

# FOGGER® SPRAY HEADS

- ✓ Simple Installation
- ✓ Low Maintenance
- ✓ Corrosion Resistant
- ✓ Low Water Consumption
- ✓ Worksheet Required
- ✓ No Chemical/Air Injectors



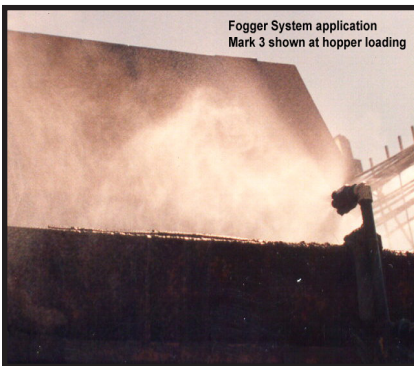
Mark 2 Cluster Head



Mark 4 Cluster Head



Mark 3 Cluster Head



- **Mark 2** - Water usage at 100 PSI: .5 gal./min.  
Seven #3 Nozzles - The original "Dust Fogger" used in applications when minimal water usage is a must, the Mark 2 is still a favorite of many in the aggregate/crushing industry.
- **Mark 3** - Water usage at 100 PSI: 1 gal./min.  
Thirteen #3 Nozzles - Used when a larger coverage is required.
- **Mark 4** - Water usage at 100 PSI: .7 gal./min.  
Nine #3 Nozzles - Designed to be expandable in a series from one head to another. Works great in head chutes.



## WHO IS ARCH ENVIRONMENTAL?

Manufacturer and worldwide distributor of preferred bulk conveyor components since 1975.



800.553.4567 [www.archenv.com](http://www.archenv.com)

## MECHANICAL DIVISION

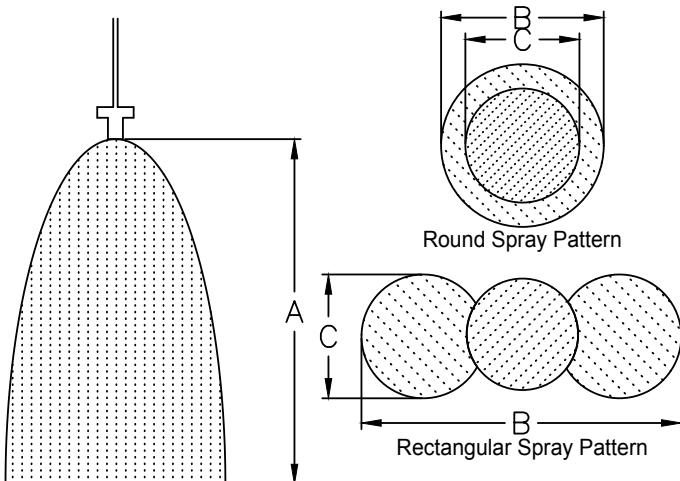
Belt Cleaners • Belt Alignment • Sealing Systems  
Dust Control Systems • Impact/Slider Systems

## ELECTRICAL DIVISION

Belt Scales • Metal Detectors • Pull Cord Switches  
Belt Protection Devices • Conveyor Control Systems

# FOGGER® SPRAY HEADS

Pump Specifications		
Pump Size	@100psi	@150psi
Spray Head Style using #3 Nozzles	Maximum Number of Heads Pump can Operate Effectively	
3/4 HP (max: 160psi)	510 gph	270 gph
Mark 2 (7 nozzles)	15	6
Mark 3 (13 nozzles)	8	3
Mark 4 (9 nozzles)	12	5
Single Nozzle	112	47
1 HP (max: 185 psi)	750 gph	480 gph
Mark 2 (7 nozzles)	22	12
Mark 3 (13 nozzles)	12	6
Mark 4 (9 nozzles)	17	9
Single Nozzle	159	84
2 HP (max: 150psi)	1200 gph	900 gph
Mark 2 (7 nozzles)	36	22
Mark 3 (13 nozzles)	19	12
Mark 4 (9 nozzles)	28	16
Single Nozzle	255	157
3 HP (max: 185psi)	1614 gph	1155 gph
Mark 2 (7 nozzles)	48	35
Mark 3 (13 nozzles)	26	18
Mark 4 (9 nozzles)	37	27
Single Nozzle	339	205



## Round Spray Pattern (using #3 nozzles)

Head	Dimensions (Ft)			gpm @ 100psi	gpm @ 150psi
	A	B	C		
Mark 2	3	5.5	2.5	0.548	0.665
Mark 3	4	6.5	4.5	1.020	1.235

## Rectangular Spray Pattern (using #3 nozzles)

Head	Dimensions (Ft)			gpm @ 100psi	gpm @ 150psi
	A	B	C		
Mark 4	4	3.5	2.5	0.705	0.855

Spray patterns affected by outside elements

Covered under one or more of the following patents:  
 4,202,437;4,231,471;4,436,446;4,489,823;4,533,036;4,779,716;4,877,125;  
 4,989,727;5,149,305;5,222,588;5,222,589;5,219,063;5,350,053;5,725,083  
 other patents pending



**Note:** If available, prices vary with options.