

DRIPSAFE™ AIRJET® FOGGER NOZZLES

- High quality, cost-efficient dry fog with average drop size of fifteen microns or less
- Drop size can be adjusted by changing the ratio of compressed air to water
- High-volume/high-efficiency air atomization is ideal for large/open structures and areas with high air exchange rates
- Drip safe air-actuated shut-off valve prevents liquid flow until air pressure at the nozzle is sufficient for fine atomization
- Flat spray tip has a large orifice that reduces clogging
- Spray set-up and built-in strainer are quickly removed by hand if cleaning is required
- Can use PVC pipe and low-pressure air tubing
- Operates using normal pressures found in municipal water systems, eliminates the need for expensive, high-pressure hydraulic pumps
- Spray tip is brass; valve and body are polymer
- Minimum air pressure range of 25 to 35 psi (1.7 to 2.5 bar)



45265 AirJet Fogger – Threaded 1/4" NPT or BSPT connection

45269 AirJet Fogger – Split-eyelet design provides fast installation of the nozzle onto the liquid supply pipe. No additional pipe fittings are required. Pipe cutting, threading and brazing are eliminated.

**PERFORMANCE DATA:
45265 AND 45269 DRIPSAFE AIRJET FOGGER NOZZLES**

Water Pressure*	Fluid Orifice No. 16 (.016" Dia.)								Fluid Orifice No. 20 (.020" Dia.)								Fluid Orifice No. 26 (.026" Dia.)							
	Air Pressure*								Air Pressure*								Air Pressure*							
	10	20	30	40	50	60	70	80	10	20	30	40	50	60	70	80	10	20	30	40	50	60	70	80
20	1.2	1.1	-	-	-	-	-	3.1	1.7	-	-	-	-	-	-	3.3	1.8	-	-	-	-	-	-	
	1.5	2.5	-	-	-	-	-	1.4	2.8	-	-	-	-	-	-	1.3	2.4	-	-	-	-	-	-	
30	1.7	1.5	1.2	-	-	-	-	3.6	2.1	1.7	-	-	-	-	4.3	3.4	2.1	-	-	-	-	-		
	1.4	2.4	3.4	-	-	-	-	1.3	2.5	3.6	-	-	-	-	1.1	2.1	3.2	-	-	-	-	-		
40	2.0	1.7	1.5	1.4	-	-	-	4.3	3.1	2.2	-	-	-	-	-	4.5	3.6	2.4	-	-	-	-		
	1.4	2.4	3.3	4.2	-	-	-	1.2	2.3	3.4	-	-	-	-	-	1.9	2.8	3.9	-	-	-	-		

*At the stated pressure in psi.

In each line, figures in plain face indicate water atomized in gph at psi water pressure. Figures in boldface indicate atomizing air in scfm at psi air pressure.

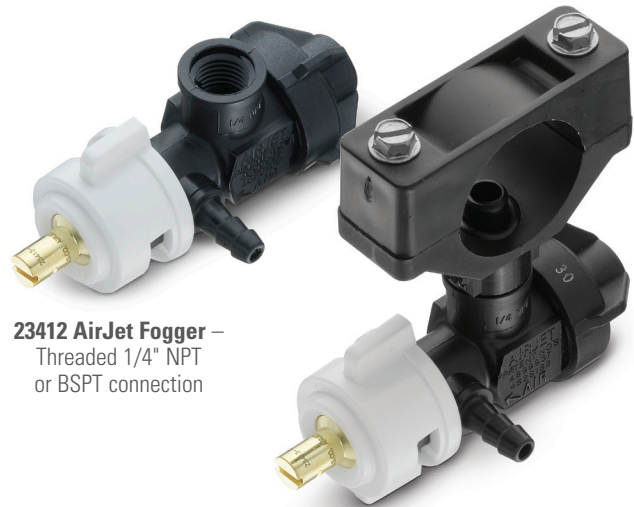
1. Values in red show optimum evaporation under normal room conditions, when center line of spray is 5' (1.5 m) from the lower surface.
2. Values in blue can require up to 10' (3 m) for evaporation. Other values may be used where extended heat or higher air velocity exist or where slight surface wetting is permitted.
3. AirJet Fogger has a horizontal throwing distance of 15' (4.5 m) and will expand to approximately 8' (2.4 m) wide and 3' (.9 m) thick.

PLACING YOUR ORDER

Call 1.800.95.SPRAY for applications assistance or to place an order.

AIRJET® FOGGER NOZZLES

- High quality, cost-efficient dry fog with average drop size of fifteen microns or less
- Drop size can be adjusted by changing air and water pressures
- High-volume/high-efficiency air atomization is ideal for large/open structures and areas with high air exchange rates
- Built-in check valve, spray tip and internal strainer can be quickly serviced without tools
- Flat spray tip has a large orifice that reduces clogging
- Can use PVC pipe and low-pressure air tubing
- Operates using normal pressures found in municipal water systems, eliminates the need for expensive, high-pressure hydraulic pumps
- Spray tip is brass; valve and body are polymer
- Minimum water pressure of 30 psi (2 bar) required for check valve



23412 AirJet Fogger – Threaded 1/4" NPT or BSPT connection

QJ25655 AirJet Fogger – Split-eyelet design provides fast installation of the nozzle onto the liquid supply pipe. No additional pipe fittings are required. Pipe cutting, threading and brazing are eliminated.

PERFORMANCE DATA:

23412 AND QJ25655 AIRJET FOGGER NOZZLES

*At the stated pressure in psi.

Water Pressure*	Fluid Orifice No. 16 (.016" Dia.)								Fluid Orifice No. 20 (.020" Dia.)								Fluid Orifice No. 26 (.026" Dia.)							
	Air Pressure*								Air Pressure*								Air Pressure*							
	10	20	30	40	50	60	70	80	10	20	30	40	50	60	70	80	10	20	30	40	50	60	70	80
20'	1.2	1.1	–	–	–	–	–	–	3.1	1.7	–	–	–	–	–	–	3.3	1.8	–	–	–	–	–	–
	1.5	2.5	–	–	–	–	–	–	1.4	2.8	–	–	–	–	–	–	1.3	2.4	–	–	–	–	–	–
30	1.7	1.6	1.2	–	–	–	–	–	3.6	2.1	1.7	–	–	–	–	–	4.3	3.4	2.1	–	–	–	–	–
	1.4	2.4	3.4	–	–	–	–	–	1.3	2.5	3.6	–	–	–	–	–	1.1	2.1	3.2	–	–	–	–	–
40	2.0	1.6	1.5	1.4	–	–	–	–	4.3	3.1	2.2	–	–	–	–	–	–	4.5	3.6	2.4	–	–	–	–
	1.4	2.4	3.3	4.2	–	–	–	–	1.2	2.3	3.4	–	–	–	–	–	–	1.9	2.8	3.9	–	–	–	–
50	2.1	1.9	1.7	1.5	1.3	–	–	–	4.9	3.7	3.1	2.3	–	–	–	–	–	5.3	4.6	3.7	2.5	0.9	–	–
	1.4	2.3	3.2	4.2	5.0	–	–	–	1.2	2.2	3.2	4.2	–	–	–	–	–	1.8	2.7	3.6	4.7	5.9	–	–
60	2.3	2.1	1.9	1.7	1.4	1.3	0.8	–	–	4.3	3.7	3.1	2.2	–	–	–	–	6.1	5.4	4.7	3.8	2.8	1.3	–
	1.3	2.3	3.2	4.1	5.0	5.8	6.8	–	–	2.1	3.0	3.9	5.0	–	–	–	–	1.7	2.5	3.4	4.4	5.4	6.7	–
70	2.6	2.4	2.2	1.9	1.7	1.7	1.5	1.0	–	4.8	4.3	3.6	3.1	2.1	–	–	–	–	6.2	5.5	4.8	4.0	3.0	1.7
	1.3	2.3	3.1	4.0	4.9	5.7	6.7	7.6	–	2.0	2.9	3.8	4.8	5.9	–	–	–	–	2.4	3.3	4.2	5.1	6.2	7.4
80	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.6	–	5.3	4.9	4.2	3.7	3.1	2.2	–	–	–	6.8	6.2	5.5	4.8	4.1	3.1
	1.3	2.2	3.1	4.0	4.9	5.7	6.6	7.5	–	1.9	2.7	3.6	4.6	5.6	6.7	–	–	–	2.3	3.2	4.1	5.0	5.9	7.0
90	2.9	2.8	2.6	2.4	2.2	2.0	1.9	1.9	–	–	5.4	4.9	4.3	3.6	3.1	–	–	–	7.4	6.9	6.3	5.6	5.0	4.3
	1.2	2.1	3.1	3.9	4.7	5.7	6.5	7.5	–	–	2.6	3.5	4.4	5.4	6.5	–	–	–	2.2	3.0	3.9	4.8	5.6	6.6
100	3.1	3.0	2.8	2.6	2.4	2.3	2.2	2.2	–	–	5.8	5.3	4.8	4.3	3.7	3.1	–	–	7.9	7.4	6.9	6.3	5.7	5.0
	1.2	2.1	3.0	3.9	4.7	5.6	6.5	7.5	–	–	2.5	3.3	4.3	5.3	5.9	7.3	–	–	2.1	2.9	3.8	4.6	5.5	6.4

*For applications with liquid pressures below 30 psi (2 bar), request end cap sub-assembly 21950-20-NYB.

In each line, figures in plain face indicate water atomized in gph (l/h) at psi (bar) water pressure. Figures in boldface indicate atomizing air in scfm (NI/min) at psi (bar) air pressure.

1. Values in red show optimum evaporation under normal room conditions, when center line of spray is 5' (1.5 m) from the lower surface.
2. Values in blue can require up to 10' (3 m) for evaporation. Other values may be used where extended heat or higher air velocity exist or where slight surface wetting is permitted.
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