

MEGANET™

ROTATING SPRINKLER WITH EXCELLENT UNIFORMITY UP TO 40' DIAMETER WETTED AREA



APPLICATIONS

HIGH WATER TRAJECTORY ANGLE:

- Open Field Nurseries
- Vegetables and Open Field Crops
- Germination and Frost Protection
- Cooling Fruit Orchards

LOW WATER TRAJECTORY ANGLE:

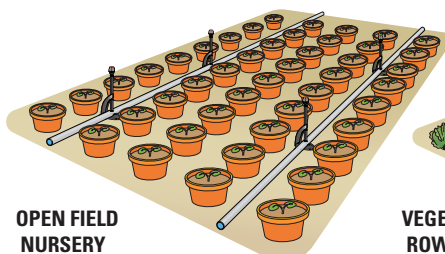
- Shade/Net Houses
- Under Tree Irrigation

SPECIFICATIONS

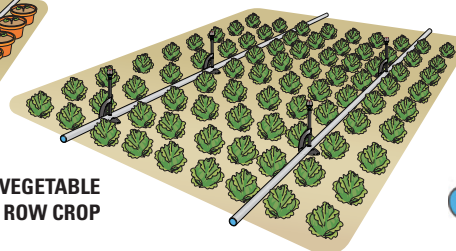
- Seven Nominal Flow Rates:
Yellow Nozzle - 0.88 GPM
Purple Nozzle - 1.10 GPM
Green Nozzle - 1.54 GPM
Blue Nozzle - 1.98 GPM
Brown Nozzle - 2.42 GPM
Orange Nozzle - 2.86 GPM
Red Nozzle - 3.30 GPM
- Two Water Trajectory Angles:
High - 24 degrees
Low - 15 degrees
- Recommended Operating Pressure Range:
29 to 45 psi (at the sprinkler head)
- Inlet Connection: ½" Male Threaded
- Lowest Continuous pH of Water Applied: 6.0
- Recommended Filtration:
Clean Water - Not Required
Dirty Water (lakes, rivers) - 40 mesh
Well Water (with sand) - Hydrocyclone

PRODUCT ADVANTAGES

- Perfectly balanced sprinkler with two equal water jets - no wobble.
- Robust design is closed and compact preventing insect penetration and protecting internal parts.
- Excellent distribution uniformity.
- Install on solid sets or in 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.
- Optional MegaStand™ for leak-proof connection to FlexNet™ flexible pipe.



OPEN FIELD NURSERY



VEGETABLE ROW CROP

MegaNet Sprinklers on MegaStands connected to FlexNet flexible pipe

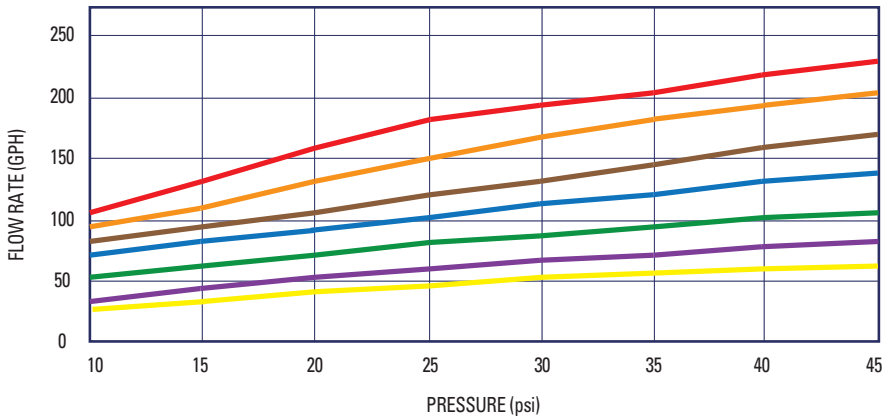
NEW!!

MEGASTAND™ SPRINKLER STAND

High quality, durable sprinkler stand connects to Netafim FlexNet Flexible Pipe. The riser threads into the FlexNet ½" integral welded connector for a leak-proof connection. Risers can be combined to increase the sprinkler stand height from 16" to 32" to 48". Three separate pieces make assembly and disassembly quick and easy.



MEGANET™ SPRINKLER



- RED NOZZLE
- ORANGE NOZZLE
- BROWN NOZZLE
- BLUE NOZZLE
- GREEN NOZZLE
- PURPLE NOZZLE
- YELLOW NOZZLE



FLOW RATE (GPH) VS. PRESSURE (psi)

NOZZLE COLOR	K	X	PRESSURE (psi)							
			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



ORDERING INFORMATION - SPRINKLER HEAD ONLY

MODEL NUMBER	NOMINAL FLOW	TRAJECTORY	NOZZLE COLOR
MGN24D-088HO	0.88 GPM	HIGH - 24°	YELLOW NOZZLE
MGN24D-110HO	1.10 GPM		PURPLE NOZZLE
MGN24D-154HO	1.54 GPM		GREEN NOZZLE
MGN24D-198HO	1.98 GPM		BLUE NOZZLE
MGN24D-242HO	2.42 GPM		BROWN NOZZLE
MGN24D-286HO	2.86 GPM		ORANGE NOZZLE
MGN24D-330HO	3.30 GPM		RED NOZZLE
MGN15D-088HO	0.88 GPM	LOW - 15°	YELLOW NOZZLE
MGN15D-110HO	1.10 GPM		PURPLE NOZZLE
MGN15D-154HO	1.54 GPM		GREEN NOZZLE
MGN15D-198HO	1.98 GPM		BLUE NOZZLE
MGN15D-242HO	2.42 GPM		BROWN NOZZLE
MGN15D-286HO	2.86 GPM		ORANGE NOZZLE

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.

ACCESSORIES ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
03N20STAND0948-B	SPRINKLER STAND, TUBING, CONNECTOR & ADAPTER
03N20STAND0948NODP	SPRINKLER STAND, TUBING & CONNECTOR
SSP	SPRINKLER STAND PLUG
03N265080002610	FEMALE X BARB CONNECTOR FOR SPRINKLER STAND
MGNINFIL	MEGANET FILTER
MGNRG	MEGANET ROAD GUARD
PPUNCH8	8MM PLASTIC PUNCH
03175648	6MM STEEL STAKE, 48" LENGTH
034736	BLUE PLASTIC STAKE, 13" LENGTH



MEGASTAND ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
MGNBASE	BASE FOR RISER
MGNSUPPORTINGARM	SUPPORTING ARM FOR RISER
MGNRISER-16	RISER 1/2" MPT X 16" *

NOTE: ORDER (1) OF EACH ITEM FOR A COMPLETE ASSEMBLY
* RISERS CAN BE COMBINED TO INCREASE THE STAND HEIGHT UP TO (3) FOR 48" TOTAL HEIGHT

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	85%	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

PR = PRECIPITATION RATE

SHADED AREAS = SPACES WITH A CU BELOW 80%

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%

SINGLE LINE (STRIP) UNIFORMITY - 24° HIGH TRAJECTORY

NOZZLE COLOR/FLOW	PRESSURE (psi)	HEIGHT	BETWEEN SPRINKLERS	STRIP WIDTH	CU	PRECP/HOUR	% IN STRIP
GREEN	29	3'	13'	25'	88	0.26"	65
1.54 GPM	29	3'	13'	30'	86	0.25"	72
BROWN	29	3'	13'	30'	93	0.38"	72
2.42 GPM	29	3'	13'	40'	89	0.36"	91
RED	29	3'	13'	33'	94	0.45"	65
3.30 GPM	29	3'	13'	42'	89	0.42"	80

SAMPLE OF THREE FLOWS ILLUSTRATING % OF WATER IN THE STRIP AND MAXIMUM STRIP WIDTH - OTHER FLOWS ALSO AVAILABLE.



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