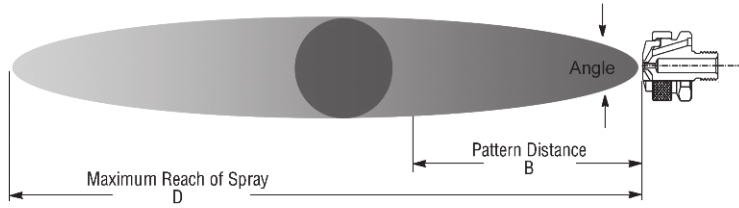


XASR

Siphon-fed Round

DESIGN FEATURES

- Lowest flow available
- Very fine atomization
- Narrow spray angle (12°- 22°)
- Full cone pattern
- Short to moderate forward spray projection



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



1/4" XASR 200 B
XA 00 Body; B Hardware

AIR ATOMIZING

XA SR Set-up Flow Rates and Dimensions

Siphon-fed, External Mix, Round Spray Pattern, 1/8" and 1/4" Pipe Sizes

Pipe Size	Spray Set-up Number	Fluid and Air Cap Numbers	ATOMIZING AIR		Liquid Capacity in GPH (Gallons Per Hour)								Spray Dimensions at 8" Siphon Height			
			PSI air	Air Capacity SCFM	Gravity Head			Siphon Height					PSI air	Angle deg.	B in.	D feet
					18"	12"	6"	4"	8"	12"	24"	36"				
1/8 or 1/4	SR 050	Fluid Cap FC7 & Air Cap AC1201	10	0.4	0.4	0.4	0.3	0.2	0.2	0.1			10	18	11	6
			20	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.1		20	18	11	6
			40	1.0	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.2	40	18	12	7
			60	1.3	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.2	60	18	14	8
	SR 150	Fluid Cap FC4 & Air Cap AC1201	10	0.5	0.6	0.6	0.5	0.4	0.3	0.2			10	18	12	7
			20	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.2	0.1	20	18	13	8
			40	1.1	0.9	0.8	0.8	0.7	0.7	0.6	0.4	0.3	40	18	15	9
			60	1.5	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.4	60	19	17	10
	SR 200	Fluid Cap FC4 & Air Cap AC1202	10	0.8	0.7	0.6	0.5	0.4	0.4	0.3			10	18	12	8
			20	1.2	0.8	0.7	0.6	0.6	0.5	0.4	0.2		20	18	13	9
			40	1.9	0.9	0.9	0.8	0.8	0.7	0.7	0.5	0.3	40	19	15	11
			60	2.7	1.0	1.0	0.9	0.9	0.9	0.8	0.7	0.6	60	20	17	12
SR 250	Fluid Cap FC3 & Air Cap AC1202	10	0.7	1.2	1.1	0.9	0.6	0.5	0.4			10	21	15	10	
		20	1.0	1.4	1.3	1.1	0.9	0.8	0.7	0.5		20	21	16	11	
		40	1.7	1.6	1.5	1.3	1.2	1.1	0.9	0.6	0.3	40	21	18	12	
		60	2.4	1.5	1.4	1.3	1.1	1.0	0.9	0.7	0.5	60	22	20	14	
SR 400	Fluid Cap FC1 & Air Cap AC1204	20	1.9	5.8	5.2	4.2	3.1	2.7	1.9	0.6		20	17	18	12	
		40	3.0	6.5	6.0	5.1	4.3	3.7	3.0	1.7	0.7	40	18	20	13	
		60	4.1	6.8	6.4	5.6	4.9	4.2	3.5	2.2	1.3	60	18	21	15	
		80	5.2	6.8	6.4	5.8	5.2	4.5	3.9	2.6	1.6	80	19	23	16	
SR 450	Fluid Cap FC5 & Air Cap AC1205	30	5.3				7.2	6.0	4.6			30	20	20	22	
		40	6.5				7.8	6.8	5.3			40	20	21	23	
		60	8.8	11.6	11.4	10.6	8.3	7.4	6.2	3.2		60	21	23	25	
		80	11.1		11.0	10.3	8.3	7.5	6.4	3.6	2.2	80	22	25	27	

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.

TO ORDER: specify pipe size, body style, spray set-up #, hardware and mounting assemblies, and material. See page 74.