	2.8 - 4 - 5.8	3.3 - 4.5 - 6.5	4 - 5 - 7	4.3 - 5.3 - 7.5	5 - 5.8 - 8.5	5.3 - 6.5 - 9.3	5.8 - 7 - 10		
350mm x 350mm	0.13	0.11	Air Flow, l/s		173	230	288	345	403	461	576	691	806	
			NC		-	-	13	18	23	27	34	39	44	
			Throw, m		0°	3.8 - 5.8 - 10.8	5.3 - 7.5 - 12.5	6.5 - 9.5 - 13.8	7.5 - 10.8 - 15.3	8.8 - 11.5 - 16.5	10 - 12.5 - 17.3	11.3 - 13.8 - 19	12.5 - 15.3 - 21	13.5 - 16.5 - 23.3
			22.5°		2.8 - 4.5 - 8.3	4 - 5.8 - 9.5	5 - 7.3 - 10.8	5.8 - 8.3 - 12	7 - 8.8 - 12.8	8 - 9.5 - 13.8	8.8 - 10.8 - 15.3	9.5 - 12 - 16.8	10.3 - 12.8 - 18	
		45°		1.5 - 2.5 - 5	2.5 - 3.3 - 5.5	2.8 - 4.3 - 6	3.3 - 5 - 6.8	4 - 5.3 - 7.3	4.5 - 5.5 - 8	5.3 - 6 - 8.8	5.5 - 6.8 - 9.8	6 - 7.3 - 10.3		
900mm x 150mm 700mm x 200mm 450mm x 300mm	0.14	0.13	Air Flow, l/s		191	255	319	382	446	510	637	765	892	
			NC		-	-	13	19	23	27	34	39	44	
			Throw, m		0°	3.8 - 6 - 11.3	5.5 - 8 - 13	6.8 - 10 - 14.8	8 - 11.3 - 15.8	9.5 - 12.3 - 17.3	10.8 - 13 - 18.3	12 - 14.8 - 20.8	13 - 15.8 - 22.5	14 - 17.3 - 24.5
			22.5°		2.8 - 4.5 - 8.8	4.3 - 6 - 10	5.3 - 7.5 - 11.3	6 - 8.8 - 12.5	7.3 - 9.5 - 13.5	8.3 - 10 - 14.3	9.3 - 11.3 - 15.8	10 - 12.5 - 17.3	11 - 13.5 - 19	
		45°		1.5 - 2.8 - 5.3	2.5 - 3.8 - 5.8	3 - 4.5 - 6.5	3.8 - 5.3 - 7.3	4.3 - 5.5 - 7.5	5 - 5.8 - 8.3	5.5 - 6.5 - 9.3	6 - 7.3 - 10	6.5 - 7.5 - 11		
550mm x 250mm	0.14	0.13	Air Flow, l/s		194	259	323	388	453	517	647	776	905	
			NC		-	-	13	19	23	27	34	39	44	
			Throw, m		0°	3.8 - 6 - 11.3	5.5 - 8.3 - 13	6.8 - 10 - 14.8	8.3 - 11.3 - 16.3	9.5 - 12.3 - 17.3	10.8 - 13 - 18.5	12 - 14.8 - 20.8	13 - 16.3 - 22.8	14 - 17.3 - 24.8
			22.5°		2.8 - 4.5 - 8.8	4.3 - 6.5 - 10	5.3 - 8 - 11.3	6.5 - 8.8 - 12.5	7.3 - 9.5 - 13.5	8.3 - 10 - 14.3	9.3 - 11.3 - 16.3	10 - 12.5 - 17.8	11 - 13.5 - 19	
		45°		1.8 - 2.8 - 5.3	2.5 - 3.8 - 5.8	3 - 4.5 - 6.8	3.8 - 5.3 - 7.3	4.3 - 5.5 - 8	5 - 5.8 - 8.3	5.5 - 6.8 - 9.5	6 - 7.3 - 10.3	6.5 - 8 - 11		
750mm x 200mm 600mm x 250mm	0.16	0.14	Air Flow, l/s		211	281	352	422	492	563	703	844	984	
			NC		-	-	14	19	24	28	34	40	44	
			Throw, m		0°	4 - 6.5 - 12	5.5 - 8.5 - 13.8	7 - 10.8 - 15.3	8.5 - 12 - 16.8	9.8 - 12.8 - 18	11.3 - 13.8 - 19	12.5 - 15.3 - 21	13.8 - 16.8 - 23	14.8 - 18 - 25.5
			22.5°		3 - 5 - 9.3	4.3 - 6.5 - 10.8	5.5 - 8.3 - 12	6.5 - 9.3 - 13	7.5 - 10 - 14	8.5 - 10.8 - 15	9.8 - 12 - 16.8	10.8 - 13 - 18.3	11.5 - 14 - 19.8	
		45°		1.8 - 2.8 - 5.3	2.5 - 3.8 - 6	3 - 5 - 7	3.8 - 5.3 - 7.5	4.5 - 5.8 - 8.3	5 - 6 - 8.8	5.5 - 7 - 9.8	6 - 7.5 - 10.8	6.8 - 8.3 - 11.5		
1050mm x 150mm 450mm x 350mm	0.16	0.15	Air Flow, l/s		225	300	375	450	525	600	750	900	1051	
			NC		-	-	14	19	24	28	35	40	45	
			Throw, m		0°	4 - 6.5 - 12.3	5.8 - 8.8 - 14	7.3 - 11 - 15.8	8.8 - 12.3 - 17.3	10 - 13 - 18.5	11.5 - 14 - 20	12.8 - 15.8 - 22	14 - 17.3 - 24.5	15.3 - 18.5 - 26.5
			22.5°		3 - 5.3 - 9.5	4.5 - 6.8 - 11	5.5 - 8.5 - 12.3	6.8 - 9.5 - 13.5	8 - 10.3 - 14.8	8.8 - 11 - 15.5	10 - 12.3 - 17.3	11 - 13.5 - 19	12 - 14.8 - 20.5	
		45°		1.8 - 3 - 5.5	2.8 - 4 - 6.5	3.3 - 5 - 7	4 - 5.5 - 8	4.5 - 6 - 8.5	5.3 - 6.5 - 9.3	5.8 - 7 - 10	6.5 - 8 - 11	7 - 8.5 - 12		

NC 20 NC 30 NC 40

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.

AeroBlade Supply Grilles & Registers

NC 20

NC 30

NC 40

Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s										
			1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1		
			Velocity Pressure, Pa										
			Total										
			Pressure										
			Pa										
400mm x 400mm	0.17	0.15	Air Flow, l/s	229	306	382	459	535	612	765	917	1070	
			NC	-	-	14	19	24	28	35	40	45	
			Throw, m	0°	4 - 6.8 - 12.5	5.8 - 8.8 - 14.3	7.3 - 11 - 15.8	8.8 - 12.5 - 17.3	10.3 - 13.5 - 19	11.5 - 14.3 - 20	13 - 15.8 - 22.5	14.3 - 17.3 - 24.8	15.5 - 19 - 26.8
			22.5°	3 - 5.3 - 9.5	4.5 - 6.8 - 11	5.8 - 8.5 - 12.5	6.8 - 9.5 - 13.5	8 - 10.3 - 14.8	9.3 - 11 - 15.5	10 - 12.5 - 17.3	11 - 13.5 - 19.3	12 - 14.8 - 20.8	
			45°	1.8 - 3 - 5.5	2.8 - 4 - 6.5	3.3 - 5 - 7.3	4 - 5.5 - 8	4.5 - 6 - 8.5	5.3 - 6.5 - 9.3	5.8 - 7.3 - 10	6.5 - 8 - 11	7 - 8.5 - 12	
1200mm x 150mm 900mm x 200mm 600mm x 300mm 450mm x 400mm	0.19	0.17	Air Flow, l/s	258	344	429	515	601	687	859	1031	1203	
			NC	-	-	15	20	25	29	35	41	45	
			Throw, m	0°	4.3 - 7 - 13	6 - 9.5 - 15.3	7.5 - 11.5 - 16.8	9.5 - 13 - 18.5	11 - 14 - 20	12.5 - 15.3 - 21.3	13.8 - 16.8 - 23.8	15.3 - 18.5 - 26.3	16.5 - 20 - 28.3
			22.5°	3.3 - 5.5 - 10	5 - 7.3 - 11.5	6 - 9.3 - 13	7.3 - 10 - 14.3	8.5 - 11 - 15.5	9.5 - 11.5 - 16.5	10.8 - 13 - 18.5	11.5 - 14.3 - 20.5	12.8 - 15.5 - 22	
			45°	1.8 - 3 - 5.8	2.8 - 4.3 - 6.8	3.3 - 5.3 - 7.5	4.3 - 5.8 - 8.3	5 - 6.5 - 9.3	5.5 - 6.8 - 9.8	6 - 7.5 - 10.8	6.8 - 8.3 - 12	7.3 - 9.3 - 12.8	
450mm x 450mm	0.21	0.19	Air Flow, l/s	293	391	488	586	684	782	977	1172	1368	
			NC	-	-	15	21	25	29	36	41	46	
			Throw, m	0°	4.5 - 7.3 - 14	6.8 - 10 - 16.3	8.3 - 12.5 - 18	10 - 14 - 19.8	11.5 - 15 - 21.3	13 - 16.3 - 22.8	14.8 - 18 - 25.5	16.3 - 19.8 - 28	17.3 - 21.3 - 30.3
			22.5°	3.8 - 5.8 - 11	5.3 - 7.5 - 12.5	6.5 - 9.8 - 14	7.5 - 11 - 15.3	8.8 - 11.5 - 16.5	10 - 12.5 - 17.8	11.3 - 14 - 19.8	12.5 - 15.3 - 21.8	13.5 - 16.5 - 23.5	
			45°	2.3 - 3.3 - 6.5	3 - 4.5 - 7.3	3.8 - 5.5 - 8.3	4.5 - 6.5 - 8.8	5.3 - 6.8 - 9.5	5.8 - 7.3 - 10.3	6.8 - 8.3 - 11.5	7.3 - 8.8 - 12.5	8 - 9.5 - 13.8	
1050mm x 200mm 600mm x 350mm	0.22	0.20	Air Flow, l/s	303	404	505	606	707	808	1010	1212	1414	
			NC	-	-	15	21	25	29	36	41	46	
			Throw, m	0°	4.5 - 7.5 - 14.3	6.8 - 10 - 16.5	8.5 - 12.5 - 18.3	10 - 14.3 - 20	12 - 15.3 - 21.8	13.5 - 16.5 - 23.3	15 - 18.3 - 26	16.5 - 20 - 28.3	17.8 - 21.8 - 30.8
			22.5°	3.8 - 5.8 - 11	5.3 - 8 - 12.8	6.5 - 9.8 - 14.3	8 - 11 - 15.5	9.3 - 12 - 16.8	10.3 - 12.8 - 18	11.5 - 14.3 - 20	12.8 - 15.5 - 22	13.8 - 16.8 - 23.8	
			45°	2.3 - 3.3 - 6.5	3 - 4.5 - 7.3	3.8 - 5.8 - 8.3	4.5 - 6.5 - 9.3	5.3 - 7 - 9.8	6 - 7.3 - 10.3	6.8 - 8.3 - 11.5	7.3 - 9.3 - 12.8	8 - 9.8 - 13.8	
900mm x 250mm 750mm x 300mm	0.23	0.21	Air Flow, l/s	324	432	540	648	757	865	1081	1297	1513	
			NC	-	-	15	21	26	30	36	42	46	
			Throw, m	0°	5 - 8 - 14.8	7 - 10.3 - 17	8.8 - 13 - 19	10.3 - 14.8 - 20.8	12.3 - 15.8 - 22.5	13.8 - 17 - 24	15.5 - 19 - 26.8	17 - 20.8 - 29.3	18.3 - 22.5 - 31.8
			22.5°	3.8 - 6 - 11.3	5.5 - 8.3 - 13	6.8 - 10 - 14.8	8.3 - 11.3 - 16.3	9.5 - 12.3 - 17.3	10.8 - 13 - 18.5	12 - 14.8 - 20.8	13 - 16.3 - 22.8	14.3 - 17.3 - 24.8	
			45°	2.3 - 3.8 - 6.8	3 - 4.5 - 7.5	4 - 5.8 - 8.5	4.5 - 6.8 - 9.5	5.5 - 7 - 10	6 - 7.5 - 10.8	7 - 8.5 - 12.3	7.5 - 9.5 - 13	8.3 - 10 - 14.3	
1200mm x 200mm 600mm x 400mm	0.25	0.23	Air Flow, l/s	348	464	580	697	813	929	1161	1393	1625	
			NC	-	-	16	21	26	30	36	42	47	
			Throw, m	0°	5 - 8.3 - 15.3	7.3 - 11 - 17.8	9.3 - 13.5 - 19.5	11 - 15.3 - 21.8	12.5 - 16.5 - 23.3	14.3 - 17.8 - 25	16.3 - 19.5 - 27.8	17.8 - 21.8 - 30.5	19 - 23.3 - 33
			22.5°	4 - 6.5 - 12	5.5 - 8.5 - 13.8	7 - 10.3 - 15.3	8.5 - 12 - 16.8	9.8 - 12.8 - 18	11 - 13.8 - 19.3	12.5 - 15.3 - 21.8	13.8 - 16.8 - 23.5	14.8 - 18 - 25.5	
			45°	2.3 - 3.8 - 6.8	3.3 - 5 - 8	4 - 6 - 8.8	5 - 6.8 - 9.8	5.8 - 7.3 - 10.3	6.5 - 8 - 11.3	7.3 - 8.8 - 12.5	8 - 9.8 - 13.8	8.5 - 10.3 - 15	
500mm x 500mm	0.38	0.24	Air Flow, l/s	364	485	606	728	849	970	1213	1455	1698	
			NC	-	-	16	21	26	30	37	42	47	
			Throw, m	0°	5.3 - 8.3 - 15.5	7.3 - 11 - 18	9.3 - 13.8 - 20	11 - 15.5 - 22	12.8 - 16.8 - 23.8	14.8 - 18 - 25.3	16.5 - 20 - 28.3	18 - 22 - 31	19.5 - 23.8 - 33.5
			22.5°	4 - 6.5 - 12.3	5.8 - 8.5 - 14	7 - 10.8 - 15.5	8.5 - 12.3 - 17	10 - 13 - 18.3	11.3 - 14 - 19.8	12.8 - 15.5 - 22	14 - 17 - 24	15 - 18.3 - 26	
			45°	2.5 - 3.8 - 7	3.3 - 5 - 8.3	4.3 - 6 - 9.3	5 - 7 - 9.8	5.8 - 7.5 - 10.8	6.8 - 8.3 - 11.5	7.3 - 9.3 - 12.8	8.3 - 9.8 - 14	8.8 - 10.8 - 15.3	
900mm x 300mm 600mm x 450mm	0.28	0.35	Air Flow, l/s	389	519	649	779	909	1038	1298	1557	1817	
			NC	-	-	16	22	26	30	37	42	47	
			Throw, m	0°	5.3 - 8.5 - 16.3	7.5 - 11.5 - 18.5	9.5 - 14.3 - 20.8	11.5 - 16.3 - 22.8	13.5 - 17.3 - 24.8	15.3 - 18.5 - 26.3	17 - 20.8 - 29.3	18.5 - 22.8 - 32.3	20 - 24.8 - 34.8
			22.5°	4 - 6.8 - 12.5	5.8 - 8.8 - 14.3	7.3 - 11 - 16.3	8.8 - 12.5 - 17.8	10.3 - 13.5 - 19.3	12 - 14.3 - 20.5	13 - 16.3 - 22.8	14.3 - 17.8 - 25	15.5 - 19.3 - 26.8	
			45°	2.5 - 4 - 7.3	3.3 - 5.3 - 8.3	4.3 - 6.5 - 9.5	5.3 - 7.3 - 10.3	6 - 8 - 11	6.8 - 8.3 - 12	7.5 - 9.5 - 13	8.3 - 10.3 - 14.8	9.3 - 11 - 15.5	
1200mm x 250mm 750mm x 400mm 600mm x 500mm	0.31	0.29	Air Flow, l/s	440	587	734	881	1027	1174	1468	1761	2055	
			NC	-	-	17	22	27	31	37	43	48	
			Throw, m	0°	5.5 - 9.3 - 17	8.3 - 12.3 - 19.8	10 - 15.3 - 22	12.3 - 17 - 24	14.3 - 18.5 - 26.3	16.3 - 19.8 - 28	18 - 22 - 31.5	19.8 - 24 - 34.3	21.3 - 26.3 - 37
			22.5°	4.3 - 7 - 13.5	6.5 - 9.5 - 15.3	8 - 12 - 17	9.5 - 13.5 - 19	11 - 14.3 - 20	12.5 - 15.3 - 21.8	14 - 17 - 24	15.3 - 19 - 26.5	16.5 - 20 - 28.8	
			45°	2.5 - 4 - 7.5	3.8 - 5.5 - 8.8	4.5 - 6.8 - 10	5.5 - 7.5 - 11	6.5 - 8.3 - 12	7.3 - 8.8 - 12.5	8.3 - 10 - 14	8.8 - 11 - 15.5	9.8 - 12 - 16.8	

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.

AeroBlade Supply Grilles & Registers

		NC 20				NC 30				NC 40			
Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s	1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1	
			Velocity Pressure, Pa	1	2	4	6	8	10	16	22	30	
			Total 0°	2	4	7	9	13	17	26	38	52	
			Pressure 22.5°	3	5	7	11	14	19	29	42	58	
			Pa 45°	4	7	11	16	22	29	45	65	88	
550mm x 550mm	0.31	0.29	Air Flow, l/s	445	593	741	889	1037	1186	1482	1778	2075	
			NC	-	-	17	22	27	31	38	43	48	
			Throw, m 0°	5.8-9.3-17	8.3-12.3-19.8	10-15.3-22.3	12.3-17-24.5	14.3-18.5-26.3	16.3-19.8-28	18-22.3-31.5	19.8-24.5-34.5	21.3-26.3-37.3	
			22.5°	4.3-7-13.5	6.5-9.5-15.3	8-12-17	9.5-13.5-19	11-14.3-20.5	12.5-15.3-21.8	14-17-24.5	15.3-19-26.5	16.8-20.5-28.8	
			45°	2.5-4.3-7.5	3.8-5.5-8.8	4.5-7-10	5.5-7.5-11	6.5-8.3-12	7.3-8.8-12.5	8.3-10-14	8.8-11-15.5	9.8-12-16.8	
1050mm x 300mm 900mm x 350mm	0.33	0.30	Air Flow, l/s	456	608	760	912	1064	1216	1520	1824	2128	
			NC	-	-	17	22	27	31	38	43	48	
			Throw, m 0°	5.8-9.3-17.3	8.3-12.5-20	10.3-15.5-22.5	12.5-17.3-24.8	14.3-19-26.5	16.5-20-28.3	18.3-22.5-31.8	20-24.8-34.8	21.8-26.5-37.5	
			22.5°	4.5-7.3-13.5	6.5-9.5-15.5	8-12-17.3	9.5-13.5-19.3	11.3-14.8-20.8	12.8-15.5-22	14.3-17.3-24.8	15.5-19.3-27.3	16.8-20.8-29.3	
			45°	2.5-4.3-8	3.8-5.5-9.3	4.5-7-10	5.5-8-11	6.5-8.5-12	7.3-9.3-12.8	8.3-10-14.3	9.3-11-15.5	9.8-12-17	
600mm x 550mm	0.34	0.32	Air Flow, l/s	486	648	809	971	1133	1295	1619	1943	2266	
			NC	-	-	17	23	27	31	38	43	48	
			Throw, m 0°	5.8-9.5-18	8.5-12.8-20.8	10.8-15.8-23.3	12.8-18-25.3	15-19.5-27.5	17-20.8-29.3	19-23.3-33	20.8-25.3-36	22.5-27.5-38.8	
			22.5°	4.5-7.3-14	6.8-10-16.3	8.3-12.5-18	10-14-19.8	11.5-15-21.3	13-16.3-22.8	14.8-18-25.3	16.3-19.8-27.8	17.3-21.3-30.3	
			45°	2.8-4.3-8.3	4-5.8-9.5	5-7.3-10.3	5.8-8.3-11.5	6.8-8.8-12.5	7.5-9.5-13	8.5-10.3-14.8	9.5-11.5-16.3	10-12.5-17.3	
750mm x 450mm	0.35	0.33	Air Flow, l/s	496	661	826	991	1166	1321	1652	1982	2313	
			NC	-	11	17	23	27	31	38	43	48	
			Throw, m 0°	6-9.8-18.3	8.5-12.8-21	10.8-16.3-23.5	12.8-18.3-25.5	15-19.5-27.8	17-21-29.5	19.3-23.5-33.3	21-25.5-36.3	22.5-27.8-39.3	
			22.5°	4.5-7.5-14	6.8-10-16.3	8.3-12.5-18.3	10-14-19.8	11.5-15.3-21.8	13.5-16.3-22.8	15-18.3-25.5	16.3-19.8-28	17.8-21.8-30.5	
			45°	2.8-4.3-8.3	4-5.8-9.5	5-7.3-10.8	5.8-8.3-11.5	6.8-8.8-12.5	7.5-9.5-13.5	8.5-10.8-15	9.5-11.5-16.5	10-12.5-17.8	
1200mm x 300mm 900mm x 400mm 600mm x 600mm	0.37	0.35	Air Flow, l/s	531	708	885	1062	1239	1416	1770	2124	2478	
			NC	-	11	18	23	28	32	38	44	48	
			Throw, m 0°	6-10-19	8.8-13.5-21.8	11.3-16.8-24.5	13.5-19-26.5	15.5-20.5-28.8	17.8-21.8-30.8	19.8-24.5-34.5	21.8-26.5-37.5	23.5-28.8-40.5	
			22.5°	5-7.5-14.8	7-10.3-16.8	8.5-12.8-19	10.3-14.8-20.8	12.3-15.8-22.3	13.8-16.8-23.8	15.3-19-26.5	16.8-20.8-29.3	18.3-22.3-31.5	
			45°	2.8-4.5-8.5	4-6-9.8	5-7.5-11	6-8.5-12	7-9.3-12.8	8-9.8-13.8	8.8-11-15.5	9.8-12-16.8	10.8-12.8-18.3	
900mm x 450mm	0.42	0.39	Air Flow, l/s	597	797	996	1195	1394	1593	1992	2390	2788	
			NC	-	11	18	23	28	32	39	44	49	
			Throw, m 0°	6.5-10.8-19.8	9.5-14.3-23.3	12-17.8-25.5	14.3-19.8-28.3	16.5-21.8-30.5	19-23.3-32.5	21-25.5-36.3	23.3-28.3-40	25-30.5-43	
			22.5°	5.3-8.3-15.5	7.3-11-18	9.3-13.8-19.8	11-15.5-22	12.8-16.8-23.5	14.8-18-25.3	16.3-19.8-28.3	18-22-30.8	19.3-23.5-33.5	
			45°	3-5-8.8	4.3-6.5-10.3	5.3-8-11.5	6.5-8.8-12.8	7.3-9.8-13.8	8.5-10.3-14.8	9.5-11.5-16.5	10.3-12.8-18	11.3-13.8-19.5	
900mm x 500mm 750mm x 600mm	0.46	0.44	Air Flow, l/s	667	889	1111	1334	1556	1778	2223	2667	3112	
			NC	-	12	18	24	29	33	39	45	49	
			Throw, m 0°	7-11.3-21	10-15-24.5	12.5-18.5-27.3	15-21-29.8	17.3-22.8-32.3	19.8-24.5-34.5	22.3-27.3-38.5	24.5-29.8-42	26.3-32.3-45.5	
			22.5°	5.5-8.8-16.5	7.5-11.5-19.5	9.8-14.8-21	11.5-16.5-23.3	13.5-17.8-25	15.3-19-26.5	17-21-29.8	19-23.3-32.5	20.5-25-35.3	
			45°	3-5.3-9.5	4.5-6.8-11	5.5-8.5-12.3	6.8-9.5-13.5	8-10.3-14.8	8.8-11-15.5	10-12.3-17.3	11-13.5-19	12-14.8-20.5	
1050mm x 450mm	0.49	0.46	Air Flow, l/s	699	933	1166	1399	1632	1865	2331	2798	3264	
			NC	-	12	19	24	29	33	39	45	49	
			Throw, m 0°	7-11.5-21.8	10.3-15.3-25	12.8-19.3-27.8	15.3-21.8-30.5	18-23.3-33	20.5-25-35.3	22.8-27.8-39.3	25-30.5-43.3	26.8-33-46.8	
			22.5°	5.5-8.8-16.8	8-12-19.3	10-15-21.8	12-16.8-23.8	14-18-25.5	15.8-19.3-27.5	17.8-21.8-30.5	19.3-23.8-33.5	20.8-25.5-36	
			45°	3-5.3-9.8	4.5-7-11.3	5.8-8.5-12.5	7-9.8-13.8	8-10.3-15	9.3-11.3-15.8	10.3-12.5-17.8	11.3-13.8-19.5	12.3-15-21	
700mm x 700mm	0.51	0.48	Air Flow, l/s	731	974	1218	1461	1705	1948	2435	2922	3409	
			NC	-	12	19	24	29	33	40	45	50	
			Throw, m 0°	7.3-12-22	10.3-15.5-25.5	13-19.5-28.3	15.5-22-31	18.3-23.8-33.5	20.8-25.5-36	23.3-28.3-40.3	25.5-31-44.3	27.5-33.5-47.5	
			22.5°	5.5-9.3-17	8.3-12.3-19.8	10-15.3-22	12.3-17-24	14.3-18.5-26.3	16.3-19.8-28	18-22-31	19.8-24-34.3	21.3-26.3-37	
			45°	3.3-5.3-10	4.5-7-11.5	5.8-8.8-12.8	7-10-14	8.3-10.8-15.3	9.5-11.5-16.3	10.3-12.8-18	11.5-14-19.8	12.5-15.3-21.3	

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.

AeroBlade Supply Grilles & Registers

			NC 20				NC 30			NC 40		NC 50	
Nominal Duct Size	Nominal Duct Area (m2.)	Core Area (m2.)	Core Velocity, m/s	1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1	
			Velocity Pressure, Pa	1	2	4	6	8	10	16	22	30	
			Total	2	4	7	9	13	17	26	38	52	
			Pressure	22.5°	3	5	7	11	14	19	29	42	58
			Pa	45°	4	7	11	16	22	29	45	65	88
1050mm x 500mm 750mm x 700mm	0.54	0.51	Air Flow, l/s	780	1040	1300	1560	1820	2080	2600	3121	3641	
			NC	-	12	19	25	29	33	40	45	50	
			Throw, m	0°	7.5 - 12.3 - 22.8	10.8 - 16.3 - 26.3	13.5 - 20 - 29.3	16.3 - 22.8 - 32.3	19 - 24.8 - 34.8	21.3 - 26.3 - 37.3	24 - 29.3 - 41.5	26.3 - 32.3 - 45.5	28.3 - 34.8 - 49
			Pressure	22.5°	5.8 - 9.5 - 17.8	8.3 - 12.5 - 20.5	10.3 - 15.5 - 22.8	12.5 - 17.8 - 25	14.8 - 19.3 - 26.8	16.8 - 20.5 - 29	18.5 - 22.8 - 32.3	20.5 - 25 - 35.3	22 - 26.8 - 38
			45°	3.3 - 5.5 - 10.3	5 - 7.3 - 12	6 - 9.3 - 13	7.3 - 10.3 - 14.8	8.5 - 11 - 15.5	9.8 - 12 - 16.8	10.8 - 13 - 18.5	12 - 14.8 - 20.5	12.8 - 15.5 - 22.3	
1200mm x 450mm 900mm x 600mm	0.56	0.53	Air Flow, l/s	801	1068	1336	1603	1870	2137	2671	3205	3740	
			NC	-	13	19	25	29	33	40	45	50	
			Throw, m	0°	7.5 - 12.3 - 23.3	11 - 16.5 - 26.5	13.8 - 20.5 - 29.8	16.5 - 23.3 - 32.5	19.3 - 25 - 35.3	21.8 - 26.5 - 37.8	24.5 - 29.8 - 42	26.5 - 32.5 - 46.3	28.8 - 35.3 - 50
			Pressure	22.5°	5.8 - 9.5 - 18	8.5 - 12.8 - 20.8	10.8 - 15.8 - 23.3	12.8 - 18 - 25.3	15 - 19.3 - 27.5	16.8 - 20.8 - 29.3	19 - 23.3 - 32.5	20.8 - 25.3 - 35.8	22.3 - 27.5 - 38.8
			45°	3.3 - 5.5 - 10.3	5 - 7.3 - 12	6 - 9.3 - 13.5	7.3 - 10.3 - 14.8	8.5 - 11.3 - 15.8	9.8 - 12 - 17	11 - 13.5 - 19	12 - 14.8 - 20.8	13 - 15.8 - 22.5	
750mm x 750mm	0.58	0.55	Air Flow, l/s	841	1121	1402	1682	1962	2243	2803	3364	3925	
			NC	-	13	19	25	30	33	40	46	50	
			Throw, m	0°	7.5 - 12.5 - 23.8	11.3 - 16.8 - 27.5	14 - 21 - 30.5	16.8 - 23.8 - 33.5	19.5 - 25.5 - 36.3	22.3 - 27.5 - 38.8	25 - 30.5 - 43.3	27.5 - 33.5 - 47.3	29.5 - 36.3 - 51.3
			Pressure	22.5°	6 - 9.8 - 18.3	8.8 - 13 - 21	11 - 16.3 - 23.8	13 - 18.3 - 26	15.3 - 19.8 - 28	17.3 - 21 - 29.8	19.3 - 23.8 - 33.5	21 - 26 - 36.5	22.8 - 28 - 39.5
			45°	3.3 - 5.8 - 10.8	5.3 - 7.5 - 12.3	6.5 - 9.5 - 13.8	7.5 - 10.8 - 15	8.8 - 11.5 - 16.3	10 - 12.3 - 17.3	11.3 - 13.8 - 19.5	12.3 - 15 - 21.3	13.5 - 16.3 - 22.8	
1050mm x 600mm 900mm x 700mm	0.65	0.62	Air Flow, l/s	943	1257	1572	1886	2200	2515	3143	3772	4400	
			NC	-	13	20	25	30	34	41	46	51	
			Throw, m	0°	8.3 - 13.5 - 25	12 - 17.8 - 29	15 - 22.3 - 32.3	17.8 - 25 - 35.3	20.8 - 27.3 - 38.5	23.5 - 29 - 40.8	26.5 - 32.3 - 45.8	29 - 35.3 - 50	31 - 38.5 - 54.3
			Pressure	22.5°	6.5 - 10.3 - 19.5	9.3 - 13.8 - 22.5	11.5 - 17.3 - 25	13.8 - 19.5 - 27.5	16.3 - 21 - 29.5	18.3 - 22.5 - 31.8	20.5 - 25 - 35.3	22.5 - 27.5 - 38.8	24 - 29.5 - 42
			45°	3.8 - 6 - 11.3	5.5 - 8 - 13	6.8 - 10 - 14.8	8 - 11.3 - 15.8	9.5 - 12.3 - 17	10.8 - 13 - 18.3	12 - 14.8 - 20.8	13 - 15.8 - 22.5	14 - 17 - 24.5	
1150mm x 550mm	0.65	0.62	Air Flow, l/s	946	1261	1576	1892	2207	2522	3153	3783	4414	
			NC	-	13	20	25	30	34	41	46	51	
			Throw, m	0°	8.3 - 13.5 - 25	12 - 18 - 29	15 - 22.3 - 32.3	18 - 25 - 35.3	20.8 - 27.3 - 38.5	23.8 - 29 - 40.8	26.5 - 32.3 - 45.8	29 - 35.3 - 50.3	31.5 - 38.5 - 54.3
			Pressure	22.5°	6.5 - 10.3 - 19.5	9.3 - 13.8 - 22.5	11.5 - 17.3 - 25	13.8 - 19.5 - 27.5	16.3 - 21 - 29.5	18.3 - 22.5 - 31.8	20.5 - 25 - 35.3	22.5 - 27.5 - 39	24.5 - 29.5 - 42
			45°	3.8 - 6 - 11.3	5.5 - 8 - 13	6.8 - 10 - 14.8	8 - 11.3 - 15.8	9.5 - 12.3 - 17.3	10.8 - 13 - 18.3	12 - 14.8 - 20.8	13 - 15.8 - 22.5	14 - 17.3 - 24.5	
800mm x 800mm	0.66	0.63	Air Flow, l/s	960	1280	1600	1920	2240	2560	3200	3840	4480	
			NC	-	13	20	25	30	34	41	46	51	
			Throw, m	0°	8.3 - 13.5 - 25.3	12 - 18 - 29.3	15 - 22.5 - 32.5	18 - 25.3 - 35.8	21 - 27.5 - 38.8	23.8 - 29.3 - 41.3	26.5 - 32.5 - 46	29.3 - 35.8 - 50.5	31.5 - 38.8 - 54.5
			Pressure	22.5°	6.5 - 10.3 - 19.5	9.3 - 14 - 22.5	11.5 - 17.3 - 25.3	14 - 19.5 - 27.8	16.3 - 21 - 29.8	18.5 - 22.5 - 32	20.8 - 25.3 - 35.8	22.5 - 27.8 - 39.3	24.5 - 29.8 - 42.3
			45°	3.8 - 6 - 11.3	5.5 - 8.3 - 13	6.8 - 10 - 14.8	8.3 - 11.3 - 16.3	9.5 - 12.3 - 17.3	10.8 - 13 - 18.5	12 - 14.8 - 20.8	13 - 16.3 - 22.8	14.3 - 17.3 - 24.8	
900mm x 750mm	0.70	0.67	Air Flow, l/s	1014	1352	1690	2027	2365	2703	3379	4055	4731	
			NC	-	14	20	26	30	34	41	46	51	
			Throw, m	0°	8.5 - 13.8 - 26	12.3 - 18.5 - 29.8	15.3 - 23.3 - 33.5	18.5 - 26 - 37	21.8 - 28 - 39.5	24.5 - 29.8 - 42.3	27.5 - 33.5 - 47.5	29.8 - 37 - 51.8	32.3 - 39.5 - 56
			Pressure	22.5°	6.8 - 10.8 - 20	9.5 - 14.3 - 23.3	12 - 18 - 26	14.3 - 20 - 28.3	16.8 - 21.8 - 30.8	19 - 23.3 - 33	21.3 - 26 - 37	23.3 - 28.3 - 40.3	25 - 30.8 - 43.5
			45°	4 - 6 - 11.5	5.5 - 8.3 - 13.5	7 - 10.3 - 15.3	8.3 - 11.5 - 16.5	9.8 - 12.5 - 18	11 - 13.5 - 19.3	12.3 - 15.3 - 21.3	13.5 - 16.5 - 23.5	14.8 - 18 - 25.3	
1200mm x 600mm 900mm x 800mm	0.74	0.71	Air Flow, l/s	1080	1440	1800	2161	2521	2881	3601	4321	5041	
			NC	-	14	20	26	31	35	41	47	51	
			Throw, m	0°	8.8 - 14.3 - 26.8	12.8 - 19.3 - 31	15.8 - 23.8 - 34.8	19.3 - 26.8 - 37.8	22.3 - 29 - 40.8	25.3 - 31 - 44	28.3 - 34.8 - 49	31 - 37.8 - 53.8	33.5 - 40.8 - 58
			Pressure	22.5°	6.8 - 11 - 20.8	9.8 - 14.8 - 24	12.3 - 18.5 - 26.8	14.8 - 20.8 - 29.3	17.3 - 22.5 - 31.8	19.5 - 24 - 33.8	22 - 26.8 - 37.8	24 - 29.3 - 41.5	26 - 31.8 - 44.8
			45°	4 - 6.5 - 12.3	5.8 - 8.5 - 14	7 - 10.8 - 15.5	8.5 - 12.3 - 17	10 - 13 - 18.3	11.3 - 14 - 19.8	12.8 - 15.5 - 22	14 - 17 - 24	15 - 18.3 - 26.3	
850mm x 850mm	0.75	0.71	Air Flow, l/s	1087	1450	1812	2175	2537	2900	3625	4349	5074	
			NC	-	14	21	26	31	35	41	47	51	
			Throw, m	0°	8.8 - 14.3 - 26.8	12.8 - 19.3 - 31	15.8 - 23.8 - 34.8	19.3 - 26.8 - 38	22.3 - 29 - 41.3	25.3 - 31 - 44	28.3 - 34.8 - 49	31 - 38 - 53.8	33.5 - 41.3 - 58.3
			Pressure	22.5°	6.8 - 11 - 20.8	9.8 - 15 - 24	12.5 - 18.5 - 26.8	15 - 20.8 - 29.5	17.3 - 22.5 - 31.8	19.5 - 24 - 34.3	22 - 26.8 - 38	24 - 29.5 - 41.8	26 - 31.8 - 45
			45°	4 - 6.5 - 12.3	5.8 - 8.5 - 14	7.3 - 10.8 - 15.5	8.5 - 12.3 - 17	10 - 13 - 18.5	11.3 - 14 - 19.8	12.8 - 15.5 - 22.3	14 - 17 - 24	15.3 - 18.5 - 26.3	

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.

AeroBlade Supply Grilles & Registers

			NC 20			NC 30			NC 40			NC 50		
Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s	1.5	2.0	2.5	3.0	3.6	4.1	5.1	6.1	7.1		
			Velocity Pressure, Pa	1	2	4	6	8	10	16	22	30		
			Total Pressure 0°	2	4	7	9	13	17	26	38	52		
			Pressure 22.5°	3	5	7	11	14	19	29	42	58		
			Pressure 45°	4	7	11	16	22	29	45	65	88		
900mm x 850mm	0.79	0.86	Air Flow, l/s	1153	1537	1921	2305	2689	3073	3842	4610	5378		
			NC	-	14	21	26	31	35	41	47	52		
			Throw, m 0°	9.3 - 14.8 - 27.8	13 - 19.8 - 32	16.5 - 24.8 - 35.8	19.8 - 27.8 - 39	22.8 - 29.8 - 42.3	26.3 - 32 - 45	29.3 - 35.8 - 50.5	32 - 39 - 55.5	34.5 - 42.3 - 59.8		
			Throw, m 22.5°	7 - 11.5 - 21.3	10 - 15.3 - 24.8	12.8 - 19.3 - 27.8	15.3 - 21.3 - 30.5	17.8 - 23.3 - 33	20 - 24.8 - 35	22.5 - 27.8 - 39.3	24.8 - 30.5 - 43	26.8 - 33 - 46.3		
Throw, m 45°	4 - 6.8 - 12.5	5.8 - 8.8 - 14.3	7.3 - 11 - 16.3	8.8 - 12.5 - 17.8	10.3 - 13.5 - 19	12 - 14.3 - 20.5	13 - 16.3 - 22.8	14.3 - 17.8 - 25	15.5 - 19 - 26.8					
1050mm x 750mm	0.81	0.78	Air Flow, l/s	1186	1582	1977	2373	2768	3164	3955	4746	5537		
			NC	-	14	21	26	31	35	42	47	52		
			Throw, m 0°	9.3 - 15 - 28	13.5 - 20 - 32.3	16.8 - 25 - 36.3	20 - 28 - 39.5	23.3 - 30.5 - 43	26.5 - 32.3 - 46	29.5 - 36.3 - 51.3	32.3 - 39.5 - 56	35 - 43 - 60.8		
			Throw, m 22.5°	7 - 11.5 - 21.8	10.3 - 15.5 - 25	12.8 - 19.5 - 28	15.5 - 21.8 - 30.8	18 - 23.5 - 33.3	20.5 - 25 - 35.8	22.8 - 28 - 39.5	25 - 30.8 - 43.5	27.3 - 33.3 - 47		
Throw, m 45°	4.3 - 6.8 - 12.5	6 - 8.8 - 14.8	7.5 - 11.3 - 16.5	8.8 - 12.5 - 18	10.3 - 13.8 - 19.3	12 - 14.8 - 20.8	13.5 - 16.5 - 23.3	14.8 - 18 - 25.3	15.8 - 19.3 - 27.5					
900mm x 900mm	0.84	0.80	Air Flow, l/s	1222	1629	2036	2444	2851	3258	4073	4888	5702		
			NC	-	14	21	26	31	35	42	47	52		
			Throw, m 0°	9.5 - 15.3 - 28.8	13.5 - 20.5 - 33	16.8 - 25.3 - 37	20.5 - 28.8 - 40.3	23.8 - 30.8 - 43.5	26.8 - 33 - 46.8	30.3 - 37 - 52	33 - 40.3 - 57	35.8 - 43.5 - 61.5		
			Throw, m 22.5°	7.3 - 12 - 22	10.3 - 15.8 - 25.5	13 - 19.5 - 28.8	15.8 - 22 - 31.5	18.3 - 23.8 - 33.8	20.8 - 25.5 - 36	23.3 - 28.8 - 40.3	25.5 - 31.5 - 44.3	27.5 - 33.8 - 47.8		
Throw, m 45°	4.3 - 6.8 - 12.8	6 - 9.3 - 15	7.5 - 11.3 - 16.5	9.3 - 12.8 - 18.3	10.8 - 13.8 - 19.5	12.3 - 15 - 21	13.5 - 16.5 - 23.5	15 - 18.3 - 25.5	16.3 - 19.5 - 27.8					
1050mm x 850mm 1200mm x 750mm	0.93	0.89	Air Flow, l/s	1359	1812	2265	2718	3172	3625	4531	5437	6343		
			NC	-	15	21	27	32	35	42	48	52		
			Throw, m 0°	9.8 - 16.3 - 30.3	14.3 - 21.3 - 34.8	17.8 - 26.8 - 38.8	21.3 - 30.3 - 42.8	25 - 32.5 - 46	28.3 - 34.8 - 49	31.8 - 38.8 - 54.8	34.8 - 42.8 - 60	37.5 - 46 - 65		
			Throw, m 22.5°	7.5 - 12.5 - 23.3	11 - 16.5 - 26.8	13.8 - 20.8 - 30.3	16.5 - 23.3 - 33	19.3 - 25.3 - 35.8	22 - 26.8 - 38	24.8 - 30.3 - 42.8	26.8 - 33 - 46.8	29 - 35.8 - 50.3		
Throw, m 45°	4.5 - 7.3 - 13.5	6.5 - 9.8 - 15.5	8 - 12 - 17.3	9.8 - 13.5 - 19.3	11.3 - 14.8 - 20.8	12.8 - 15.5 - 22.3	14.3 - 17.3 - 24.8	15.5 - 19.3 - 27.3	16.8 - 20.8 - 29.3					
950mm x 950mm	0.93	0.90	Air Flow, l/s	1365	1820	2275	2730	3185	3640	4550	5460	6369		
			NC	-	15	21	27	32	36	42	48	52		
			Throw, m 0°	9.8 - 16.3 - 30.3	14.3 - 21.3 - 34.8	18 - 26.8 - 39	21.3 - 30.3 - 42.8	25 - 32.5 - 46	28.3 - 34.8 - 49	31.8 - 39 - 55.3	34.8 - 42.8 - 60.3	37.5 - 46 - 65.3		
			Throw, m 22.5°	7.5 - 12.5 - 23.5	11 - 16.5 - 26.8	13.8 - 20.8 - 30.3	16.5 - 23.5 - 33	19.5 - 25.3 - 35.8	22 - 26.8 - 38	24.8 - 30.3 - 42.8	26.8 - 33 - 46.8	29.3 - 35.8 - 50.5		
Throw, m 45°	4.5 - 7.3 - 13.5	6.5 - 9.8 - 15.5	8 - 12.3 - 17.3	9.8 - 13.5 - 19.3	11.3 - 14.8 - 20.8	12.8 - 15.5 - 22.3	14.3 - 17.3 - 24.8	15.5 - 19.3 - 27.3	16.8 - 20.8 - 29.3					
1050mm x 900mm	0.98	0.94	Air Flow, l/s	1430	1907	2383	2860	3337	3813	4767	5720	6673		
			NC	-	15	22	27	32	36	42	48	52		
			Throw, m 0°	10 - 16.5 - 30.8	14.8 - 22 - 35.8	18.3 - 27.5 - 40	22 - 30.8 - 43.5	25.5 - 33.3 - 47.3	29 - 35.8 - 50.3	32.5 - 40 - 56.5	35.8 - 43.5 - 61.5	38.5 - 47.3 - 66.8		
			Throw, m 22.5°	8 - 12.8 - 23.8	11.3 - 17 - 27.8	14 - 21.3 - 30.8	17 - 23.8 - 33.8	19.8 - 26 - 36.5	22.5 - 27.8 - 39	25.3 - 30.8 - 43.5	27.8 - 33.8 - 47.8	29.8 - 36.5 - 51.5		
Throw, m 45°	4.5 - 7.3 - 14	6.8 - 9.8 - 16.3	8.3 - 12.3 - 18	9.8 - 14 - 19.5	11.5 - 15 - 21.3	13 - 16.3 - 22.5	14.8 - 18 - 25.3	16.3 - 19.5 - 27.8	17.3 - 21.3 - 29.8					
1150mm x 850mm	1.01	0.97	Air Flow, l/s	1480	1973	2466	2959	3452	3946	4932	5918	6905		
			NC	-	15	22	27	32	36	43	48	53		
			Throw, m 0°	10.3 - 16.8 - 31.5	15 - 22.3 - 36.3	18.5 - 28 - 40.5	22.3 - 31.5 - 44.5	26 - 33.8 - 47.8	29.5 - 36.3 - 51.3	33.3 - 40.5 - 57.3	36.3 - 44.5 - 62.8	39 - 47.8 - 67.8		
			Throw, m 22.5°	8 - 13 - 24.5	11.5 - 17.3 - 28	14.3 - 21.8 - 31.5	17.3 - 24.5 - 34.5	20 - 26.3 - 37.3	22.8 - 28 - 39.5	25.5 - 31.5 - 44.5	28 - 34.5 - 48.8	30.3 - 37.3 - 52.5		
Throw, m 45°	4.5 - 7.5 - 14	6.8 - 10 - 16.3	8.3 - 12.5 - 18.3	10 - 14 - 20	11.5 - 15.3 - 21.8	13.5 - 16.3 - 23.3	15 - 18.3 - 26	16.3 - 20 - 28.3	17.8 - 21.8 - 30.5					
1050mm x 950mm	1.03	0.99	Air Flow, l/s	1511	2014	2518	3021	3525	4029	5036	6043	7050		
			NC	-	15	22	27	32	36	43	48	53		
			Throw, m 0°	10.3 - 16.8 - 31.8	15 - 22.5 - 36.5	19 - 28 - 40.8	22.5 - 31.8 - 44.8	26.3 - 34.3 - 48.5	29.8 - 36.5 - 51.8	33.5 - 40.8 - 58	36.5 - 44.8 - 63.5	39.5 - 48.5 - 68.5		
			Throw, m 22.5°	8 - 13 - 24.8	11.5 - 17.3 - 28.3	14.8 - 22 - 31.8	17.3 - 24.8 - 34.8	20.5 - 26.5 - 37.5	23.3 - 28.3 - 40.3	26 - 31.8 - 44.8	28.3 - 34.8 - 49	30.8 - 37.5 - 53		
Throw, m 45°	4.5 - 7.5 - 14.3	6.8 - 10 - 16.5	8.5 - 12.8 - 18.3	10 - 14.3 - 20	12 - 15.5 - 21.8	13.5 - 16.5 - 23.3	15 - 18.3 - 26	16.5 - 20 - 28.8	17.8 - 21.8 - 30.8					
1000mm x 1000mm	1.03	0.99	Air Flow, l/s	1515	2020	2525	3030	3535	4040	5050	6060	7070		
			NC	-	15	22	27	32	36	43	48	53		
			Throw, m 0°	10.3 - 17 - 31.8	15 - 22.5 - 36.5	19 - 28.3 - 40.8	22.5 - 31.8 - 44.8	26.3 - 34.5 - 48.5	29.8 - 36.5 - 51.8	33.5 - 40.8 - 58	36.5 - 44.8 - 63.5	39.5 - 48.5 - 68.5		
			Throw, m 22.5°	8 - 13 - 24.8	11.5 - 17.3 - 28.3	14.8 - 22 - 31.8	17.3 - 24.8 - 34.8	20.5 - 26.5 - 37.5	23.3 - 28.3 - 40.3	26 - 31.8 - 44.8	28.3 - 34.8 - 49	30.8 - 37.5 - 53		
Throw, m 45°	4.5 - 7.5 - 14.3	6.8 - 10 - 16.5	8.5 - 12.8 - 18.5	10 - 14.3 - 20	12 - 15.5 - 22	13.5 - 16.5 - 23.5	15 - 18.5 - 26.3	16.5 - 20 - 28.8	17.8 - 22 - 30.8					

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.

AeroBlade Supply Grilles & Registers

Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	NC 20			NC 30			NC 40			NC 50														
			Core Velocity, m/s			2.5			3.0			3.6			4.1			5.1			6.1			7.1		
			Velocity Pressure, Pa	1	2	4	6	8	10	16	22	29	45	65	88											
			Total	0°	2	4	7	9	13	17	26	38	52													
			Pressure	22.5°	3	5	7	11	14	19	29	42	58													
				45°	4	7	11	16	22	29	45	65	88													
1200mm x 900mm	1.11	1.07	Air Flow, l/s		1638	2184	2730	3276	3822	4368	5460	6553	7645													
			NC		-	16	22	28	32	36	43	48	53													
			Throw, m	0°	11 - 17.8 - 33	15.5 - 23.5 - 38	19.5 - 29.3 - 42.8	23.5 - 33 - 46.8	27.5 - 35.8 - 50.3	31 - 38 - 54	34.8 - 42.8 - 60.3	38 - 46.8 - 66.3	41.3 - 50.3 - 71.3													
			22.5°	8.5 - 13.8 - 25.5	12.3 - 18.3 - 29.5	15.3 - 22.8 - 33	18.3 - 25.5 - 36.3	21.3 - 27.8 - 39	24 - 29.5 - 41.8	26.8 - 33 - 46.8	29.5 - 36.3 - 51.3	32 - 39 - 55.3														
			45°	5 - 8 - 15	7 - 10.8 - 17	8.8 - 13 - 19.3	10.8 - 15 - 21	12.3 - 16.3 - 22.5	14 - 17 - 24.5	15.5 - 19.3 - 27.3	17 - 21 - 29.5	18.5 - 22.5 - 32														
1050mm x 1050mm	1.14	1.10	Air Flow, l/s		1674	2231	2789	3347	3905	4463	5578	6694	7810													
			NC		-	16	22	28	32	36	43	48	53													
			Throw, m	0°	11 - 17.8 - 33.3	15.8 - 23.8 - 38.5	19.8 - 29.5 - 43	23.8 - 33.3 - 47.3	27.8 - 36 - 51	31.5 - 38.5 - 54.5	35 - 43 - 61	38.5 - 47.3 - 66.8	41.8 - 51 - 72													
			22.5°	8.5 - 13.8 - 26	12.3 - 18.3 - 29.8	15.3 - 22.8 - 33.5	18.3 - 26 - 36.5	21.3 - 28 - 39.5	24.5 - 29.8 - 42.3	27.3 - 33.5 - 47.3	29.8 - 36.5 - 51.8	32.3 - 39.5 - 55.8														
			45°	5 - 8 - 15	7 - 10.8 - 17.3	8.8 - 13.5 - 19.5	10.8 - 15 - 21.3	12.5 - 16.3 - 22.8	14 - 17.3 - 24.5	15.8 - 19.5 - 27.5	17.3 - 21.3 - 30.3	18.5 - 22.8 - 32.3														
1100mm x 1100mm	1.25	1.21	Air Flow, l/s		1839	2452	3065	3678	4291	4905	6131	7357	8583													
			NC		-	16	23	28	33	37	43	49	53													
			Throw, m	0°	11.5 - 18.5 - 35	16.5 - 25 - 40.5	20.8 - 31 - 45	25 - 35 - 49.5	29 - 37.8 - 53.3	33 - 40.5 - 57	37 - 45 - 64	40.5 - 49.5 - 70	43.5 - 53.3 - 75.5													
			22.5°	8.8 - 14.3 - 27.3	12.8 - 19.3 - 31.5	16.3 - 24 - 35	19.3 - 27.3 - 38.5	22.5 - 29.3 - 41.5	25.5 - 31.5 - 44.3	28.8 - 35 - 49.5	31.5 - 38.5 - 54.3	33.8 - 41.5 - 58.5														
			45°	5.3 - 8.5 - 15.8	7.3 - 11.3 - 18.3	9.5 - 14 - 20.5	11.3 - 15.8 - 22.3	13 - 17 - 24	15 - 18.3 - 25.5	16.5 - 20.5 - 28.8	18.3 - 22.3 - 31.5	19.5 - 24 - 34.3														
1200mm x 1050mm	1.30	1.38	Air Flow, l/s		1917	2556	3195	3834	4473	5112	6390	7668	8946													
			NC		-	16	23	28	33	37	44	49	54													
			Throw, m	0°	11.5 - 19 - 35.8	17 - 25.3 - 41.3	21 - 31.8 - 46	25.3 - 35.8 - 50.5	29.5 - 38.8 - 54.5	33.5 - 41.3 - 58.3	37.8 - 46 - 65.3	41.3 - 50.5 - 71.3	44.5 - 54.5 - 77													
			22.5°	9.3 - 14.8 - 27.8	13 - 19.8 - 32	16.5 - 24.8 - 35.8	19.8 - 27.8 - 39	22.8 - 29.8 - 42.3	26.3 - 32 - 45	29.3 - 35.8 - 50.5	32 - 39 - 55.5	34.5 - 42.3 - 59.8														
			45°	5.3 - 8.5 - 16.3	7.5 - 11.3 - 18.5	9.5 - 14.3 - 20.8	11.3 - 16.3 - 22.8	13.5 - 17.3 - 24.8	15.3 - 18.5 - 26.3	17 - 20.8 - 29.3	18.5 - 22.8 - 32	20 - 24.8 - 34.8														
1150mm x 1150mm	1.36	1.32	Air Flow, l/s		2013	2684	3356	4027	4698	5369	6711	8053	9396													
			NC		-	16	23	29	33	37	44	49	54													
			Throw, m	0°	12 - 19.5 - 36.5	17.3 - 26 - 42.3	21.8 - 32.5 - 47.3	26 - 36.5 - 51.8	30.5 - 39.5 - 55.8	34.5 - 42.3 - 59.8	38.8 - 47.3 - 66.8	42.3 - 51.8 - 73.3	45.8 - 55.8 - 79													
			22.5°	9.5 - 15.3 - 28.3	13.5 - 20 - 32.5	16.8 - 25.3 - 36.5	20 - 28.3 - 40.3	23.5 - 30.8 - 43.3	26.8 - 32.5 - 46.3	29.8 - 36.5 - 51.8	32.5 - 40.3 - 56.8	35.3 - 43.3 - 61.3														
			45°	5.5 - 8.8 - 16.5	8 - 11.5 - 19	9.8 - 14.8 - 21.3	11.5 - 16.5 - 23.3	13.8 - 17.8 - 25.3	15.5 - 19 - 26.8	17.3 - 21.3 - 30.3	19 - 23.3 - 33	20.5 - 25.3 - 35.8														
1200mm x 1150mm	1.42	1.38	Air Flow, l/s		2103	2803	3504	4205	4906	5607	7008	8410	9812													
			NC		-	17	23	29	33	37	44	49	54													
			Throw, m	0°	12.3 - 19.8 - 37.5	17.8 - 26.5 - 43.3	22.3 - 33.3 - 48.3	26.5 - 37.5 - 53	31 - 40.5 - 57	35.3 - 43.3 - 61	39.3 - 48.3 - 68.3	43.3 - 53 - 74.8	46.8 - 57 - 80.8													
			22.5°	9.5 - 15.5 - 29	13.8 - 20.8 - 33.5	17 - 26 - 37.5	20.8 - 29 - 40.8	24 - 31.5 - 44.3	27.5 - 33.5 - 47.3	30.5 - 37.5 - 53	33.5 - 40.8 - 58	36.3 - 44.3 - 62.5														
			45°	5.5 - 8.8 - 16.8	8 - 12 - 19.5	10 - 15 - 21.8	12 - 16.8 - 23.8	14 - 18.3 - 25.5	15.8 - 19.5 - 27.5	17.8 - 21.8 - 30.8	19.5 - 23.8 - 33.5	21 - 25.5 - 36.3														
1200mm x 1200mm	1.49	1.44	Air Flow, l/s		2195	2926	3658	4389	5121	5852	7315	8778	10241													
			NC		-	17	23	29	34	37	44	50	54													
			Throw, m	0°	12.5 - 20.5 - 38	18 - 27.3 - 44.3	22.5 - 33.8 - 49.5	27.3 - 38 - 54	31.8 - 41.3 - 58.5	36 - 44.3 - 62.5	40.3 - 49.5 - 69.8	44.3 - 54 - 76.5	47.5 - 58.5 - 82.5													
			22.5°	9.8 - 15.8 - 29.5	14 - 21 - 34.3	17.8 - 26.3 - 38	21 - 29.5 - 41.8	24.8 - 32 - 45	28 - 34.3 - 48.5	31 - 38 - 54	34.3 - 41.8 - 59.3	37 - 45 - 64														
			45°	5.8 - 9.3 - 17	8.3 - 12.3 - 19.8	10 - 15.3 - 22.3	12.3 - 17 - 24.5	14.3 - 18.5 - 26.3	16.3 - 19.8 - 28	18 - 22.3 - 31.5	19.8 - 24.5 - 34.5	21.3 - 26.3 - 37.3														

- All pressures are given in Pascal
 - 0°, 22.5°, & 45° represent blade deflection angles.
 - Performance data is based on duct sizes in bold, the performance varies slightly for duct sizes not shown in bold.
 - Throw data is isothermal, at the indicated terminal velocities
 - NC is based on a 10dB room attenuation, re 10-12 Watts.

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

L13M-S

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, or by an information storage system, without permission in writing from Air Distribution Technologies.