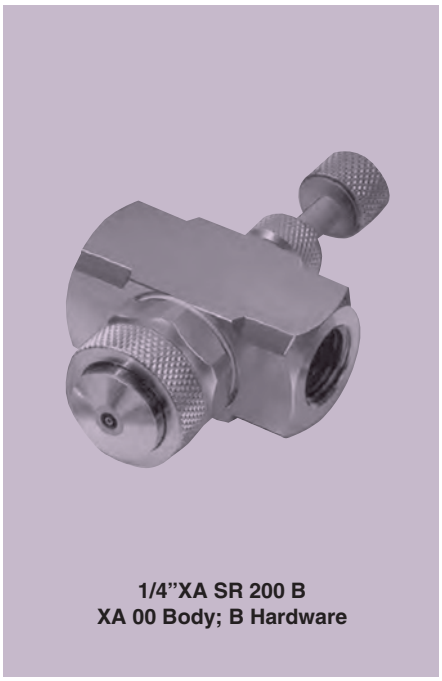
XA SR

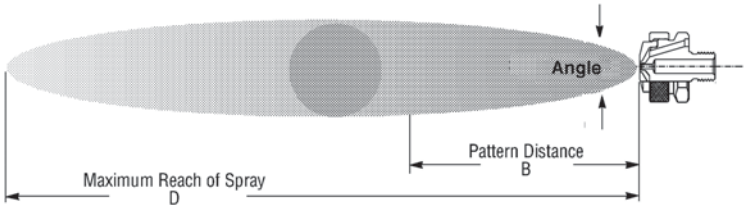
Siphon-fed Round



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

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.

XA SR Set-up Flow Rates and Dimensions

Siphon-fed, External 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	ATOMIZING AIR Air (bar)	ATOMIZING AIR Air Capacity (Nm^3/h)	Liquid Capacity in l/h (Liters Per Hour) Gravity Head 450 mm	Gravity Head **300 mm**	Gravity Head 150 mm	Siphon Height 100 mm	Siphon Height 200 mm	Siphon Height **300 mm**	Siphon Height 600 mm	Siphon Height 900 mm	Spray Dimensions at 200 mm. Siphon Height Air (bar)	Spray Angle (deg.)	B (mm)	D (m)
1/8 or 1/4	SR 050	Fluid Cap FC7 & Air Cap AC 1201	0.7	0.66	1.5	**1.3**	1.1	0.9	0.7	**0.5**			0.7	18	280	1.8
			1.5	1.02	1.8	**1.7**	1.5	1.3	1.2	**1.1**	0.6		1.5	18	280	1.9
			3.0	1.68	2.1	**1.9**	1.7	1.5	1.4	**1.3**	1.1	0.8	3.0	18	300	2.3
			4.0	2.16	2.2	**2.0**	1.8	1.6	1.5	**1.4**	1.2	0.9	4.0	18	360	2.6
	SR 150	Fluid Cap FC4 & Air Cap AC1201	0.7	0.78	2.4	**2.1**	1.7	1.5	1.2	**0.8**			0.7	18	300	2.1
			1.5	1.20	2.8	**2.6**	2.4	2.1	1.9	**1.6**	0.9		1.5	18	330	2.3
			3.0	1.92	3.4	**3.1**	2.9	2.8	2.6	**2.4**	1.7	1.1	3.0	18	380	2.6
			4.0	2.46	3.7	**3.4**	3.3	3.1	2.9	**2.7**	2.1	1.5	4.0	19	430	3.0
	SR 200	Fluid Cap FC4 & Air Cap AC1202	0.7	1.38	2.5	**2.3**	2.0	1.6	1.4	**1.1**			0.7	18	300	2.4
			1.5	2.16	2.9	**2.8**	2.5	2.2	2.0	**1.7**	0.9		1.5	18	330	2.7
			3.0	3.48	3.4	**3.3**	3.2	2.9	2.8	**2.5**	1.9	1.2	3.0	19	380	3.4
			4.0	4.44	3.7	**3.6**	3.5	3.4	3.3	**3.0**	2.5	2.0	4.0	20	430	4.0
	SR 250	Fluid Cap FC3 & Air Cap AC1202	0.7	1.14	4.5	**4.0**	3.4	21	1.8	**1.4**			0.7	21	380	3.0
			1.5	1.86	5.3	**4.9**	4.4	3.5	2.9	**2.7**	1.8		1.5	21	410	3.4
			3.0	3.00	6.0	**5.6**	5.0	4.4	4.0	**3.4**	2.4	1.2	3.0	21	460	4.0
			4.0	3.90	5.7	**5.4**	5.0	4.2	3.9	**3.5**	2.8	1.9	4.0	22	510	4.6
	SR 400	Fluid Cap FC1 & Air Cap AC 1204	1.5	3.48	22	**19.9**	16.3	12.3	10.5	**8.3**	2.8		1.5	17	460	3.7
			3.0	5.28	25	**23**	19.5	16.7	14.2	**11.5**	6.4	2.8	3.0	18	510	4.3
			4.0	6.66	26	**24**	21	18.4	15.7	**12.9**	7.9	4.5	4.0	18	530	4.9
			5.6	8.82	26	**24**	22	19.7	17	**14.6**	9.8	6.1	5.6	19	580	5.5
	SR 450	Fluid Cap FC5 & Air Cap AC 1205	2.0	8.64				27	22	**16.8**			2.0	20	510	6.7
			3.0	11.4				30	26	**21**			3.0	20	530	7.0
			4.0	14.4		**43**	40	31	28	**23**	11.0		4.0	21	580	7.6
			5.6	18.9	44	**42**	39	31	28	**24**	16.7	8.3	5.6	22	630	8.2

Standard Materials: Nickel-plated Brass, 303 Stainless Steel, and 316 Stainless Steel

TO ORDER: *specify pipe size, body style, spray set-up #, hardware and mounting assemblies, and material. See page 78.*

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