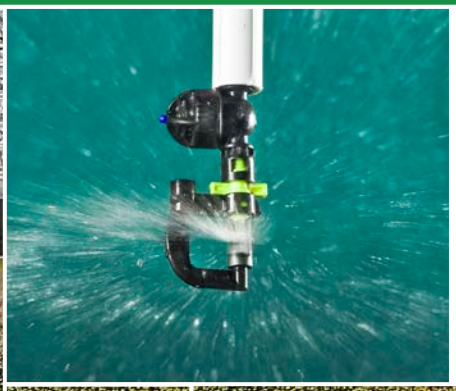
Hadar 7110 Micro Sprinkler



Versatile irrigation applications in horticulture and viticulture

Hadar 7110 Micro Sprinkler

- Modular construction and bayonet coupling
- Suitable for irrigation, propagation and micro climate

Rivulis

www.rivulis.com

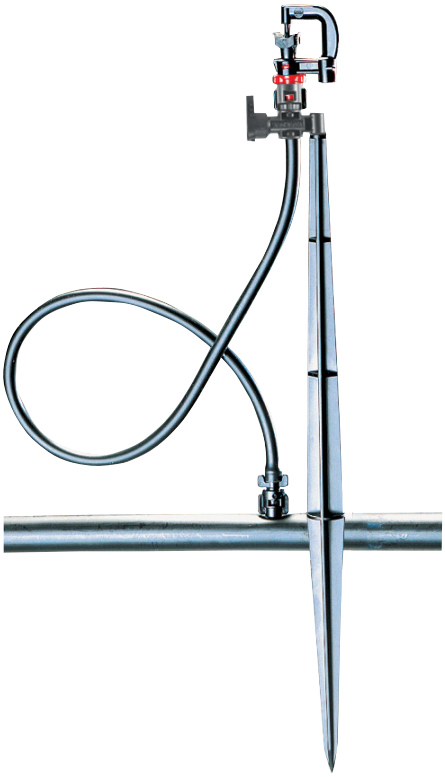
Hadar 7110 - a micro sprinkler with modular construction and bayonet coupling, suitable for irrigation, propagation and micro climate

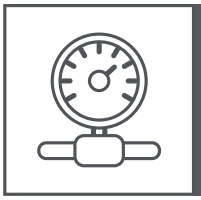
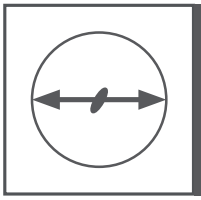
Hadar 7110 extends its functionality to orchards, greenhouses, nurseries, and landscapes, catering to diverse agricultural needs. Featuring a bayonet coupling, the Hadar 7110 boasts a modular construction for easy use and modification, ensuring adaptability to specific requirements.

With a wide range of wetted patterns with nine different inserts, it provides flexibility in irrigation coverage. It incorporates 11 color-coded nozzles with flow rates ranging from 23 to 333 l/h, guaranteeing excellent water distribution across varied landscapes.

For added assurance, the Hadar 7110 can be used with a Leakage Prevention Device (LPD), enhancing its reliability and efficiency in water management.

Technical data



	Recommended working pressure: **1.5-3.0 bar**
	Wetted diameter: **1.7-11.0 m**
	Filtration requirements: • **0.8-1.2 mm nozzles: 130 microns** • **>1.3 mm nozzles: 200 microns**

Wetted diameter (m) at 2.0 Bar

Nozzle size (mm)	Nozzle color	Flow rate (l/h)	 Mist sprayer	 Small sprayer	 Extra-range and insect-resistant sprayer	 Half-circle (180°) sprayer	 Mini-range rotor 40L	 Medium-range rotor	 Extra-range rotor	 Inverted rotor*
0. 65	Turquoise									
0.8	Black	33	2.0	2.2						
0.9	Grey	41	2.1	2.3	2.4		6.0			
1.0	Purple	50	2.3	2.4	3.0			6.6		8.4
1.1	Red	61	2.4	2.6	3.2			7.0		8.5
1.2	Orange	75	2.6	2.8	3.6			7.5		9.0
1.3	Green	87	3.0	2.9	3.6	3.0		8.5		9.5
1.4	Blue	103	3.3	3.1	3.6	3.1			9.4	10.0
1.6	Yellow	128	3.6	3.0	3.7	3.3			9.6	10.2
1.8	Bright Green	166	4.1	3.0	3.8	3.4			10.2	10.6
2.0	White	199	4.4	3.2	3.9	3.5			10.4	11.0
2.3	Brown	265	5.4		4.2	3.7			10.6	

*Tested under laboratory conditions at 2.0 above ground

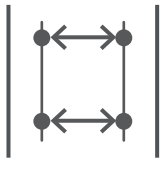
Performance table 7110 inverted rotor at 2.0 bar

Nozzle (mm)	Nozzle color	Flow rate (l/h)	Diameter (m)	Precipitation (mm/h) Spacing (m)								
				3x3	3x4	3x5	4x4	4x5	4x6	5x5	5x6	6x6
1.3	Green	87	9.5	9.7	7.3	5.8	5.4	4.4		3.5		
1.4	Blue	103	10.0	11.4	8.6	6.9	6.4	5.2				
1.6	Yellow	128	10.2	14.2	10.7	8.5	8.0	6.4	5.3	5.1	4.3	3.6
1.8	Bright Green	166	10.6	18.7	14.0	11.2	10.5	8.4	7.0	6.7	5.6	4.7
2.0	White	199	11.0	22.1	16.6	13.3	12.4	10.0	8.3	8.0	6.6	5.5

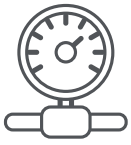
*Tested under laboratory conditions at 2.0 above ground

Color code distribution uniformity	CU>92%	CU=89-92%	CU=85-88%	CU<85%

Mist sprayer for propagation



Spacing on line: **1.0m**
Spacing between laterals:
2 for 1.4-1.6m table width
1 for 1.2m table width



Recommended working pressure:
2.5-4.0 bar

7110
Inverted rotor with LPD

7110 mist sprayer
4.0 mm inserted base

Leakage Prevention Device (Super LPD)

Hadar 7110 Micro Sprinkler