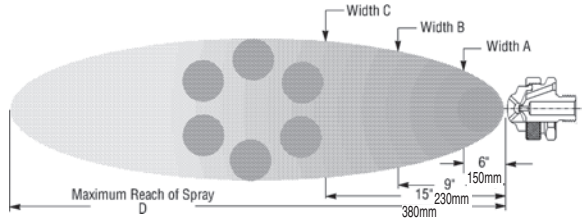


# XAAD

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

### DESIGN/SPRAY CHARACTERISTICS

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



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	liquid	A (mm)	B (mm)	C (mm)	D (mm)
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
			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	3.5	3.4	2.33	4.9	2.8	3.24	4.9	2.8	3.24	4.9	2.8	3.24	4.9	2.8	3.24
AD 150	Fluid Cap FC2 & Air Cap AC1602	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							
		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							
		2.2	11.7	5.10	2.2	11.7	5.10	3.1	18.5	6.06	3.9	26.0	6.78	4.1	23.0	7.32	0.9	0.7	180	240	310	1.8	
1/4	AD 200	Fluid Cap FC1 & Air Cap AC1603	3.1	4.0	2.70	3.4	4.7	5.70	4.2	4.7	6.90	6.3	4.0	10.0	7.0	9.1	10.4	3.4	2.0	160	200	240	5.5
			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
	AD 250	Fluid Cap FC1 & Air Cap AC1604	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	1.5	0.7	150	190	230	2.7
			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	1.5	160	200	240	4.6
			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	3.4	2.0	160	200	240	5.5
AD 300	Fluid Cap FC5 & Air Cap AC1605	1.8	3.9	3.72	3.2	5.5	5.46	3.9	6.4	6.30	6.0	4.9	9.42	7.0	9.1	10.4	5.3	3.0	180	220	250	7.3	
		2.0	3.1	4.02	3.4	4.7	5.70	4.2	4.7	6.90	6.3	4.0	10.0	6.3	4.0	10.0	6.3	4.0	190	240	280	9.4	
		2.0	3.1	4.02	3.4	4.7	5.70	4.2	4.7	6.90	6.3	4.0	10.0	6.3	4.0	10.0	6.3	4.0	190	240	280	9.4	

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

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