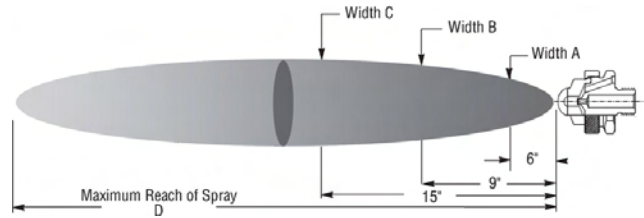


1/2 XA



Air Atomizing

Dimensions are approximate. Check with BETE for critical dimension applications.

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	liquid	A (in.)	B (in.)	C (in.)	D (feet)
1/2	AD 5050	Fluid Cap FC 501 & Air Cap AC 5601							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 FC 501 & Air Cap AC 5602	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 FC 501 & Air Cap AC 5603	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 FC 501 & Air Cap AC 5604	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			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	72	108	51.6										
								74	97.4	54.2	74	97.4	54.2										
								76	87.5	57.1	76	87.5	57.1										

PR 1/2" XA PR Set-up Flow Rates and Dimensions Pressure-fed Internal Mix 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	liquid	A (in.)	B (in.)	C (in.)	D (feet)	
1/2	PR 5050	Fluid Cap FC 501 & Air Cap AC 5501	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 FC 502 & Air Cap AC 5502	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			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	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	73.0	40.2	68	130	46.6													
						52	62.4	42.7	70	119	49.3													
						72	108	51.6	72	108	51.6													
						74	97.4	54.2	74	97.4	54.2													
						76	87.5	57.1	76	87.5	57.1													

Standard Materials: Nickel Plated Brass, 303 Stainless Steel and 316 Stainless Steel.

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

