

# MegaNet™ 24D

Unique encapsulated and protected impact sprinkler with high water trajectory angle - 24degrees, for field crops and vegetable irrigation.



Uniform Wetting & Higher Yield



Insect protected



Anti-Clogging

Applications



Open field crop & vegetable irrigation



Crop germination



Orchards frost mitigation & cooling

## / Benefits & Features

- **Uniform wetting & higher yield** MegaNet™ has symmetric structure allows the water split to two equal water jets, that contribute to a balanced sprinkler, providing very high water distribution uniformity
- **Anti-Clogging** Unique integral filter inside the MegaNet™ ensures clean water inside the nozzle. This filter can be easily cleaned if needed
- **Insect protected** Innovative encapsulated design with unique pop-up mechanism, that opens only during operation, extends the life of the nozzle and other moving parts by preventing insects and dirt particles from obstructing the sprinkler
- **Increased germination percentage** MegaNet™ provides gentle water jet, and relatively small drops near the ground and does not groove the soil along the whole irrigation event (including startup and shut off), which prevents from the seed to be exposed out of the soil
- **Reduced labor cost and reduced maintenance** Versatile installation. Can be installed on solid sets or on removable field stands  
Long-term reliable service, simple, modular parts, clog resistant design  
MegaNet™ is made of superior raw material makes it resistant to agrochemicals & weather conditions

# Specifications & Recommendations

- ✓ Unique impact sprinkler full coverage installation with spacing up to 10x12 meters
- ✓ 7 different flow rates: 200, 250, 350, 450, 550, 650, 750l/h
- ✓ Nominal flow rate at: 2.3bar
- ✓ Recommended pressure range: 2.0 - 3.0bar
- ✓ Water Trajectory angle: 24degrees
- ✓ Nozzle Protection:
  - Integral filter at the inlet of the sprinkler
  - Pop up mechanism: For insect penetration protection
- ✓ Water distribution using a special rotating turbine and two identical symmetrical nozzles
- ✓ 3 types of inlet connectors:
  - 1/2" Male threaded
  - 20mm ISO inlet connector (to be glued to PVC)
  - 1/2" ASTM inlet connector (to be glued to PVC)
- ✓ 2 body types:
  - Standard
  - Anti Darin valve
- ✓ Color coded for easy identification:
  - Cap is color coded according to the flow rate
  - Locking pin for 24D model is black
- ✓ Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications
- ✓ MegaNet™ sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII)
- ✓ Recommended filtration\*: 400mic. / 40mesh

\*Note: Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100ppm, pre-treatment shall be applied according to Netafim™ instructions

## → Technical Data

Nozzle Size (mm)	Code Color	Working Pressure (bar)	Flow Rate (l/h)	Wetted Diameter* (m)	Precipitation (mm/h)							
					Spacing (m x m)							
					7 x 8	8 x 8	8 x 10	9 x 9	10 x 10	10 x 11	10 x 12	
1.85	Yellow	2.5	210	11.0	3.6	3.3						
		3.0	230	11.0	3.8	3.6						
2.06	Purple	2.5	258	12.0	4.4	4.0						
		3.0	283	12.0	4.8	4.4						
2.44	Green	2.5	362	14.0	5.9	5.6	4.5	4.4	3.6			
		3.0	396	14.0	6.5	6.2	5.0	4.9	4.0			
2.79	Blue	2.5	461	17.0	8.1	7.2	5.8	5.7	4.6	4.2	3.9	
		3.0	505	17.0	8.7	7.9	6.3	6.2	5.0	4.6	4.2	
3.08	Brown	2.5	553	18.0	10.0	8.6	6.9	7.2	5.5	5.0	4.6	
		3.0	605	18.0	10.1	9.5	7.6	7.5	6.1	5.5	5.1	
3.37	Orange	2.5	678	18.0	11.5	10.6	8.5	8.4	6.8	6.2	5.7	
		3.0	743	18.0	12.3	11.6	9.3	9.2	7.4	6.8	6.2	
3.68	Red	2.5	785	18.0	13.4	12.3	9.8	9.7	7.9	7.1	6.6	
		3.0	860	19.0	15.0	13.4	10.7	10.6	8.6	7.8	7.2	

\* at least 0.5mm/h

\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0meter above ground

CU = or > than 92%

CU = or > 88% and < 92%



CU = or > 86% and < 88%

CU < 86%

## → Packaging Data

MegaNet™	Quantity P/ Box Units	Box Size (cm x cm x cm)	Box Weight (kg)	Boxes P/Pallet	Total Units P/Pallet	Pallet Weight (kg)
Head only	200	18 x 34 x 79	11.0	20	4000	232


→ MegaNet™ 24D Head Only

	1/2" Threaded Inlet Connector	1/2" Threaded Inlet Connector + AD
Model & Nozzle Color		
200 / Yellow	63600-001700	63600-001720
250 / Purple	63600-001750	63600-001730
350 / Green	63600-001000	63600-001900
450 / Blue	63600-002000	63600-002010
550 / Brown	63600-003000	63600-003010
650 / Orange	63600-004000	63600-004010
750 / Red	63600-004500	63600-004510


Missing catalog numbers available upon request

→ MegaNet™ 24D Components


MegaNet™ Top

	Model & Nozzle Color	Catalog Number
	200 / Yellow	63620-008100
	250 / Purple	63620-008150
	350 / Green	63620-008200
	450 / Blue	63620-008300
	550 / Brown	63620-008400
	650 / Orange	63620-008500
	750 / Red	63620-008600


MegaNet™ Complete Upper Body

	Model & Nozzle Color	Catalog Number
	200 / Yellow	63620-009700
	250 / Purple	63620-009750
	350 / Green	63620-009800
	450 / Blue	63620-009900
	550 / Brown	63620-010000
	650 / Orange	63620-010100
	750 / Red	63620-010200


MegaNet™ 1/2" Threaded Inlet Body

	63620-004200
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MegaNet™ Filter

	63620-004400
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MegaNet™ Service Key

	63620-004500
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MegaNet™ Road Guard

	63620-007000
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MegaNet™ Locking Pin Turbine

	Product Description
	MGN LOCKING PIN BLACK A 50/BAG
	<b>50 Units/Bag</b>
	63620-001510









MegaNet™ Turbine

	Product Description
	MGN TURBINE B GREY TURBINE 50/BAG FOR FLOWS 450, 550, 650, 750 L/H
	<b>50 Units/Bag</b>
	63620-002110
	MGN TURBINE B GREY TURBINE 50/BAG FOR FLOWS 450, 550, 650, 750 L/H
	<b>50 Units/Bag</b>
	63620-002010

MegaNet™ Colored Cap

	Model & Nozzle Color	Product Description	Catalog Number
	200 / Yellow	MGN CAP YELLOW 200 50/BAG	63620-004860
	250 / Purple	MGN CAP PURPLE 250 50/BAG	63620-004910
	350 / Green	MGN CAP GREEN 350 50/BAG	63620-005010
	450 / Blue	MGN CAP BLUE 450 50/BAG	63620-005110
	550 / Brown	MGN CAP BROWN 550 50/BAG	63620-005210
	650 / Orange	MGN CAP ORANGE 650 50/BAG	63620-005310
	750 / Red	MGN CAP RED 750 50/BAG	63620-005410

## → Sprinklers Stands & Complementary Products

Product Illustration	Description	Catalog Number
<b>Vegetable Stand</b>		
	IMP SPRINKLER STAND 9*12 120CM W/O STK F&S PE	64520-004900
	IMP SPRINKLER STAND 9*12 120CM W/O STK F&S FLX	64520-004910
<b>NetaStand™ Base</b>		
	BASE NETASTAND™ FEMALE THREAD ½"-24/CAR: BASE FOR ½" RISER <b>Order by box:</b> 1 box contain 24 units	60101-000900
	BASE NETASTAND™ FEMALE THREAD ¾" 24/CAR: BASE FOR ¾" RISER. <b>Order by box:</b> 1 box contain 24 units	60101-000901
<b>Riser</b>		
	MEGA-RISER ½"- 0.4MLENGTH - ½" MTH - ½" FTH	64520-002490
	PLASTIC RISER ¾" MALE FEMALE THREAD 40CM COMPLETE	60101-000650
<b>Adaptors For NetaStand™ PE</b>		
	NETASTAND™ ADAPTOR PE 50MM	60101-000935
	NETASTAND™ ADAPTOR PE 63MM	60101-000936
<b>Pre-Cut FlexNet™ And Adaptors For NetaStand™ FlexNet™</b>		
	NETASTAND™ 9M FXN HPPP 2" W/ 2"CONC 120 SETS/PALLET	60101-000964
	NETASTAND™ 10M FXN HPPP 2" W/2"CONC 120 SETS/PALLET	60101-000965
	NETASTAND™ 12M FXN HPPP 2" W/2"CONC 120 SETS/PALLET	60101-000966
	NETASTAND™ PLUG	60101-000953

For additional information on sprinklers stands and assembly instructions please review "Sprinklers Stands" section