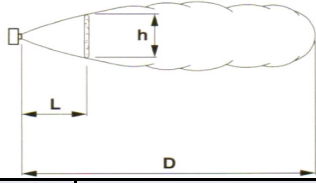


# Air Atomising Flat Spray Internal Mix



Flat Spray is maintained to 40cm, beyond this distance, the spray becomes turbulent. D is the maximum spray distance, Section H are the spray widths at different distances

Spray Set up	Pressure (H2O)															Spray Dimensions						
	0.7 Bar			1.5 Bar			2 Bar			3 Bar			4 Bar									
	Air Pres	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air bar	H2O l/h	15 cm	25 cm	40 cm	D m	
B2 - P31	0.7	5.5	24	1.3	9.1	31	2.0	8.6	42	2.7	11.2	52	3.9	12.0	69	1.1	0.7	25	36	46	2.6	
	0.85	4.7	27	1.5	7.7	3	2.2	7.5	47	3.0	10.1	56	4.6	9.7	81	2.1	1.5	36	48	66	3.0	
	1.0	4.1	31	1.8	6.5	42	2.5	6.2	52	3.2	9.1	62	5.3	7.5	93	2.8	2.0	38	53	76	3.2	
	1.1	3.5	34	2.1	5.34	47	2.8	5.2	57	3.5	8.1	66	6.0	5.3	104	3.5	3.0	47	61	86	3.4	
	1.3	3.0	37	2.4	4.3	52	3.1	4.2	63	4.2	5.4	79	6.3	4.3	110	6.0	4.0	56	74	94	4.0	
	1.4	2.5	40	2.7	3.3	57	3.2	3.7	65	4.6	4.2	85	6.7	3.3	119							
	1.5	2.0	44	2.8	2.8	60	3.4	3.2	68	4.9	3.1	91	7.0	2.4	122							
B3 - P31	0.85	8.2	1938	1.4	14.4	27	2.1	13.5	36	2.7	19.1	42	4.6	16.1	69	1.1	0.7	36	46	71	2.1	
	1.0	6.8	23	1.7	11.9	32	2.4	11.4	42	3.0	17.1	46	4.9	13.8	76	2.1	1.5	43	61	81	2.4	
	1.1	5.5	27	2.0	9.5	37	2.7	9.2	47	3.2	15.1	52	5.3	11.5	83	3.0	2.0	51	66	89	2.6	
	1.3	4.1	30	2.1	8.3	40	3.0	7.1	53	3.5	13.1	57	5.6	9.3	90	3.5	3.0	58	76	97	2.7	
	1.4	2.9	34	2.2	7.1	43	3.2	5.0	59	4.2	8.1	72	6.0	7.3	97	6.6	4.0	58	76	97	3.2	
				2.4	6.1	46	3.4	4.0	63	4.6	5.9	79	6.3	5.6	104							
				2.5	6.1	49	3.5	3.3	66	4.39	4.0	86	6.7	4.3	112							
B3 - P31A	1.0	9.0	25	2.0	10.4	41	2.4	11.6	48	3.1	15.6	56	4.2	17.1	73	1.4	0.7	10	13	17	3.0	
	1.1	7.8	30	2.1	9.3	45	2.5	10.4	51	3.2	14.6	59	4.6	15.0	80	2.5	1.5	13	15	20	3.7	
	1.3	6.6	32	2.2	8.2	48	2.7	9.4	54	3.4	13.7	62	4.9	12.8	87	3.2	2.0	13	17	22	4.0	
	1.4	5.2	36	2.5	6.1	55	3.0	7.3	61	3.8	10.8	71	5.3	11.0	94	3.8	3.0	15	22	26	4.2	
	1.7	3.1	44	2.8	4.3	62	3.2	5.5	68	4.2	8.25	82	5.6	9.4	103	5.3	4.0	20	25	33	4.8	
	2.0	2.0	50	3.1	3.0	69	3.5	4.1	75	4.9	5.2	98	6.3	7.2	119							
	2.2	1.1	56	3.4	2.0	75	3.8	2.9	81	6.0	2.3	10	7.0	6.1	134							
B3 - P32	1.3	3.9	30	2.1	7.4	40	3.0	6.1	52	3.9	9.4	60	6.3	10.2	78	1.5	0.7	25	33	46	1.8	
	1.4	3.0	33	2.4	5.3	45	3.1	5.3	54	4.2	7.2	67	5.6	8.3	64	2.7	1.5	36	51	69	2.0	
	1.5	2.3	35	2.5	4.4	47	3.2	4.5	57	4.6	5.3	73	6.0	6.6	89	3.2	2.0	13	17	22	4.0	
	1.7	1.8	36	2.7	3.7	50	3.4	3.8	59	4.39	3.8	80	6.3	5.1	98	4.2	3.0	61	74	94	2.1	
	1.8	1.3	41	2.8	3.1	52	3.5	3.2	62							5.6	4.0	64	76	97	2.3	
	2.0	0.95	44	3.0	2.6	55	3.9	1.8	68													
B6 - P32A	1.0	17.0	23	2.0	24.0	44	2.4	28	51	3.4	38	72	3.9	66	75	1.1	0.7	10	13	15	2.4	
	1.1	11.0	27	2.1	16.9	50	2.5	23	59	3.5	33	80	4.2	53	89	2.1	1.5	10	13	17	3.0	
	1.3	7.6	33	2.2	14.4	56	2.7	18.9	66	3.7	28	89	4.6	40	108	2.8	2.0	13	17	22	3.4	
	1.4	3.2	40	2.4	10.6	63	2.8	15.1	74	3.8	23	97	4.9	30	127	36.7	3.0	15	20	28	3.6	
				2.5	7.2	71	3.0	11.7	79	3.9	19.7	105	5.3	21	149	4.9	4.0	20	25	35	4.0	
B5 - P33	1.1	11.2	54	2.1	18.0	79	2.7	19.6	93	3.5	27	112	4.6	33	137	1.4	0.7	15	18	20	3.0	
	1.3	8.5	60	2.2	16.8	84	2.8	17.3	96	3.7	25	116	4.9	26	149	2.4	1.5	23	28	33	3.2	
	1.4	6.5	66	2.4	1.36	89	3.0	15.2	103	3.8	23	121	5.3	24	161	3.0	2.0	25	33	46	3.4	
	1.5	5.0	71	2.5	11.6	95	3.1	13.2	109	3.9	19.7	105	5.3	21	149	4.9	4.0	20	25	35	4.0	
	1.7	3.8	77				3.2	11.4	114	4.1	18.9	132	6.0	15.7	187	5.3	4.0	33	41	46	4.0	
B6 - P33	0.85	27.0	33	1.8	38	55	2.4	39	67	3.2	58	76	4.6	59	106	1.1	0.7	18	23	30	3.4	
	1.0	20.0	36	2.1	28	66	2.7	30	7	3.6	47	87	5.3	40	132	2.4	1.5	23	30	41	3.5	
	1.1	15.9	45	2.2	24	71	3.0	24	87	3.8	38	97	5.6	32	145	3.2	2.0	25	33	43	3.7	
	1.3	12.5	46	2.4	21	76	3.2	17.6	96	3.9	34	103	6.0	26	158	3.9	3.0	30	36	48	3.8	
	1.4	10.2	56	2.5	17.8	82	3.4	15.1	103	4.2	27	113	6.3	20	172	6.0	4.0	33	41	51	4.4	
	1.5	7.6	62	2.7	15.1	87	3.5	12.9	109	4.6	20	126	6.7	15.9	185							
							3.7	10.6	114	4.9	14.8	140	7.0	12.7	198							
B8 - P34	1.0	29.0	90	1.8	56	117	2.1	100	119	3.0	126	140	4.1	140	181	1.0	0.7	18	20	25	3.4	
	1.1	18.9	108	2.0	40	133	2.2	789	133	3.1	110	151	4.2	125	193	1.8	1.5	25	30	43	3.8	
							2.4	62	147	3.2	95	163	4.6	89	225	2.4	2.0	25	30	46	4.3	
							2.5	48	162	3.4	78	184	4.9	56	265	3.4	3.0	33	41	53	4.6	
						2.7	36	177	3.5	62	493	5.3	34	305	4.9	4.0	36	43	56	5.2		



# Air Atomising Flat Spray Internal Mix



B.P.



Spray Set up	Pressure (H2O)															Spray Dimensions						
	0.7 Bar			1.5 Bar			2 Bar			3 Bar			4 Bar									
	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air Pres.	H2O l/h	Air l/min	Air bar	H2O l/h	15 cm	25 cm	40 cm	D m	
B6 - P32A	1.0	17.0	23	2.0	24.0	44	2.4	28	51	3.4	38	72	3.9	66	75	1.1	0.7	10	13	15	2.4	
	1.1	11.0	27	2.1	16.9	50	2.5	23	59	3.5	33	80	4.2	53	89	2.1	1.5	10	13	17	3.0	
	1.3	7.6	33	2.2	14.4	56	2.7	18.9	66	3.7	28	89	4.6	40	108	2.8	2.0	13	17	22	3.4	
	1.4	3.2	40	2.4	10.6	63	2.8	15.1	74	3.8	23	97	4.9	30	127	36.7	3.0	15	20	28	3.6	
				2.5	7.2	71	3.0	11.7	79	3.9	19.7	105	5.3	21	149	4.9	4.0	20	25	35	4.0	
											4.2	1.31	120	5.6	13.8	173						
B5 - P33	1.1	11.2	54	2.1	18.0	79	2.7	19.6	93	3.5	27	112	4.6	33	137	1.4	0.7	15	18	20	3.0	
	1.3	8.5	60	2.2	16.8	84	2.8	17.3	96	3.7	25	116	4.9	26	149	2.4	1.5	23	28	33	3.2	
	1.4	6.5	66	2.4	1.36	89	3.0	15.2	103	3.8	23	121	5.3	24	161	3.0	2.0	25	33	46	3.4	
	1.5	5.0	71	2.5	11.6	95	3.1	13.2	109	3.9	19.7	105	5.3	21	149	4.9	4.0	20	25	35	4.0	
	1.7	3.8	77				3.2	11.4	114	4.1	18.9	132	6.0	15.7	187	5.3	4.0	33	41	46	4.0	
B6 - P33	0.85	27.0	33	1.8	38	55	2.4	39	67	3.2	58	76	4.6	59	106	1.1	0.7	18	23	30	3.4	
	1.0	20.0	36	2.1	28	66	2.7	30	7	3.6	47	87	5.3	40	132	2.4	1.5	23	30	41	3.5	
	1.1	15.9	45	2.2	24	71	3.0	24	87	3.8	38	97	5.6	32	145	3.2	2.0	25	33	43	3.7	
	1.3	12.5	46	2.4	21	76	3.2	17.6	96	3.9	34	103	6.0	26	158	3.9	3.0	30	36	48	3.8	
	1.4	10.2	56	2.5	17.8	82	3.4	15.1	103	4.2	27	113	6.3	20	172	6.0	4.0	33	41	51	4.4	
	1.5	7.6	62	2.7	15.1	87	3.5	12.9	109	4.6	20	126	6.7	15.9	185							
							3.7	10.6	114	4.9	14.8	140	7.0	12.7	198							
B8 - P34	1.0	29.0	90	1.8	56	117	2.1	100	119	3.0	126	140	4.1	140	181	1.0	0.7	18	20	25	3.4	
	1.1	18.9	108	2.0	40	133	2.2	789	133	3.1	110	151	4.2	125	193	1.8	1.5	25	30	43	3.8	
							2.4	62	147	3.2	95	163	4.6	89	225	2.4	2.0	25	30	46	4.3	
							2.5	48	162	3.4	78	184	4.9	56	265	3.4	3.0	33	41	53	4.6	
							2.7	36	177	3.5	62	493	5.3	34	305	4.9	4.0	36	43	56	5.2	
											3.7	48	210	5.6	16.7	340						
										3.8	37	225										

