



Boyuan Spraying

Air Atomizing

46



Performance State

• Flat Fan Spray(Siphon)

At the stated pressure in bar.

Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Orifice (mm)	Atomizing Air		Liquid Capacity (liters per hour)*								Spray Dimensions at 20cm Siphon Height				
			Air Press.	Air Capacity L/min	Gravity Head (cm)			Siphon Height (cm)					Air*	A (cm)	B (cm)	C (cm)	D (m)
					45	30	15	10	20	30	60	90					
SUF1	Fluid Cap 2850 + Air Cap 73420	0.7	0.7	28	1.3	1.2	1.1	1.0	0.95	0.83	0.64	0.49	0.7	20	26	38	2.1
			1.5	43	1.2	1.1	1.0	0.9	0.86	0.78	0.66	0.54	1.5	21	29	38	2.1
			2.0	50	0.82	0.76	0.68	0.57	0.50	-	-	-	2.0	23	30	38	1.8
SUF2C	Fluid Cap 35100 + Air Cap 120432	0.8	1.5	56	3.7	3.5	3.3	2.9	2.8	2.5	2.3	2.1	1.5	23	32	38	2.7
			2.0	65	3.4	3.3	3.1	2.8	2.7	2.6	2.4	2.2	2.0	24	34	42	2.7
			3.0	87	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	3.0	27	37	46	3.0
			4.0	110	1.9	1.8	1.6	1.5	1.3	1.2	-	-	4.0	28	39	48	2.7
SUF3B	Fluid Cap 40100 + Air Cap 122435	1.0	1.5	68	5.1	4.8	4.5	3.8	3.7	3.5	3.0	2.4	1.5	19	23	27	3.4
			2.0	78	4.9	4.7	4.4	3.6	3.4	3.2	2.9	2.3	2.0	20	25	28	3.4
			3.0	103	3.4	3.2	3.0	2.2	2.0	1.7	-	-	3.0	22	27	30	3.0
			3.5	117	2.2	2.0	1.7	-	-	-	-	-					
SUF4B	Fluid Cap 40100 + Air Cap 122440	1.0	1.5	63	7.6	7.2	6.6	5.7	5.4	5.1	4.6	3.7	1.5	17	22	27	3.4
			2.0	73	7.6	7.3	6.8	5.9	5.7	5.5	5.0	4.2	2.0	18	23	29	3.4
			3.0	96	6.4	6.1	5.7	5.0	4.5	4.1	3.3	-	3.0	20	27	33	3.4
			3.5	110	4.2	3.7	3.2	2.6	-	-	-	-					