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 bar.

Water Pressure*	Fluid Orifice No. 16 (0.41 mm Dia.) Air Pressure*								Fluid Orifice No. 20 (0.51 mm Dia.) Air Pressure*								Fluid Orifice No. 26 (0.66 mm Dia.) Air Pressure*							
	0.7	1.5	2	3	3.5	4	5	5.5	0.7	1.5	2	3	3.5	4	5	5.5	0.7	1.5	2	3	3.5	4	5	5.5
1.5†	4.5	4.2	–	–	–	–	–	–	11.7	6.4	–	–	–	–	–	–	12.5	6.8	–	–	–	–	–	–
	42	**71**	–	–	–	–	–	–	**40**	**79**	–	–	–	–	–	–	**37**	**68**	–	–	–	–	–	–
2	6.4	6.1	4.5	–	–	–	–	–	13.6	7.9	6.4	–	–	–	–	–	16.3	12.9	7.9	–	–	–	–	–
	40	**68**	**96**	–	–	–	–	–	**37**	**71**	**102**	–	–	–	–	–	**31**	**59**	**91**	–	–	–	–	–
3	7.6	6.1	5.7	5.3	–	–	–	–	16.3	11.7	8.3	–	–	–	–	–	–	17.0	13.6	9.1	–	–	–	–
	40	**68**	**93**	**119**	–	–	–	–	**34**	**65**	**96**	–	–	–	–	–	–	**54**	**79**	**110**	–	–	–	–
3.5	7.9	7.2	6.4	5.7	4.9	–	–	–	18.5	14.0	11.7	8.7	–	–	–	–	–	20	17.4	14.0	9.5	3.4	–	–
	40	**65**	**91**	**119**	**142**	–	–	–	**34**	**62**	**91**	**119**	–	–	–	–	–	**51**	**76**	**102**	**133**	**167**	–	–
4	8.7	7.9	7.2	6.4	5.3	4.9	3.0	–	–	16.3	14.0	11.7	8.3	–	–	–	–	23	20	17.8	14.4	10.6	4.9	–
	37	**65**	**91**	**116**	**142**	**164**	**193**	–	–	**59**	**85**	**110**	**142**	–	–	–	–	**48**	**71**	**96**	**125**	**153**	**190**	–
5	9.8	9.1	8.3	7.2	6.4	6.4	5.7	3.8	–	18.2	16.3	13.6	11.7	7.9	–	–	–	–	23	21	18.2	15.1	11.4	6.4
	37	**65**	**88**	**113**	**139**	**161**	**190**	**215**	–	**57**	**82**	**108**	**136**	**167**	–	–	–	–	**68**	**93**	**119**	**144**	**175**	**210**
5.5	10.2	9.8	9.1	8.3	7.6	7.2	6.4	6.1	–	20	18.5	15.9	14.0	11.7	8.3	–	–	–	26	23	21	18.2	15.5	11.7
	37	**62**	**88**	**113**	**139**	**161**	**187**	**212**	–	**54**	**76**	**102**	**130**	**159**	**190**	–	–	–	**65**	**91**	**116**	**142**	**167**	**198**
6	11.0	10.6	9.8	9.1	8.3	7.6	7.2	7.2	–	–	20	18.5	16.3	13.6	11.7	–	–	–	28	26	24	21	18.9	16.3
	34	**59**	**88**	**110**	**133**	**161**	**184**	**212**	–	–	**74**	**99**	**125**	**153**	**205**	–	–	–	**62**	**85**	**110**	**136**	**159**	**187**
7	11.7	11.4	10.6	9.8	9.1	8.7	8.3	8.3	–	–	22	20	18.2	16.3	14.0	11.7	–	–	30	28	26	24	22	18.9
	34	**59**	**85**	**110**	**133**	**159**	**184**	**212**	–	–	**71**	**93**	**122**	**150**	**167**	**205**	–	–	**59**	**82**	**108**	**130**	**156**	**181**

†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 (Nl/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.
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.