








Micro-Quick™ Sprays

Performance Data and Stake Assembly

U.S. STANDARD DATA

MODEL (nominal nozzle diameter)	PRES.	FLOW	A 	B 	C 	D 	E 	F 	G 		
			DIAMETER	LENGTH	WIDTH	RADIUS	DIAMETER	DIAMETER	DIAMETER	LENGTH	WIDTH
NOZZLE	psi	gph	ft	ft	ft	ft	ft	ft	ft	ft	ft
QN-05 Black 0.026"	10	3.7	8.5	8.0	7.5	4.0	8.0	3.0	10.0	9.0	6.0
	15	4.6	9.5	10.0	8.5	4.5	9.5	3.0	11.0	10.0	6.5
	20	5.2	10.5	11.0	9.0	5.0	11.0	3.0	12.0	11.0	7.0
	25	5.9	11.0	11.5	9.5	5.3	11.0	3.0	12.5	12.0	7.5
	30	6.5	11.5	12.0	10.0	5.5	11.0	3.0	13.0	13.0	8.0
QN-08 Orange 0.033"	10	5.6	13.0	10.0	7.5	4.5	9.5	3.0	12.5	12.0	7.0
	15	6.9	13.5	11.5	8.5	5.0	11.0	3.0	13.5	13.5	8.0
	20	8.0	14.0	12.5	9.5	5.5	12.5	3.0	14.0	15.0	9.0
	25	9.2	14.5	12.5	9.5	6.0	13.5	3.0	14.0	16.5	10.0
	30	10.0	15.0	13.0	10.0	6.5	14.5	3.0	14.5	18.0	10.5
QN-12 Blue 0.038"	10	7.3	17.0	11.0	9.5	4.5	11.0	3.0	14.5	15.0	8.0
	15	9.1	17.5	13.0	10.0	5.3	12.5	3.0	15.5	16.5	9.0
	20	10.6	18.0	14.5	10.5	6.0	13.5	3.0	16.0	18.0	9.5
	25	11.8	18.0	15.0	11.5	6.5	15.8	3.0	17.0	20.5	10.5
	30	13.2	18.0	15.5	12.0	7.0	18.0	3.0	17.5	23.0	11.0
QN-14 Violet 0.044"	10	9.7	19.0	13.0	10.0	5.0	12.0	3.0	16.5	15.5	8.5
	15	11.8	20.0	16.0	11.5	5.5	14.0	3.0	17.5	17.5	9.5
	20	13.7	20.5	17.0	12.0	6.0	15.5	3.0	18.5	19.5	10.0
	25	15.5	20.5	18.0	12.5	6.0	18.0	3.0	19.5	22.0	11.0
	30	17.2	21.0	19.0	13.0	7.0	20.5	3.0	20.5	24.0	11.5
QN-17 Green 0.048"	10	10.7	21.0	15.0	10.5	6.0	13.0	3.0	17.0	16.0	9.0
	15	13.3	22.0	15.0	12.0	6.0	15.0	3.0	18.5	18.5	10.0
	20	15.5	22.5	19.0	12.5	6.0	17.0	3.0	20.0	20.5	10.5
	25	17.4	23.0	20.0	13.0	6.5	20.0	3.0	21.5	23.0	11.0
	30	19.1	23.5	21.0	13.5	7.0	23.0	3.0	23.0	25.0	12.0
QN-24 Red 0.057"	10	14.2	23.0	16.0	11.5	6.5	15.0	3.0	18.0	18.5	11.0
	15	17.3	25.5	18.0	12.5	7.0	17.0	3.0	20.0	20.5	12.0
	20	20.1	28.0	19.5	13.0	7.5	19.0	3.0	21.5	22.0	13.0
	25	22.4	28.0	21.0	13.5	7.5	24.0	3.0	23.5	24.0	13.5
	30	26.0	28.0	22.0	14.0	7.5	25.0	3.0	25.0	25.5	14.0
QN-33 White 0.068"	10	17.2	25.0	18.0	11.0	7.5	17.5	3.0	19.0	21.0	13.0
	15	21.0	26.0	21.0	13.0	8.3	19.2	3.0	21.0	22.5	14.0
	20	25.2	27.0	23.0	14.5	9.0	21.0	3.0	23.0	23.5	14.5
	25	27.9	28.0	24.0	15.0	9.4	23.0	3.0	25.0	25.0	15.5
	30	30.6	28.0	25.0	15.5	9.5	25.0	3.0	27.0	26.0	16.0

Recommended Filtration (Mesh, Microns): QN-05 (200, 74), QN-08 (170, 93), QN-12 (150, 105), QN-14 (130, 118), QN-17 (120, 125), QN-24 (100, 150), QN-33 (80, 180)

- Specify deflector pattern to be installed. The factory will install the pattern in a Down x Up configuration; for example: "AC"=360° Star Bird installed down in the operational position, with 120° Fan Spray installed up.
- Standard transfer tubing length: 36" (91cm)

Note: 1 bar = 14.5 psi; 1 meter = 3.281 ft; 1 liter = 0.264 gal

Dual Pattern Configurations








Installed with first letter pattern down

AA AC AE BC BE DC DE
EA ED EF EG FE GE

Micro-Quick™ Sprays

Performance Data and Stake Assembly

METRIC DATA

MODEL (nominal nozzle diameter)	PRES.	FLOW	A 	B 		C 	D 	E 	F 	G 	
			DIAMETER	LENGTH	WIDTH	RADIUS	DIAMETER	DIAMETER	DIAMETER	LENGTH	WIDTH
NOZZLE	bar	l/h	m	m	m	m	m	m	m	m	m
QN-05 Black 0.66mm	0.75	13.8	2.6	2.4	2.3	1.2	2.4	0.9	3.0	2.7	1.80
	1.00	17.2	2.9	3.0	2.6	1.4	2.9	0.9	3.3	3.0	2.00
	1.50	19.8	3.3	3.3	2.7	1.6	3.2	0.9	3.6	3.3	2.10
	1.75	22.3	3.4	3.5	2.9	1.6	3.4	0.9	3.8	3.6	2.25
	2.00	24.5	3.5	3.7	3.0	1.7	3.4	0.9	4.0	4.0	2.40
QN-08 Orange 0.84mm	0.75	21.0	3.7	3.0	2.3	1.4	2.9	0.9	3.8	3.6	2.1
	1.00	26.3	3.8	3.5	2.6	1.5	3.3	0.9	4.1	4.1	2.4
	1.50	30.1	4.3	3.8	2.9	1.7	3.8	0.9	4.2	4.6	2.7
	1.75	34.6	4.4	3.8	2.9	1.8	4.0	0.9	4.2	5.0	3.01
	2.00	37.8	4.5	4.0	3.0	2.0	4.2	0.9	4.4	5.4	3.2
QN-12 Blue 0.97mm	0.75	27.6	5.1	3.4	2.9	1.4	3.3	0.9	4.4	4.6	2.4
	1.00	34.5	5.3	4.0	3.0	1.6	3.7	0.9	4.7	5.0	2.7
	1.50	40.0	5.4	4.4	3.2	1.9	4.0	0.9	4.9	5.4	2.9
	1.75	44.7	5.5	4.6	3.5	2.0	4.8	0.9	5.1	6.2	3.2
	2.00	49.9	5.5	4.7	3.7	2.1	5.3	0.9	5.3	7.0	3.3
QN-14 Violet 1.12mm	0.75	36.5	5.8	4.0	3.0	1.5	3.6	0.9	5.0	4.7	2.6
	1.00	44.6	6.1	4.9	3.5	1.7	4.2	0.9	5.3	5.3	2.9
	1.50	52.0	6.3	5.2	3.7	1.8	5.0	0.9	5.6	5.9	3.0
	1.75	58.7	6.3	5.5	3.8	1.9	5.5	0.9	5.9	6.7	3.3
	2.00	65.0	6.4	5.8	4.0	2.1	6.1	0.9	6.2	7.3	3.5
QN-17 Green 1.22mm	0.75	40.5	6.4	4.6	3.2	1.8	4.0	0.9	5.1	4.9	2.7
	1.00	50.5	6.7	5.2	3.7	1.8	4.5	0.9	5.6	5.6	3.0
	1.50	58.5	6.9	5.8	3.8	1.9	5.5	0.9	6.1	6.2	3.2
	1.75	65.9	7.0	6.1	4.0	2.0	6.0	0.9	6.5	7.0	3.3
	2.00	72.3	7.1	6.4	4.1	2.1	6.8	0.9	7.0	7.6	3.7
QN-24 Red 1.45mm	0.75	53.9	7.1	4.9	3.5	2.0	4.6	0.9	5.4	5.6	3.3
	1.00	65.6	7.8	5.5	3.8	2.2	5.1	0.9	6.1	6.2	3.7
	1.50	76.0	8.2	5.9	4.0	2.2	6.3	0.9	6.5	6.7	3.9
	1.75	84.9	8.5	6.4	4.1	2.3	7.0	0.9	7.1	7.3	4.1
	2.00	98.4	8.5	6.7	4.3	2.3	7.3	0.9	7.6	7.7	4.2
QN-33 White 1.73mm	0.75	65.1	7.6	5.5	3.4	2.3	5.4	0.9	5.8	6.4	3.9
	1.00	79.5	7.9	6.4	4.0	2.5	5.8	0.9	6.4	6.9	4.2
	1.50	95.3	8.3	7.0	4.4	2.8	6.6	0.9	7.0	7.1	4.4
	1.75	105.7	8.4	7.3	4.6	2.9	7.1	0.9	7.6	7.6	4.7
	2.00	115.7	8.5	7.6	4.7	2.9	7.5	0.9	8.2	7.9	4.9

Recommended Filtration (Mesh, Microns): QN-05 (200, 74), QN-08 (170, 93), QN-12 (150, 105), QN-14 (130, 118), QN-17 (120, 125), QN-24 (100, 150), QN-33 (80, 180)

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Dual Pattern Configurations

Installed with first letter pattern down

AA AC AE BC BE DC DE
EA ED EF EG FE GE