



MEGANET™ 15D

15 DEGREES ROTATING IMPACT SPRINKLER



APPLICATIONS

For under tree irrigation and shade/net houses.

For vegetables and open field crops, open field nurseries, crops germination, frost mitigation, cooling fruit orchards and roof dust cleaning.

BENEFITS AND FEATURES

Ensures high and uniform yield

- The MegaNet™ has symmetric structure that allows the water split to two equal water jets, that contribute to a balanced sprinkler, providing very high water distribution uniformity.

Increased germination percentage

- Thanks to the gentle water jet, and relatively small drops near the ground, the MegaNet™ 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 maintenance cost

- The MegaNet™ has a popup mechanism and it opened only during irrigation, this mechanism protects the nozzle and protect the sprinkler's moving parts, by preventing insects and dirt particles to get inside the sprinkler.
- Each MegaNet™ sprinkler has an integral filter that ensures clean water inside the nozzle. In addition, this filter can be easily cleaned if needed.
- Extended product life achieved by superior raw material composition resistant the chemicals, fertilizers, and sun exposure.

SPECIFICATIONS

- 7 different nominal flow rates: 200, 250, 350, 450, 550, 650, 750 l/h.
Nominal flow rates at 2.3 bar pressure.
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Recommended filtration: 400 micron / 40 mesh.
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed before the main filter. When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- Can be installed on solid sets or in removable field stands.
- Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications.
- Water trajectory: 15 degrees
- Inlet connector: 1/2" male threaded.
- Code colored locking pins and caps for easy identification.
- 2 balanced water jets.
- Individual filter in each sprinkler.
- MegaNet™ sprinklers meet ISO 8026 standards (SI 1406) with production certified by the Israel Standards Institute (SII).

PERFORMANCE TABLE

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	14.0	3.8	3.3	2.6	2.6	2.1	1.9	1.8
		3.0	230	14.0	4.1	3.6	2.9	2.8	2.3	2.1	1.9
2.06	Purple	2.5	258	14.0	4.6	4.0	3.2	3.2	2.6	2.3	2.2
		3.0	283	14.0	5.1	4.4	3.5	3.5	2.8	2.6	2.4
2.44	Green	2.5	362	14.0	6.5	5.7	4.5	4.5	3.6	3.3	3.0
		3.0	396	14.0	7.1	6.2	5.0	4.9	4.0	3.6	3.3
2.79	Blue	2.5	461	16.0	8.2	7.2	5.8	5.7	4.6	4.2	3.8
		3.0	505	16.0	9.0	7.9	6.3	6.2	5.1	4.6	4.2
3.08	Brown	2.5	553	16.0	9.9	8.6	6.9	6.8	5.5	5.0	4.6
		3.0	605	16.0	10.8	9.5	7.6	7.5	6.1	5.5	5.0
3.37	Orange	2.5	678	16.0	12.1	10.6	8.5	8.4	6.8	6.2	5.7
		3.0	743	16.0	13.3	11.6	9.3	9.2	7.4	6.8	6.2
3.68	Red	2.5	785	17.0	14.0	12.3	9.8	9.7	7.9	7.1	6.5
		3.0	860	17.0	15.4	13.4	10.8	10.6	8.6	7.8	7.2

* at least 0.5 mm/h

**Performance table prepared under laboratory conditions, sprinkler head 0.5 meter 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™ 15D Head only


Catalog number : **63600** - (any of below 6 digits)


MODEL	1/2" THREADED INLET CONNECTOR	20 MM ISO INLET CONNECTOR	1/2" ASTM INLET CONNECTOR	1/2" THREADED INLET CONNECTOR + AD
				
200	004900			
250	004950			
350	005000			
450	006000	010100	010500	005010
550	007000	010200	010600	006010
650	008000			
750	009000			

Missing catalog numbers available upon request

MEGANET™ 15D COMPONENTS

Catalog number : **63620** - (any of below 6 digits)



MODEL	CATALOG NUMBER	SPRINKLER ILLUSTRATION
200	007400	
250	007450	
350	007500	
450	007600	
550	007700	
650	007800	
750	007620	

MODEL	CATALOG NUMBER	SPRINKLER ILLUSTRATION
200	008900	
250	008950	
350	009000	
450	009100	
550	009200	
650	009300	
750	009400	

MEGANET™ 15D COMPONENTS

MEGANET™ 1/2" THREADED INLET BODY		MEGANET™ C20MM ISO GLUED INLET BODY		MEGANET™ C1/2" ASTM GLUED INLET BODY	
63620-004200		63620-004190		63620-004150	
MEGANET™ FILTER		MEGANET™ SERVICE KEY		MEGANET™ ROAD GUARD	
63620-004400		63620-004500		63620-007000	
MEGANET™ COLORED CAP	SAP DESCRIPTION	CATALOG NUMBER		MEGANET™ TURBINE	
200	MGN CAP YELLOW 200 50/BAG	63620-004860		MGN TURBINE B GREY TURBINE 50/BAG	
250	MGN CAP PURPLE 250 50/BAG	63620-004910		50 units/bag	
350	MGN CAP GREEN 350 50/BAG	63620-005010		63620-002110	
450	MGN CAP BLUE 450 50/BAG	63620-005110		MEGANET™ LOCKING PIN TURBINE	
550	MGN CAP BROWN 550 50/BAG	63620-005210		MGN LOCKING PIN GREY B 50/BAG	
650	MGN CAP ORANGE 650 50/BAG	63620-005310		50 units/bag	
750	MGN CAP RED 750 50/BAG	63620-005410		63620-001610	

COMPLEMENTARY PRODUCTS

PRODUCT DESCRIPTION	CATALOG NUMBER	CONNECTOR ILLUSTRATIONS
SOCKET 1/2" FTH - 1/2" FTH	65080-004500	
REDUCER COUPLING 3/4" FTH - 1/2" FTH	65080-004600	

SPRINKLER STANDS

MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH		MEGA-SUPPORTING ARM		MEGA-BASE	
64520-002490		64520-002485		64520-002480	
IMP SPR STAND 9*12 120CM W/OSTK F&S PE		IMP SPR STAND 9*12 120CM W/OSTK F&S FLX			
64520-004900		64520-004910			

For additional information on sprinklers stands and assembly instructions please review MegaNet™ user manual