



FLOW RATE (GPH) VS. PRESSURE (PSI)

Nozzle Color	K	X	10	15	20	25	30	35	40	45
Yellow	9.3	0.5	30	37	42	47	52	56	60	63
Purple	11.5	0.5	37	45	52	58	63	68	73	77
Green	16.0	0.5	51	63	72	81	88	95	102	108
Blue	20.5	0.5	65	80	92	103	113	122	130	138
Brown	24.5	0.5	78	95	110	123	135	146	156	165
Orange	30.1	0.5	96	117	135	151	165	179	191	202
Red	34.9	0.5	111	135	156	175	191	207	221	234

APPLICATIONS

- Irrigation
- Frost protection
- Roof sprinkling for cooling
- Cooling livestock

FEATURES

- Perfectly balanced sprinkler with two equal water jets
- Robust design is closed and compact preventing insect penetration
- Excellent distribution uniformity
- Can be installed on solid sets or removable field stands
- Each unit has an individual filter for nozzle cleanliness and to simplify cleaning
- Color-coded for easy identification
- UV protected materials are durable in all climates
- Resistant to fertilizers and chemicals

SPECIFICATIONS

- Seven nominal flow rates:
Yellow nozzle - 0.88 GPM
Purple nozzle - 1.10 GPM
Green nozzle - 1.54 GPM
Blue nozzle - 1.98 GPM
Brown nozzle - 2.42 GPM
Orange nozzle - 2.86 GPM
Red nozzle - 3.30 GPM
- Two water trajectory angles:
High - 24 degrees
Low - 15 degrees
- Recommended operating pressure range: 29 to 45 psi
- Inlet connection: 1/2" male threaded

WETTED DIAMETER

Nominal Flow	Nozzle Color	Nozzle Size	3.2' Height 24° Traj.	1.6' Height 15° Traj.
0.88 GPM	YELLOW	0.070"	43'	43'
1.10 GPM	PURPLE	0.084"	44'	44'
1.54 GPM	GREEN	0.096"	46'	46'
1.98 GPM	BLUE	0.109"	52'	46'
2.42 GPM	BROWN	0.121"	56'	46'
2.86 GPM	ORANGE	0.132"	56'	49'
3.30 GPM	RED*	0.144"	56'	-

**Red nozzle available with high trajectory only.*

[Additional Specifications](#) 



**SOUTHERN
IRRIGATION**

MEGANET SPRINKLERS



MEGANET SPRINKLER UNIFORMITY - LOW TRAJECTORY - 15°

UPRIGHT POSITION, 3.3' HEIGHT, 33 psi			SPACING BETWEEN ROWS											
NOZZLE COLOR	NOMINAL FLOW	DISTANCE BETWEEN SPRINKLERS	10'		16'		22'		28'		34'		40'	
			SQ	PR	SQ	PR	SQ	PR	SQ	PR	SQ	PR	SQ	PR
YELLOW	0.88 GPM	10'	99%	0.85	93%	0.52	84%	0.38	91%	0.30	86%	0.25	75%	0.21
		16'	93%	0.52	90%	0.32	82%	0.24	90%	0.19	84%	0.15	76%	0.13
		22'	84%	0.38	82%	0.24	79%	0.17	79%	0.13	74%	0.11	67%	0.09
		28'	91%	0.30	90%	0.19	79%	0.13	76%	0.11	73%	0.09	71%	0.07
		34'	86%	0.25	84%	0.15	74%	0.11	73%	0.09	78%	0.05	72%	0.06
		40'	75%	0.21	76%	0.13	67%	0.09	71%	0.07	72%	0.06	64%	0.05
PURPLE	1.10 GPM	10'	97%	1.08	97%	0.67	86%	0.48	92%	0.38	92%	0.31	82%	0.27
		16'	97%	0.67	94%	0.41	85%	0.30	91%	0.24	88%	0.19	82%	0.17
		22'	86%	0.48	85%	0.30	79%	0.22	84%	0.17	77%	0.14	71%	0.12
		28'	92%	0.38	91%	0.24	84%	0.17	78%	0.13	76%	0.11	74%	0.09
		34'	92%	0.31	88%	0.19	77%	0.14	76%	0.11	81%	0.09	78%	0.08
		40'	82%	0.27	82%	0.17	71%	0.12	74%	0.09	78%	0.08	66%	0.07
GREEN	1.54 GPM	10'	98%	1.33	94%	0.83	97%	0.60	95%	0.48	91%	0.39	80%	0.33
		16'	94%	0.83	93%	0.52	93%	0.38	92%	0.30	90%	0.25	79%	0.21
		22'	97%	0.60	93%	0.38	94%	0.27	88%	0.21	86%	0.18	80%	0.15
		28'	95%	0.48	92%	0.30	88%	0.21	87%	0.17	89%	0.14	78%	0.12
		34'	91%	0.39	90%	0.25	86%	0.18	89%	0.14	85%	0.12	75%	0.10
		40'	80%	0.33	79%	0.21	80%	0.15	78%	0.12	75%	0.10	72%	0.08
BLUE	1.98 GPM	10'	98%	2.09	95%	1.31	96%	0.95	88%	0.75	93%	0.62	87%	0.52
		16'	95%	1.31	93%	0.82	92%	0.60	87%	0.47	91%	0.38	84%	0.33
		22'	96%	0.95	92%	0.60	92%	0.43	84%	0.34	90%	0.28	87%	0.24
		28'	88%	0.75	87%	0.47	84%	0.34	84%	0.27	85%	0.22	77%	0.19
		34'	93%	0.62	91%	0.38	90%	0.28	85%	0.22	82%	0.18	77%	0.15
		40'	87%	0.52	84%	0.33	87%	0.24	77%	0.19	77%	0.15	77%	0.13
BROWN	2.42 GPM	10'	98%	2.25	96%	1.40	94%	1.02	86%	0.80	93%	0.66	88%	0.56
		16'	96%	1.40	94%	0.88	91%	0.64	85%	0.50	91%	0.41	85%	0.35
		22'	94%	1.02	91%	0.64	89%	0.46	83%	0.37	91%	0.30	86%	0.25
		28'	86%	0.80	85%	0.50	83%	0.37	84%	0.29	83%	0.24	75%	0.20
		34'	93%	0.66	91%	0.41	91%	0.30	83%	0.24	80%	0.19	77%	0.17
		40'	88%	0.56	85%	0.35	86%	0.25	75%	0.20	77%	0.17	79%	0.14
ORANGE	2.86 GPM	10'	98%	2.59	96%	1.62	93%	1.18	84%	0.92	91%	0.76	91%	0.65
		16'	96%	1.62	94%	1.01	91%	0.74	83%	0.58	89%	0.48	88%	0.40
		22'	93%	1.18	91%	0.74	89%	0.54	82%	0.42	89%	0.35	88%	0.29
		28'	84%	0.92	83%	0.58	82%	0.42	82%	0.33	80%	0.27	75%	0.23
		34'	91%	0.76	89%	0.48	89%	0.35	80%	0.27	78%	0.23	75%	0.19
		40'	91%	0.65	88%	0.40	88%	0.29	75%	0.23	75%	0.19	79%	0.16

SQ = UNIFORMITY (CU) FOR SPRINKLERS PLACED IN A SQUARE PATTERN

PR = PRECIPITATION RATE

SHADED AREAS = SPACES WITH A CU BELOW 80%

MEGANET SPRINKLER UNIFORMITY - HIGH TRAJECTORY - 24°

UPRIGHT POSITION, 3.3' HEIGHT, 33 psi			SPACING BETWEEN ROWS											
NOZZLE COLOR	NOMINAL FLOW	DISTANCE BETWEEN SPRINKLERS	10'		16'		22'		28'		34'		40'	
			SQ	PR	SQ	PR	SQ	PR	SQ	PR	SQ	PR	SQ	PR
YELLOW	0.88 GPM	10'	95%	0.89	95%	0.54	96%	0.40	85%	0.31	67%	0.26	52%	0.22
		16'	93%	0.54	93%	0.33	91%	0.24	82%	0.19	67%	0.16	52%	0.13
		22'	96%	0.40	91%	0.24	90%	0.18	85%	0.14	66%	0.11	50%	0.10
		28'	85%	0.31	82%	0.19	85%	0.14	79%	0.11	66%	0.09	52%	0.08
		34'	67%	0.26	67%	0.16	66%	0.11	66%	0.09	62%	0.07	47%	0.06
		40'	52%	0.22	52%	0.13	50%	0.10	52%	0.08	47%	0.06	33%	0.06
PURPLE	1.10 GPM	10'	96%	1.09	95%	0.67	94%	0.48	93%	0.38	76%	0.31	61%	0.27
		16'	95%	0.67	94%	0.41	93%	0.30	89%	0.24	76%	0.19	61%	0.17
		22'	94%	0.48	93%	0.30	90%	0.22	91%	0.17	75%	0.06	59%	0.15
		28'	93%	0.38	89%	0.24	91%	0.17	89%	0.13	75%	0.11	60%	0.09
		34'	76%	0.31	76%	0.19	75%	0.14	75%	0.11	71%	0.09	58%	0.08
		40'	61%	0.27	61%	0.17	59%	0.15	60%	0.09	58%	0.08	46%	0.07
GREEN	1.54 GPM	10'	99%	1.42	95%	0.89	97%	0.65	94%	0.51	92%	0.42	79%	0.35
		16'	95%	0.89	93%	0.56	93%	0.40	92%	0.32	90%	0.26	78%	0.22
		22'	97%	0.65	93%	0.40	93%	0.29	89%	0.23	88%	0.19	79%	0.16
		28'	94%	0.51	92%	0.32	89%	0.23	91%	0.18	89%	0.15	76%	0.13
		34'	92%	0.42	90%	0.26	88%	0.19	89%	0.15	84%	0.12	75%	0.10
		40'	79%	0.35	78%	0.22	79%	0.16	76%	0.13	75%	0.10	73%	0.09
BLUE	1.98 GPM	10'	99%	2.03	98%	1.27	94%	0.92	93%	0.73	91%	0.60	91%	0.51
		16'	98%	1.27	98%	0.79	94%	0.58	91%	0.45	91%	0.37	91%	0.32
		22'	94%	0.92	94%	0.58	91%	0.42	90%	0.33	85%	0.27	84%	0.23
		28'	93%	0.73	91%	0.45	90%	0.33	85%	0.26	87%	0.21	88%	0.18
		34'	91%	0.60	91%	0.37	85%	0.27	87%	0.21	90%	0.17	85%	0.15
		40'	91%	0.51	91%	0.32	84%	0.23	88%	0.18	85%	0.15	79%	0.13
BROWN	2.42 GPM	10'	99%	2.53	99%	1.58	95%	1.15	91%	0.90	88%	0.74	92%	0.63
		16'	99%	1.58	98%	0.99	95%	0.72	91%	0.56	88%	0.46	92%	0.40
		22'	95%	1.15	95%	0.72	92%	0.52	90%	0.41	85%	0.34	87%	0.29
		28'	91%	0.90	91%	0.56	90%	0.41	85%	0.32	86%	0.27	90%	0.23
		34'	88%	0.74	88%	0.46	85%	0.34	85%	0.27	86%	0.22	84%	0.19
		40'	92%	0.63	92%	0.40	87%	0.29	90%	0.23	84%	0.19	80%	0.16
ORANGE	2.86 GPM	10'	99%	2.68	98%	1.67	95%	1.22	90%	0.96	86%	0.79	91%	0.67
		16'	98%	1.67	98%	1.05	95%	0.76	90%	0.60	86%	0.49	91%	0.42
		22'	95%	1.22	95%	0.76	92%	0.56	89%	0.44	84%	0.36	86%	0.31
		28'	90%	0.96	90%	0.60	89%	0.44	84%	0.34	83%	0.28	89%	0.24
		34'	86%	0.79	86%	0.49	84%	0.36	83%	0.28	84%	0.23	82%	0.20
		40'	91%	0.67	91%	0.42	86%	0.31	89%	0.24	82%	0.20	78%	0.17
RED	3.30 GPM	10'	99%	2.80	98%	1.75	96%	1.27	91%	1.00	89%	0.83	94%	0.70
		16'	98%	1.75	98%	1.10	96%	0.79	91%	0.63	89%	0.52	93%	0.44
		22'	96%	1.27	96%	0.79	95%	0.58	90%	0.46	87%	0.37	90%	0.32
		28'	91%	1.00	91%	0.63	90%	0.46	86%	0.36	86%	0.29	90%	0.25
		34'	89%	0.83	89%	0.52	87%	0.37	86%	0.29	86%	0.24	85%	0.21
		40'	94%	0.70	93%	0.44	90%	0.32	90%	0.25	85%	0.21	82%	0.17

SQ = UNIFORMITY (CU) FOR SPRINKLERS PLACED IN A SQUARE PATTERN

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SHADED AREAS = SPACES WITH A CU BELOW 80%

ORDERING INFORMATION

ITEM NUMBER	MODEL NUMBER	NOMINAL FLOW	TRAJECTORY	DESCRIPTION
63600-001700	MGN24D-088HO	0.88 GPM	HIGH - 24°	MEGANET, YELLOW NOZZLE, 24°, HEAD ONLY
63600-001750	MGN24D-110HO	1.10 GPM		MEGANET, PURPLE NOZZLE, 24°, HEAD ONLY
63600-001000	MGN24D-154HO	1.54 GPM		MEGANET, GREEN NOZZLE, 24°, HEAD ONLY
63600-002000	MGN24D-198HO	1.98 GPM		MEGANET, BLUE NOZZLE, 24°, HEAD ONLY
63600-003000	MGN24D-242HO	2.42 GPM		MEGANET, BROWN NOZZLE, 24°, HEAD ONLY
63600-004000	MGN24D-286HO	2.86 GPM		MEGANET, ORANGE NOZZLE, 24°, HEAD ONLY
63600-004500	MGN24D-330HO	3.30 GPM	LOW - 15°	MEGANET, RED NOZZLE, 24°, HEAD ONLY
63600-004900	MGN15D-088HO	0.88 GPM		MEGANET, YELLOW NOZZLE, 15°, HEAD ONLY
63600-004950	MGN15D-110HO	1.10 GPM		MEGANET, PURPLE NOZZLE, 15°, HEAD ONLY
63600-005000	MGN15D-154HO	1.54 GPM		MEGANET, GREEN NOZZLE, 15°, HEAD ONLY
63600-006000	MGN15D-198HO	1.98 GPM		MEGANET, BLUE NOZZLE, 15°, HEAD ONLY
63600-007000	MGN15D-242HO	2.42 GPM		MEGANET, BROWN NO