XA PF Set-Up Flow Rates and Dimensions

Pressure Fed, Internal Mix, Round Spray Pattern, 1/8" and 1/4" Pipe Sizes, BSP or NPT

Pipe Size	Spray Set-up Number	Fluid and Air Cap Numbers	10 PSI Liquid			20 PSI Liquid			30 PSI Liquid			40 PSI Liquid			60 PSI Liquid			Spray Dimensions					
			PSI air	GPH	SCFM	PSI air	GPH	SCFM	PSI air	GPH	SCFM	PSI air	GPH	SCFM	PSI air	GPH	SCFM	PSI air	PSI liquid	A (in.)	B (in.)	C (in.)	D (feet)
1/8 OR 1/4	PF 050	Fluid Cap FC4 & Air Cap AC1301	10 12 14 16 18 20 22	**1.4** **1.3** **1.1** **0.9** **0.8** **0.7** **0.5**	0.8 1.0 1.1 1.2 1.3 1.4 1.6	18 22 26 30 34 38 40	2.2 **1.8** **1.5** **1.2** **0.9** **0.7** **0.6**	1.5 1.6 1.8 2.0 2.2 2.4 2.7	28 32 36 40 44 48 55	**2.5** **2.2** **1.9** **1.6** **1.3** **1.0** 0.7	1.5 1.6 1.8 2.0 2.2 ~~2.4~~ 2.7	38 42 46 50 60 65 70	2.8 **2.5** **2.2** **1.9** **1.3** **0.9** **0.7**	1.8 2.0 2.2 2.4 2.8 3.0 3.3	55 65 75 85 90 95 100	**3.4** **2.8** **2.3** **1.7** **1.4** **1.1** **0.9**	2.4 2.9 3.3 3.7 3.9 4.1 4.3	16 30 40 50 85	10 20 30 40 60	10 14 14 18 22	14 20 20 24 28	18 26 30 34 36	8 9 10 11 13
	PF 100	Fluid Cap FC3 & Air Cap AC1303	20 22 24 26 28	**0.8** **0.6** **0.5** **0.4** **0.3**	1.2 1.3 1.4 1.5 1.6	34 36 38 40 42 44	1.1 **0.9** **0.7** **0.6** **0.5** **0.4**	1.6 1.7 1.8 1.9 2.0 2.1	44 46 48 50 55	**1.8** **1.6** **1.4** **1.1** **0.7**	1.9 1.9 2.0 2.1 2.4	60 65 70	**1.6** **1.2** **0.8**	2.4 2.6 2.9	80 85 90	2.7 **2.2** **1.8**	2.9 3.1 3.4	22 38 46 60 80	10 20 30 40 60	10 14 23 24 25	14 20 28 28 30	18 28 36 37 38	6 6 7 7 8
	PF 150	Fluid Cap FC3 & Air Cap AC1301	12 14 16 18 20	**2.2** **1.8** **1.5** **1.1** **0.8**	0.7 0.8 1.0 1.1 1.2	20 24 28 30 32 34 36	**3.4** **2.7** **2.1** **1.8** **1.4** **1.2** **0.9**	1.0 1.1 1.3 1.5 1.6 1.7 1.8	30 34 38 42 46 48 50	4.0 **3.4** **2.9** **2.3** **1.7** **1.4** **1.2**	1.3 1.5 1.6 1.9 2.1 2.2 2.3	38 42 46 50 60 65 70	4.7 **4.1** **3.6** **3.1** **1.8** **1.2** 0.8	1.5 1.7 1.9 2.1 2.6 2.8 3.1	65 70 75 80 85 90 95	4.8 **4.2** **3.6** **3.1** **2.5** **2.0** 1.6	2.4 2.6 2.9 3.1 3.4 3.6 3.9	16 30 42 50 80	10 20 30 40 60	14 16 20 22 23	18 24 26 28 30	28 32 35 38 38	7 8 8 9 10
	PF 200	Fluid Cap FC3 & Air Cap AC1302	14 16 18 20 24 28 32	**2.4** **2.1** **1.7** **1.4** **0.8** **0.5** **0.3**	0.9 1.1 1.1 1.3 1.5 1.8 2.0	22 26 30 34 38 42 48	3.2 **2.8** **2.1** **1.5** **1.2** **0.7** **0.4**	1.1 1.4 1.6 1.9 2.1 2.4 2.7	34 38 42 46 50 60 70	3.4 **2.9** **2.3** **1.8** **1.4** **0.6** **0.3**	1.6 1.9 2.1 2.4 2.6 3.2 3.7	40 44 48 54 60 70 85	**4.4** **3.8** **3.3** **2.6** **1.9** **1.1** 0.4	1.8 2.0 2.2 2.6 3.0 3.5 4.3	60 65 70 75 80 90 100	5.0 **4.4** **3.9** **3.4** **3.0** **2.3** 2.0	2.5 2.7 3.0 3.3 3.6 4.1 4.7	20 34 46 54 75	10 20 30 40 60	4 5 5 6 8	5 6 7 9 10	7 8 9 11 12	10 12 13 14 16
	PF 250	Fluid Cap FC2 & Air Cap AC1304	16 18 20 24	**3.0** **2.3** **1.7** **1.3** **1.0**	1.9 2.1 2.3 2.5 2.7	28 30 32 34 36	4.5 **3.9** **3.3** **2.8** **2.3**	2.7 2.8 3.0 3.2 3.4	38 40 42 44 46 48	5.9 **5.4** **4.9** **4.3** **3.8** **3.3**	3.2 3.4 3.6 3.7 3.9 4.1	46 50 52 54 56 58 60	7.5 **6.5** **5.9** **5.4** **4.9** **4.3** **3.8**	3.7 4.0 4.2 4.3 4.5 4.7 4.9	65 70 72 80 85 90	9.7 **8.6** **8.0** **6.4** **5.3** **4.3**	4.8 5.2 5.6 6.0 6.5 7.0	20 32 42 54 75	10 20 30 40 60	6 9 10 12 13	7 11 13 15 16	8 12 18 18 19	9 10 11 12 13
	PF 300	Fluid Cap FC1 & Air Cap AC1304	12 14 16 18 20 22	**7.0** **5.4** **4.2** **3.3** **2.7** **2.0**	1.2 1.4 1.6 1.7 2.0 2.2	22 26 30 32 34 36 38	11.5 **8.3** **6.0** **5.1** **4.3** **3.6** **3.0**	1.7 2.0 2.4 2.6 2.8 3.0 3.2	34 38 42 46 48 50 52	**12.4** **9.8** **7.8** **5.9** **5.0** **4.3** **3.7**	2.2 2.6 3.0 3.3 3.5 3.7 3.9	46 50 54 56 60 65 70	13.7 **10.9** **8.7** **7.8** **6.4** **4.6** 3.3	2.8 3.1 3.5 3.7 4.1 4.5 5.0	65 75 80 85 90 95 100	18.3 **12.6** **10.6** **8.7** **6.9** **5.5** 4.5	3.6 4.5 5.0 5.4 5.9 6.3 6.8	16 32 46 56 85	10 20 30 40 60	7 9 10 12 13	9 12 13 15 16	12 14 16 19 20	10 11 12 12 14
	PF 350	Fluid Cap FC1 & Air Cap AC1305	14 16 18 20	**4.5** **2.9** **2.0** **0.8**	0.8 1.0 1.2 1.4	24 26 28 30 32 34 36	7.5 **6.0** **4.5** **3.4** **2.4** **1.3** **0.8**	1.2 1.4 1.7 1.8 2.1 2.3 2.6	34 36 38 40 42 46 50	9.5 **7.8** **6.5** **5.2** **4.1** **2.6** **1.1**	1.7 2.0 2.2 2.5 2.7 3.3 3.7	44 46 48 52 56 60 65	11.1 **9.7** **8.4** **5.7** **3.9** **2.4** **1.1**	2.2 2.5 2.7 3.3 3.8 4.4 5.0	56 60 65 70 80 90 95	19.8 **16.7** **13.5** **9.7** **4.8** **1.8** 0.7	2.6 3.0 3.5 4.3 5.7 7.4 8.4	16 30 40 52 70	10 20 30 40 60	4 4 5 6 8	5 5 7 8 10	6 7 9 11 12	8 10 11 12 13
	PF 400	Fluid Cap FC5 & Air Cap AC1306	14 16	**7.7** **5.0**	3.2 3.8	26 28	**10.5** **7.0**	4.6 5.2	34 36 38 40 42	20.8 **16.6** **12.8** **9.5** **6.7**	4.8 5.3 5.8 6.4 6.9	42 44 46 48 50 52	29.4 **25.1** **20.8** **16.7** **13.1** **10.1** **7.3**	5.2 5.6 6.1 6.6 7.2 7.8 8.3	58 60 65 70 75 80	**44.7** **41.0** **31.4** **22.5** **15.0** **8.7**	6.1 6.4 7.5 8.8 10.1 11.5	14 26 38 48 70	10 20 30 40 60	7 10 10 12 14	8 12 12 16 17	10 16 18 20 23	11 12 14 15 16

Standard Materials: Nickel Plated Brass, 303 Stainless Steel and 316 Stainless Steel. See chart on page 17 for complete list