



## 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

## FLOW RATE (GPH) VS. PRESSURE (psi)

NOZZLE COLOUR	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

## WETTED DIAMETER

NOMINAL FLOW	NOZZLE COLOUR	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**



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

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

SQ = UNIFORMITY (CU) FOR SPRINKLERS PLACED IN A SQUARE PATTERN PR = PRECIPITATION RATE SHADED AREAS = SPACES WITH A CU BELOW 80%

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### 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		MEGANET, RED NOZZLE, 24°, HEAD ONLY
63600-004900	MGN15D-088HO	0.88 GPM	LOW - 15°	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 NOZZLE, 15°, HEAD ONLY
63600-008000	MGN15D-286HO	2.86 GPM		MEGANET, ORANGE NOZZLE, 15°, HEAD ONLY

### ACCESSORIES ORDERING INFORMATION

ITEM NUMBER	MODEL NUMBER	DESCRIPTION
64520-002305	03N20STAND0948-B	SPRINKLER STAND, TUBING, CONNECTOR & ADAPTER
64520-002280	03N20STAND0948NDDP	SPRINKLER STAND, TUBING & CONNECTOR
65080-002880	SSP	SPRINKLER STAND PLUG
65080-002610	03N2650800002610	FEMALE X BARB CONNECTOR FOR SPRINKLER STAND
45000-004400	MGNINFIL	MEGANET FILTER
63620-007000	MGNRG	MEGANET ROAD GUARD
45000-001450	PPUNCH8	8MM PLASTIC PUNCH
65080-001220	03175648	6MM STEEL STAKE, 48" LENGTH
63520-005900	034736	BLUE PLASTIC STAKE, 13" LENGTH

