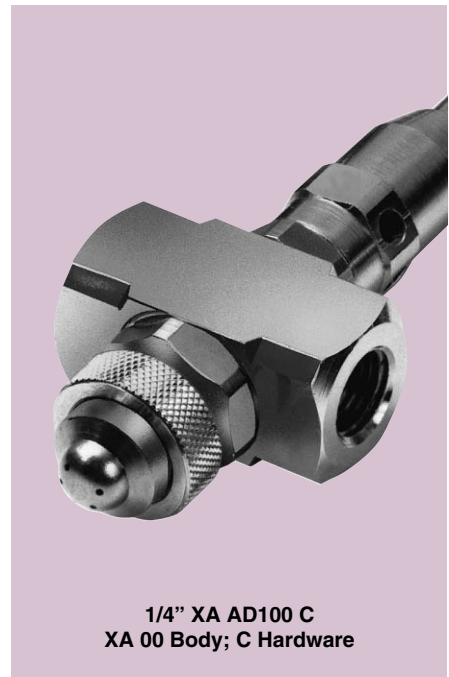
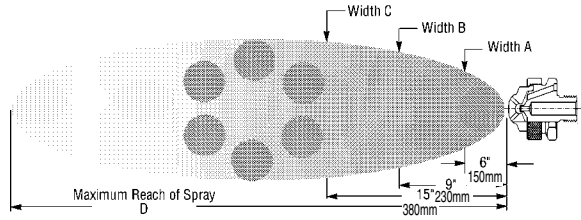


# XAAD

## Pressure-fed/Int. Mix/Wide Angle Round

### DESIGN/SPRAY CHARACTERISTICS

- Internal mix
- Very fine atomization
- 70° Hollow Cone spray pattern
- Moderate forward spray projection



1/4" XA AD100 C  
XA 00 Body; C Hardware

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

### XA AD Set-up Flow Rates and Dimensions

Pressure-fed, Internal Mix, Wide Angle Round Spray Pattern, 1/8" and 1/4" Pipe Sizes, BSP or NP T

Pipe Size	Spray Set-up Number	Fluid and Air Cap Numbers	0.7 Bar Liquid			1.5 Bar Liquid			2.0 Bar Liquid			3.0 Bar Liquid			4.0 Bar Liquid			Spray Dimensions						
			Air (bar)	l/h	Nm <sup>3</sup> /h	Air (bar)	l/h	Nm <sup>3</sup> /h	Air (bar)	l/h	Nm <sup>3</sup> /h	Air (bar)	l/h	Nm <sup>3</sup> /h	Air (bar)	l/h	Nm <sup>3</sup> /h	air	Bar liquid	A (mm)	B (mm)	C (mm)	D (m)	
1/8	AD 050	Fluid Cap FC4 & Air Cap AC1601	0.6	5.3	0.60	1.1	8.1	0.79	1.5	8.1	0.92	2.4	8.9	1.24	3.1	10.5	1.44	0.7	0.7	140	180	230	1.5	
			0.7	4.3	0.72	1.3	7.0	0.88	1.8	6.6	1.09	2.7	8.1	1.40	3.4	9.7	1.68	1.4	1.5	150	190	240	1.8	
			0.9	3.0	0.84	1.4	6.4	0.94	2.1	4.9	1.32	3.0	6.4	1.66	3.9	7.8	2.16	1.8	2.0	160	200	250	2.1	
	AD 100	Fluid Cap FC2 & Air Cap AC1603	1.0	1.7	1.02	1.5	5.5	1.01	2.4	3.2	1.68	3.2	4.9	1.92	4.2	6.1	2.52	3.0	3.0	160	200	260	2.7	
			0.9	7.0	3.00	1.7	13.2	4.08	2.0	18.5	4.08	2.8	25.0	5.04	3.7	31.0	5.76	0.9	0.7	180	240	310	1.8	
			1.0	2.1	3.72	1.8	9.8	4.74	2.1	15.1	4.56	3.0	22.0	5.52	3.8	28.0	6.30	1.7	1.5	190	250	330	2.4	
	AD 150	Fluid Cap FC2 & Air Cap AC1602	3.4	12.1	7.14	4.2	20.0	7.80	3.5	9.1	7.80	4.6	6.1	8.52	4.9	6.8	11.0	3.2	3.0	200	260	340	4.1	
			1.1	12.3	2.40	2.2	16.3	3.72	2.7	21.0	4.14	4.2	19.3	6.00	5.6	22.0	7.80	1.5	0.7	150	190	230	2.7	
			1.3	9.9	2.70	2.5	12.1	4.26	3.0	16.3	4.68	4.6	14.6	6.78	6.0	17.6	8.52	3.0	1.5	160	200	240	4.6	
	OR	AD 200	Fluid Cap FC1 & Air Cap AC1603	1.4	7.9	3.00	2.8	8.9	4.74	3.2	12.3	5.16	4.9	10.8	7.44	6.3	14.0	9.12	3.4	2.0	160	200	240	5.5
				1.5	6.1	3.24	3.0	7.6	4.98	3.4	10.7	5.46	5.3	8.1	8.10	6.7	11.4	9.78	3.0	3.0	180	220	250	7.3
				1.7	4.9	3.48	3.1	6.4	5.22	3.5	9.3	5.64	5.6	6.2	8.76	7.0	9.1	10.4	5.3	3.0	180	220	250	7.3
1/4	AD 250	Fluid Cap FC1 & Air Cap AC1604	1.8	3.9	3.72	3.2	5.5	5.46	3.9	6.4	6.30	6.0	4.9	9.42	6.3	4.0	6.3	4.0	190	240	280	9.4		
			0.7	24.0	1.92	1.4	43.0	2.22	2.1	33.0	4.96	2.8	52.0	3.90	3.7	63.0	4.08	0.9	0.7	190	250	360	2.1	
			0.9	13.6	2.64	1.5	35.0	2.94	2.2	26.0	4.96	3.0	46.0	4.56	3.8	58.0	4.74	1.5	1.5	200	270	370	3.2	
AD 300	Fluid Cap FC5 & Air Cap AC1605	1.0	7.6	3.42	1.7	28.0	3.66	2.4	18.9	5.34	3.1	39.0	5.22	4.0	52.0	6.06	2.4	2.0	200	270	370	4.1		
		3.4	19.7	12.3	3.5	28.0	11.1	4.6	35.0	13.8	6.7	22.0	19.2	7.0	28.0	19.2	3.9	3.0	230	290	380	9.1		
		2.4	11.4	8.94	4.2	13.6	13.2	4.9	18.5	14.7	7.0	17.8	20.1	7.0	51.0	18.9	6.3	4.0	240	320	400	10.4		

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

AIR ATOMIZING

TO ORDER: specify spray set-up #, pipe size, body style, hardware and mounting assemblies, and material. See page 76.