

MegaNet™

Innovative fortress impact sprinkler with twin jet design, MegaNet™ delivers highly uniform water distribution ideally suited to heap leaching in gold and silver mines up to 10x10 meters spacing.



Uniform distribution



High clogging resistance



High durability

/ Benefits & Features

- **Uniform distribution** Innovative double water channels are specially designed to ensure superb uniform water and other liquids distribution and coverage across the heap.
- **High clogging resistance** Offers exceptional clogging resistance, ensuring consistent performance even under harsh solution conditions.
- **High durability** Offers superior resistance to chemicals and acids, minimizing maintenance and repair costs. Components are crafted from materials designed to withstand high acid concentrations found in mines.
- **Suitable for sloping heaps** Well suited for sloping heap topologies - easy to install with excellent coverage.

/ Specifications

- 7 different flow rates: 200, 250, 350, 450, 550, 650, 750 l/h.
- Nominal flow rate at: 2.3 bar.
- Recommended pressure range: 2.0 - 3.0 bar.
- Water trajectory angle: 15 or 24 degrees.
- Nozzle protection: Integral filter at the inlet of the sprinkler.
- Water distribution using a special rotating turbine and two identical symmetrical nozzles.
- Inlet connectors: 1/2" male threaded.
- Color coded for easy identification: Cap is color coded according to the flow rate. Locking pin for 15D model is white, for 24D model is black.
- Made of UV-protected materials, durable to all climate conditions and chemicals injected in gold and silver mines.
- Compliance ISO 8026 international standards.
- Recommended filtration*: 400 micron / 40 mesh.

*Note: Filtration method selected based on the kind and concentration of dirt particles contained in the solution. Wherever sand exceeding 2 ppm exists in the solution, a Hydrocyclone should be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment it should be applied following Netafim™ expert instructions.

→ Technical data

Model	Nozzle color	Nozzle size (mm)	Max. working pressure (bar)	Constant K	Exponent X	MegaNet 15D wetted diameter at 0.5 m height (m)	MegaNet 24D wetted diameter at 0.5 m height (m)
200	Yellow	1.85	3.0	42.0	0.5	14.0	11.0
250	Purple	2.06		51.6			102.0
350	Green	2.44		72.3			14.0
450	Blue	2.79		92.2		16.0	17.0
550	Brown	3.08		110.5		18.0	
650	Orange	3.37		135.6			
750	Red	2.68		157.0		17.0	

→ Flow rate (l/h) vs pressure (bar)

Model	2.0	2.5	3.0
200	163	188	230
250	200	231	283
350	280	323	396
450	357	412	505
550	428	494	605
650	525	606	743
750	608	702	860

→ Catalog numbers

Model	MegaNet™ 15D ½" threaded inlet connector	MegaNet™ 24D ½" threaded inlet connector
200	63600-004900	63600-001700
250	63600-004950	63600-001750
350	63600-005000	63600-001000
450	63600-006000	63600-002000
550	63600-007000	63600-003000
650	63600-008000	63600-004000
750	63600-009000	63600-004500

→ MegaNet™ 15D performance data

Nozzle size (mm)	Color code	Working pressure (bar)	Flow rate (l/h)	Watted 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		4.1	3.6	2.9	2.8	2.3	2.1	1.9
2.06	Purple	2.5	258		4.6	4.0	3.2	3.2	2.6	2.3	2.2
		3.0	283		5.1	4.4	3.5	3.5	2.8	2.6	2.4
2.44	Green	2.5	362		6.5	5.7	4.5	4.5	3.6	3.3	3.0
		3.0	396		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		9.0	7.9	6.3	6.2	5.1	4.6	4.2
3.08	Brown	2.5	553		9.9	8.6	6.9	6.8	5.5	5.0	4.6
		3.0	605		10.8	9.5	7.6	7.5	6.1	5.5	5.0
3.37	Orange	2.5	678		12.1	10.6	8.5	8.4	6.8	6.2	5.7
		3.0	743		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		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 1.0 meter above ground

→ MegaNet™ 24D performance data

Nozzle size (mm)	Color code	Working pressure (bar)	Flow rate (l/h)	Watted 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		3.8	3.6						
2.06	Purple	2.5	258	12.0	4.4	4.0						
		3.0	283		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		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		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		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		12.3	11.6	9.3	9.2	7.4	6.8	6.2	
3.68	Red	2.5	785	19.0	13.4	12.3	9.8	9.7	7.9	7.1	6.6	
		3.0	860		15.0	13.4	10.7	10.6	8.6	7.8	7.2	

* at least 0.5 mm/h

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