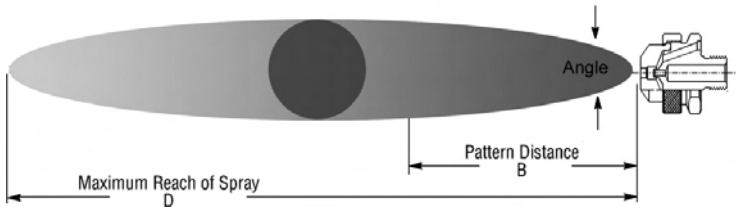


XAPR

Pressure-fed/Int. Mix/Narrow Angle Round

DESIGN/SPRAY CHARACTERISTICS

- Internal mix
- Full cone pattern
- Finest atomization
- Large forward projection (up to 28 feet)
- Narrow spray angle (12°- 22°)



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

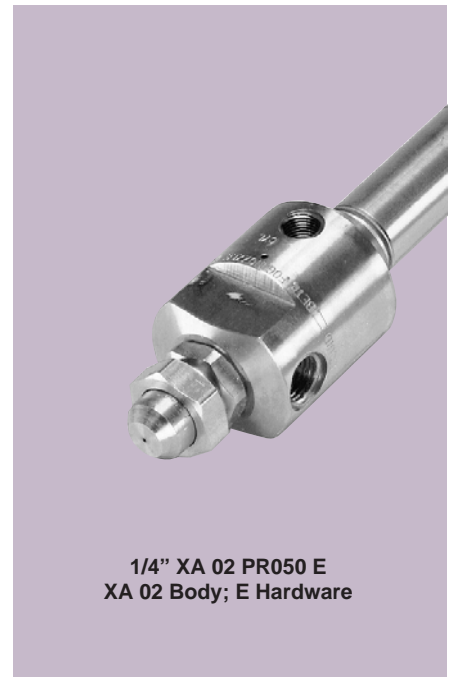
XA PR Set-up Flow Rates and Dimensions

Pressure-fed, Internal Mix, Round Spray Pattern, 1/8" and 1/4" Pipe Sizes

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	air PSI	liquid PSI	Angle deg.	"B" in.	"D" feet	
1/8	PR 050	Fluid Cap FC4 & Air Cap AC1501	10	0.7	0.6	14	1.5	0.4	24	1.7	0.6	32	1.9	0.7	50	2.3	1.0						
			12	0.5	0.7	18	1.2	0.5	28	1.4	0.6	36	1.6	0.8	54	2.1	1.1	12	10	13	12	9'0	
			14	0.4	0.8	22	1.0	0.6	32	1.1	0.8	40	1.3	0.9	58	1.8	1.2	24	20	13	13	10'0	
						24	0.9	0.7	36	0.8	1.0	44	1.1	1.1	62	1.6	1.4	36	30	13	14	11'0	
						26	0.7	0.8	38	0.7	1.0	48	0.9	1.2	66	1.3	1.5	44	40	14	16	12'0	
						28	0.6	0.8	40	0.7	1.1	50	0.7	1.3	68	1.2	1.6	62	60	15	18	14'0	
				30	0.5	0.9	42	0.5	1.2	52	0.7	1.4	70	1.1	1.7								
		PR 100	Fluid Cap FC4 & Air Cap AC1502	10	0.7	0.7	18	1.4	0.9	24	2.0	1.0	30	2.4	1.1	40	3.3	1.4					
	12			0.5	0.8	20	1.3	1.0	28	1.7	1.2	34	2.2	1.3	46	2.9	1.5	12	10	12	17	12'0	
	14			0.4	0.9	22	1.2	1.1	32	1.4	1.4	38	1.9	1.5	52	2.6	1.8	20	20	13	18	13'0	
						24	1.1	1.2	34	1.3	1.5	42	1.6	1.7	58	2.3	2.1	34	30	13	19	14'0	
						26	0.9	1.3	36	1.2	1.6	44	1.5	1.8	62	2.1	2.3	42	40	13	20	15'0	
					38	1.1	1.7	46	1.1	1.7	46	1.4	1.9	66	1.9	2.5	58	60	15	22	17'0		
			40	1.0	1.8	48	1.0	1.8	48	1.3	2.0	70	1.7	2.7									
OR	PR 150	Fluid Cap FC3 & Air Cap AC1502	12	1.3	0.7	22	2.2	1.1	30	2.9	1.2	36	4.3	1.3	48	5.8	1.5						
			16	1.1	0.9	26	1.7	1.3	34	2.5	1.4	40	3.9	1.4	52	5.3	1.7	22	10	12	19	13'0	
			20	0.9	1.2	30	1.4	1.5	38	2.1	1.7	44	3.6	1.6	56	4.9	1.7	34	20	13	20	14'0	
			22	0.8	1.3	34	1.3	1.7	42	1.7	1.9	48	2.8	1.8	60	4.6	1.9	42	30	13	21	15'0	
			24	0.8	1.4	38	1.1	1.9	46	1.5	2.0	52	2.5	2.0	64	4.1	2.1	48	40	14	22	16'0	
			26	0.8	1.4	40	1.0	2.0	50	1.2	2.3	56	2.2	2.2	68	3.7	2.3	60	60	15	24	17'0	
				28	0.8	1.6	42	0.9	2.0	52	1.2	2.4	60	1.8	2.4								
	PR 200	Fluid Cap FC2 & Air Cap AC1503	16	3.4	2.7	28	5.0	3.7	40	6.1	4.7	48	7.8	5.3	65	10.7	6.7						
			20	2.4	3.2	32	3.7	4.2	44	5.0	5.2	55	6.0	6.1	75	8.7	7.7	24	10	18	26	16'0	
			22	1.9	3.5	36	2.6	4.7	48	4.0	5.7	65	3.6	7.3	80	7.7	8.3	40	20	20	30	20'0	
			24	1.5	3.7	40	1.9	5.1	55	2.3	6.5	75	2.0	8.5	85	6.7	8.8	55	30	20	32	22'0	
			26	1.2	4.0	44	1.3	5.6	60	1.6	7.1	80	1.4	9.1	90	5.6	9.4	75	40	21	36	26'0	
28			1.0	4.2	48	0.9	6.1	65	1.1	7.8	85	1.0	9.7	95	4.6	10.0	85	60	21	38	28'0		
			30	0.7	4.5	50	0.8	6.4	70	0.7	8.4	90	0.7	10.3	100	3.6	10.6						
1/4	PR 250	Fluid Cap FC1 & Air Cap AC1503	12	8.1	2.0	20	13.6	2.6	30	16.3	3.3	38	19.5	3.7	54	25.7	4.7						
			14	6.6	2.3	22	12.0	2.9	34	13.1	3.8	42	16.5	4.2	60	21.8	5.3	14	10	17	24	16'0	
			16	4.9	2.7	24	10.2	3.2	38	9.9	4.3	46	13.6	4.7	65	18.5	6.0	26	20	18	27	18'0	
			18	3.4	3.0	26	8.6	3.5	40	8.7	4.6	50	10.8	5.3	70	15.2	6.7	40	30	20	30	22'0	
						28	7.2	3.8	42	7.6	4.9	52	9.6	5.6	75	12.2	7.8	50	40	20	31	23'0	
						30	5.9	4.1	44	6.6	5.2	54	8.6	5.9	80	10.0	8.1	70	60	21	36	25'0	
				32	4.6	4.4	46	5.6	5.5	56	7.6	6.1	85	8.0	8.9								
	PR 300	Fluid Cap FC5 & Air Cap AC1504	14	11.7	3.1	20	27.5	3.0	28	36.6	3.6	32	49.4	3.3	42	70.6	3.2						
			16	8.5	3.6	22	23.0	3.5	30	32.6	4.0	36	42.2	4.1	46	65.0	3.9	14	10	19	35	20'0	
						24	18.0	4.0	32	28.7	4.4	40	35.1	4.9	50	59.0	4.6	24	20	20	39	23'0	
						26	14.4	4.4	34	24.8	4.8	44	28.0	5.7	54	53.2	5.4	34	30	21	41	25'0	
						28	11.3	4.9	36	20.9	5.2	46	24.5	6.1	58	47.4	6.2	44	40	21	42	26'0	
					38	17.5	5.6	48	17.5	5.6	48	21.0	6.5	65	37.8	7.5	54	60	22	46	28'0		
			40	14.6	6.0	50	14.6	6.0	50	18.4	6.9	70	30.0	8.6									

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.



1/4" XA 02 PR050 E
XA 02 Body; E Hardware

AIR ATOMIZING

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