AD

1/2" XA AD Set-Up Flow Rates and Dimensions

Pressure Fed, Internal Mix, Wide Angle Round Spray Pattern, 1/2" Pipe Sizes

Pipe Size	Spray Set-up Number	Fluid and Air Cap Numbers	5 PSI Liquid			15 PSI Liquid			25 PSI Liquid			35 PSI Liquid			55 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)
1/2	AD 5050	Fluid Cap FC501 & Air Cap AC5601							28	**33.0**	8.40	40	**28.8**	11.3	58	**66.0**	12.2	30	25	13.5	19.0	26.5	22
									30	**19.8**	10.8	42	**15.6**	13.9	60	**42.0**	15.0	40	35	13.5	19.0	26.5	24
															62	**25.5**	18.2	60	55	14.0	19.5	27.0	28
	AD 5100	Fluid Cap FC501 & Air Cap AC5602	8	**27.0**	6.50	18	**42.0**	7.00	32	**47.0**	11.0	46	**42.6**	18.1	70	**81.0**	30.0	10	5.0	13.0	18.5	25.5	20
			10	**15.0**	8.20	20	**29.4**	8.80	34	**36.0**	12.8	48	**32.4**	20.2	75	**45.0**	35.0	20	15	13.5	19.0	25.5	26
			12	**8.4**	9.80	22	**20.2**	10.5	36	**25.2**	14.7	50	**25.8**	22.2	80	**22.2**	39.6	36	25	13.0	18.5	26.5	21
						24	**14.4**	12.2	38	**18.6**	16.6	52	**19.8**	24.0				50	35	13.5	19.0	26.5	24
									40	**13.8**	18.6	54	**15.6**	25.8				75	55	14.0	19.0	27.0	27
	AD 5150	Fluid Cap FC501 & Air Cap AC5603	10	**34.2**	11.4	26	**46.2**	20.2	40	**62.6**	27.5	54	**75.6**	32.6	75	**127**	39.0	12	5.0	14.0	19.5	27.0	26
			12	**21.6**	13.0	28	**37.2**	22.0	42	**52.8**	29.6	56	**57.0**	34.3	80	**108**	42.0	30	15	13.5	19.0	26.5	24
			14	**12.0**	14.7	30	**28.4**	23.7	44	**42.0**	31.6	58	**46.8**	35.8	85	**98**	46.0	46	25	13.0	18.5	26.0	23
						32	**21.6**	25.3	46	**33.6**	33.6	60	**39.0**	37.3				60	35	14.0	19.5	27.0	28
						34	**16.2**	27.0	48	**25.2**	35.6	62	**33.0**	38.8				80	55	14.0	19.5	28.0	30
									50	**18.0**	37.5	65	**25.8**	41.2									
	AD 5200	Fluid Cap FC502 & Air Cap AC5604	10	**35.4**	11.1	18	**103**	15.4	26	**155**	17.7	36	**180**	23.0	54	**222**	29.1	10	5.0	13.0	25.0	36.0	11
			12	**26.4**	13.4	20	**81.6**	17.6	28	**135**	20.0	38	**162**	25.4	56	**204**	31.2	20	15	11.0	26.0	36.0	16
						22	**63.6**	19.8	30	**115**	22.5	40	**147**	27.8	58	**192**	34.0	32	25	11.0	22.0	32.0	20
						24	**49.3**	22.6	32	**100**	25.1	42	**131**	30.2	60	**180**	36.3	44	35	11.0	21.0	29.0	22
									34	**84.0**	27.5	44	**116**	32.6	62	**166**	38.9	64	55	11.0	22.0	31.0	25
									36	**69.5**	30.0	46	**101**	35.1	64	**154**	41.6						
									38	**56.4**	32.6	48	**85.0**	37.6	66	**142**	44.1						
									40	**45.7**	35.3	50	**75.0**	40.2	68	**130**	46.6						
												52	**62.4**	42.7	70	**119**	49.3						
															72	**108**	51.6						
															74	**97.4**	54.2						
															76	**87.5**	57.1						

PR

1/2" XA PR Set-Up Flow Rates and Dimensions

Pressure Fed, Internal Mix Spray Pattern, 1/2" Pipe Sizes

Pipe Size	Spray Set-up Number	Fluid and Air Cap Numbers	5 PSI Liquid			15 PSI Liquid			25 PSI Liquid			35 PSI Liquid			55 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)
1/2	PR 5050	Fluid Cap FC501 & Air Cap AC5501	18	**9.00**	12.4	28	**31.7**	14.9	38	**58.0**	17.3	48	**80.0**	19.3				20	5.0				22
			20	**6.70**	13.7	32	**22.5**	17.0	44	**37.7**	20.8	54	**55.2**	23.6				36	15				24
			22	**5.40**	14.7	38	**15.9**	19.3	50	**24.7**	24.8	60	**40.0**	27.5				50	25	3.5	6.5	10	27
			24	**4.10**	15.7	36	**13.2**	20.4	54	**19.5**	27.5	66	**30.0**	32.1				60	35				30
						40	**11.1**	21.5	58	**16.0**	30.2	72	**23.3**	37.0									
						42	**9.20**	22.6	60	**14.5**	31.8	78	**18.3**	42.2									
	PR 5100	Fluid Cap FC502 & Air Cap AC5502	10	**35.4**	11.1	18	**103**	15.4	26	**155**	17.7	36	**180**	23.0	54	**222**	29.1	10	5.0	4.0	7.0	9.0	23
			12	**26.4**	13.4	20	**81.6**	17.6	28	**135**	20.0	36	**162**	25.4	56	**205**	31.2	20	15	6.0	10	13	21
						22	**63.6**	19.8	30	**115**	22.5	40	**147**	27.8	58	**190**	34.0	32	25	5.0	8.0	10	37
						24	**49.3**	22.6	32	**100**	25.1	42	**131**	30.2	60	**178**	36.3	44	35	4.0	7.0	10	41
									34	**84.0**	27.5	44	**116**	32.6	62	**166**	38.9	64	55	4.0	7.0	10	47
									36	**69.5**	30.0	48	**101**	35.1	64	**154**	41.6						
									38	**56.4**	32.6	48	**85.0**	37.6	66	**142**	44.1						
									40	**45.7**	35.3	50	**73.0**	40.2	68	**130**	46.6						
												52	**62.4**	42.7	70	**119**	49.3						
															72	**108**	51.6						
															74	**97.4**	54.2						
															76	**87.5**	57.1						

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