Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

GALLONS PER MINUTE @ PSI

30

PSI

12.3

19.6

28.3

28.3

45.0

50.8

Call for the

_ 413-772-0846

Tank Washing Nozzles

DESIGN FEATURES

- · Each nozzle in the stationary cluster is a BETE clog-resistant full cone nozzle of the MaxiPass® series
- · Can be supplied with various other BETE nozzles for any desired application
- Female connection

SPRAY CHARACTERISTICS

- Spherical omnidirectional coverage
- Six nozzles arranged in cluster to project spray in all directions Flow rates: 7.52 to 80.6 gpm (Special flow rates available)

Minimum

Entrance

Opening (in.)

А

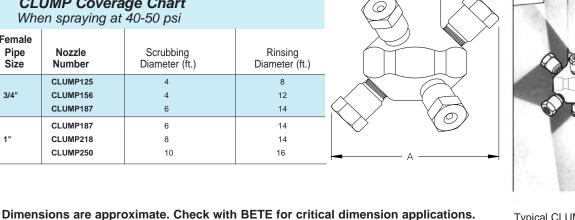
4.75

5.75

Typical CLUMP installation

CLUMP Coverage Chart When spraying at 40-50 psi

Female Pipe Size	Nozzle Number	Scrubbing Diameter (ft.)	Rinsing Diameter (ft.)	
	CLUMP125	4	8	
3/4"	CLUMP156	4	12	
	CLUMP187	6	14	
	CLUMP187	6	14	
1"	CLUMP218	8	14	
	CLUMP250	10	16	◄ A



80

PSI

19.6

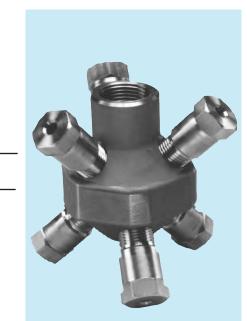
31.1

44.9

44 9

71.4

80.6



Metal

105



Weight

Plas.

4.82

9.26

(oz.)

Metal

36.32

69.60

Pipe Size Nozzle κ 10 PSI 15 PSI 20 PSI Number Factor CLUMP125 2.50 7.36 8.91 10.2

3.96

5.72

5.72

9.10

10.30

CLUMP Flow Rates and Dimensions

Spherical, 360° Spray Angle, 3/4" and 1" Pipe Size

11.7

16.9

16.9

26.9

30.3

14.2

20.4

20.4

32.5

36.7

Flow Rate (GPM) = $K (PSI)^{0.47}$

Female

3/4"

1"

CLUMP156

CLUMP187

CLUMP187

CLUMP218

CLUMP250

Standard Materials: 316 Stainless Steel and Brass. Other materials available on request.

16.2

23.4

23.4

37.2

42.0

40

PSI

14.1

22.4

32.4

32.4

51.5

58.2

60

PSI

17.1

27.1

39.2

39.2

62.3

70.4