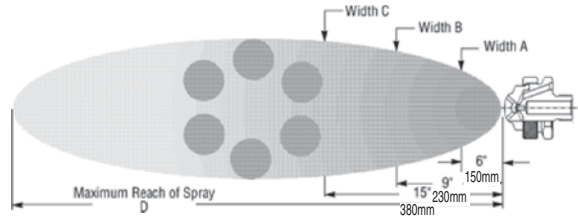


XAD

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 ³ /h	Air (bar)	l/h	Nm ³ /h	Air (bar)	l/h	Nm ³ /h	Air (bar)	l/h	Nm ³ /h	Air (bar)	l/h	Nm ³ /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																																																																																																																																																																																																																																																																																																																																																																																																																		
			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																																																																																																																																																																																																																																																																																																																																																																																																																		
	AD 100	Fluid Cap FC2 & Air Cap AC1603	1.7	4.5	1.16	1.7	4.5	1.16	3.4	4.2	2.13	4.6	4.4	2.82	4.6	4.4	2.82	3.9	4.0	190	230	300	4.0																																																																																																																																																																																																																																																																																																																																																																																																																		
			1.8	3.5	1.30	1.8	3.5	1.30	2.2	11.7	5.10	3.1	18.5	6.06	3.9	26.0	6.78	0.9	0.7	180	240	310	1.8																																																																																																																																																																																																																																																																																																																																																																																																																		
			2.1	15.1	4.56	2.1	15.1	4.56	3.0	22.0	5.52	3.8	28.0	6.30	3.9	26.0	6.78	1.7	1.5	190	250	330	2.4																																																																																																																																																																																																																																																																																																																																																																																																																		
			2.2	11.7	5.10	3.1	18.5	6.06	3.9	26.0	6.78	4.1	23.0	7.32	4.2	20.0	7.80	2.1	2.0	190	250	330	3.2																																																																																																																																																																																																																																																																																																																																																																																																																		
	AD 150	Fluid Cap FC2 & Air Cap AC1602	3.2	15.1	6.54	3.2	15.1	6.54	4.1	23.0	7.32	4.6	13.6	9.18	4.9	6.8	11.0	3.2	3.0	200	260	340	4.1																																																																																																																																																																																																																																																																																																																																																																																																																		
			3.4	12.1	7.14	3.4	12.1	7.14	4.2	20.0	7.80	4.6	13.6	9.18	4.9	6.8	11.0	4.1	4.0	210	280	370	5.9																																																																																																																																																																																																																																																																																																																																																																																																																		
			3.5	9.1	7.80	3.5	9.1	7.80	4.6	13.6	9.18	4.9	6.8	11.0	4.1	4.0	210	280	370	5.9																																																																																																																																																																																																																																																																																																																																																																																																																					
			3.7	6.1	8.52	3.7	6.1	8.52	4.9	6.8	11.0	4.1	4.0	210	280	370	5.9																																																																																																																																																																																																																																																																																																																																																																																																																								
OR 1/4	AD 200	Fluid Cap FC1 & Air Cap AC1603	5.6	22.0	7.80	5.6	22.0	7.80	6.0	19.3	6.00	5.6	22.0	7.80	6.0	19.3	6.00	1.5	0.7	150	190	230	2.7																																																																																																																																																																																																																																																																																																																																																																																																																		
			6.0	14.6	6.78	6.0	14.6	6.78	6.3	14.0	9.12	6.3	14.0	9.12	6.7	11.4	9.78	3.0	1.5	160	200	240	4.6																																																																																																																																																																																																																																																																																																																																																																																																																		
			7.44	8.10	7.44	7.44	8.10	7.44	6.3	14.0	9.12	6.7	11.4	9.78	6.7	11.4	9.78	3.4	2.0	160	200	240	5.5																																																																																																																																																																																																																																																																																																																																																																																																																		
			8.76	7.0	9.1	10.4	8.76	7.0	9.1	10.4	8.76	7.0	9.1	10.4	8.76	7.0	9.1	10.4	5.3	3.0	180	220	250	7.3																																																																																																																																																																																																																																																																																																																																																																																																																	
	AD 250	Fluid Cap FC1 & Air Cap AC1604	10.0	3.9	4.02	10.0	3.9	4.02	10.0	3.9	4.02	10.0	3.9	4.02	10.0	3.9	4.02	10.0	6.3	4.0	190	240	280	9.4																																																																																																																																																																																																																																																																																																																																																																																																																	
			1.1	12.3	2.40	1.1	12.3	2.40	1.3	9.9	2.70	1.3	9.9	2.70	1.4	7.9	3.00	1.4	7.9	3.00	1.5	6.1	3.24	3.0	7.6	4.98	3.4	6.4	5.22	3.5	5.46	3.9	6.4	6.30	6.0	4.9	9.42	4.2	4.7	6.90	6.3	4.0	10.0																																																																																																																																																																																																																																																																																																																																																																																														
			1.3	9.9	2.70	1.3	9.9	2.70	1.4	7.9	3.00	1.4	7.9	3.00	1.5	6.1	3.24	3.0	7.6	4.98	3.4	6.4	5.22	3.5	5.46	3.9	6.4	6.30	6.0	4.9	9.42	4.2	4.7	6.90	6.3	4.0	10.0																																																																																																																																																																																																																																																																																																																																																																																																				
			1.4	7.9	3.00	1.4	7.9	3.00	1.5	6.1	3.24	3.0	7.6	4.98	3.4	6.4	5.22	3.5	5.46	3.9	6.4	6.30	6.0	4.9	9.42	4.2	4.7	6.90	6.3	4.0	10.0																																																																																																																																																																																																																																																																																																																																																																																																										
	AD 300	Fluid Cap FC5 & Air Cap AC1605	1.7	4.9	3.48	1.7	4.9	3.48	1.8	3.9	3.72	1.8	3.9	3.72	2.0	3.1	4.02	3.4	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70	4.2	4.7	5.70

AIR ATOMIZING

CALL 413-772-0846
Call for the name of your nearest BETE representative.