

MEGANET™

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



APPLICATIONS

HIGH WATER TRAJECTORY ANGLE:

- Open Field Nurseries

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: 1/2" 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

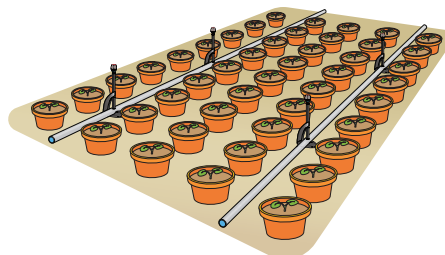
PRODUCT ADVANTAGES

- 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.

NEW!!

MEGASTAND™ SPRINKLER STAND

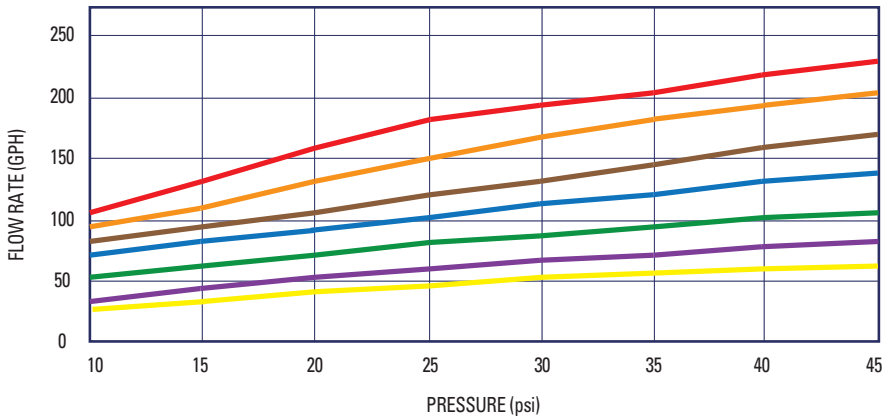
High quality, durable sprinkler stand connects to Netafim FlexNet Flexible Pipe. The riser threads into the FlexNet 1/2" integral welded connector for a leak-proof connection. Risers can be combined to increase the sprinkler stand height from 16" to 32" to 48". Three separate pieces make assembly and disassembly quick and easy.



MegaNet Sprinklers on MegaStands connected to FlexNet flexible pipe



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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