B-25 AAMA Kit

Large Capacity Nozzle

SOLID CONE NOZZLE





The B-25 Nozzles are of two piece construction with large tangential metering slots in the internal Disc to give a nonrestricted flow with a uniform "Solid" distribution. For special applications, a hollow cone spray can be produced from this same design. These Nozzles with high flow rates and coarser sprays are used in gas scrubbing, adsorption towers, brine spraying, and chemical and industrial processing.

MATERIAL

Brass is standard with 1/2'' NPT. Also available in any machinable material on request.

PIPE CONNECTION

3/8 ", 1/2 ", 3/4 ",
1 ", 1 1/2 ", 2 " NPT



SPRAY ANGLES

80° at 40 PSI

CAPACITIES & DIMENSIONS

	B-25 Capacities: Gallons Per Minute										
Pipe Size	**Nozzle No.***	**Operating Pressure – Lbs. per Suare Inch**						**Dimensions and Weights**			
		5	**10**	**20**	**40**	**80**	**100**	**Length**	**Width**	**Hexagon**	**Weight (Oz.)**
3/8''	2.5	.9	1.2	1.8	2.5	3.5	3.9	1 5/8''	7/8''	7/8	3 1/2
	3.0	1.1	1.5	2.1	3.0	4.2	4.7				
	3.5	1.2	1.7	2.5	3.5	4.9	5.5				
	4.0	1.4	2.0	2.8	4.0	5.7	6.3				
1/2''	4.5	1.6	2.2	3.2	4.5	6.3	7.1	2''	1 1/8''	1 1/8	7 1/2
	5.0	1.8	2.5	3.5	5.0	7.1	7.9				
	6.0	2.1	3.0	4.2	6.0	8.5	9.5				
1/2'' or 3/4''	7.0	2.5	3.5	4.9	7.0	9.9	11.1				
	8.0	2.8	4.0	5.6	8.0	11.3	12.6				
3/4''	9.0	3.2	4.5	6.4	9.0	12.7	14.2	2 1/4''	1 3/8''	1 3/8	12
	10.0	3.5	5.0	7.1	10.0	14.1	15.8				
	12.0	4.2	6.0	8.5	12.0	17.0	19.0				
	15.0	5.3	7.5	10.6	15.0	21.2	23.7				
	***''Nozzle No.'' is capacity in GPM @ 40 PSI water pressure** 1'' and larger are made from castings. 3/4 '' and smaller are made from bar stock.										
1''	17/64'' ori.	4.2	6.0	8.4				2 7/16''	1 7/16''	1 5/8	12
1 1/2''	9/16'' ori.	16.3	21.1	32.6				3 7/16''	1 31/32''	2 5/16	26 1/2
2 ''	3/4'' ori.	24.5	34.5	49.0				4 1/8''	2 7/16''	2 3/4	47

AAMA kit available

Water test kit includes:
(1) B-25 6.030 W/1/2'' FNPT
(1) 3/4'' Globe valve
(1) 3/4'' Garden hose adaptor
(1) 0-60 PSI Pressure gauge



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