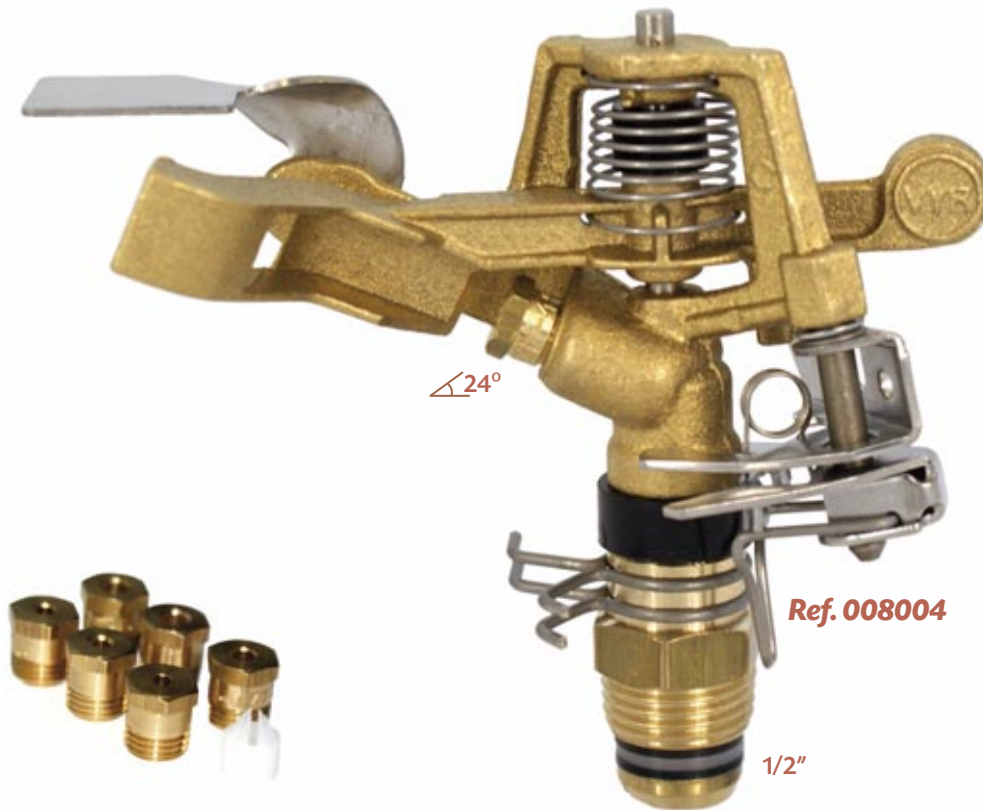


VYR-80 AG



VYR-80 AG · Part circle AG

GENERAL PROPERTIES:

- Riser-mounted impact sprinkler for gardening, agriculture, flower growing and greenhouses.
- 1/2" male connection.
- Made of brass and stainless steel.
- High-resistance rotating joints.
- Arm with anti-splash design.
- Adjustable deflector plate.
- Irrigation area system controlled by rotating clips.
- Adjustable jet breaker diffuser pin.

TECHNICAL SPECIFICATIONS:

- Range distance: 9 - 14 m / 30 - 46 ft.
- Flow: 460 - 1180 L/H / 121 - 312 GPH.
- Working pressure: 1,5 - 4 BAR / 22 - 58 PSI.
- Area: Full or part circle.
- Nozzles: A multi-jet nozzle.
- Trajectory angles: 24°
- Maximum stream height: 2.6 m / 8,5 ft.
- Rotation time: Adjustable. Depending on the pressure and the nozzles, the rotation will be constant and continuous.
- Uniformity coefficient higher than 90% in areas of 11x11R, 12x12T and 12x13T (meters).

APPLICATIONS:

- Public and private gardens.
- Horticultural plantations, floriculture and fruit trees.

MEASUREMENTS:

- Height: 14 cm / 5,5 in.
- Width: 12 cm / 4,7 in.
- Weight: 266 g / 0,58 Lbs.
- Units per box: 75

OPTIONS:

- Self-compensating flow control valves of 1.5 and 2 BAR
- Assembled as a "complete support kit" on a 1.3 or 0.7 m galvanized stake with microtube and connectors.
- Assembled as a "complete support kit" on a brass, aluminium or plastic spike.
- Assembled as a "complete support kit" on an aluminium base.

MODELS:

- Ref. 008001: Full circle with deflector.
- Ref. 008002: Full circle.
- Ref. 008004: Part (or full) circle with deflector.
- Ref. 008005: Part (or full) circle.

This sprinkler is strong and durable enough to work for many years in urban gardens in tough conditions, caused by vandalism and impact from maintenance equipment.

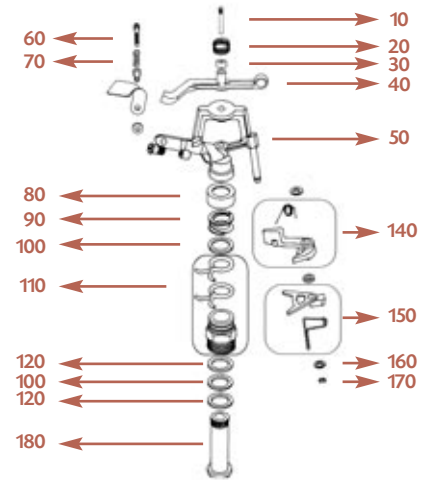


TABLES & PARTS

Technical guidance table VYR-80 AG

NOZZLE	Spacing (m) / Precipit. rate (mm/h) Spacing (ft) / Precipit. rate (in/h)						
	BAR PSI	9x9 30x30	9x9 T 30x30 T	10x10 33x33	10x10 T 33x33 T	10x12 33x39	12x12 T 39x39 T
3 mm 0,2"	2,5	7,7	7,4	6,3	5,3	4,6	3,5
	36	0,30	0,29	0,25	0,21	0,18	0,14
	3	8,2	7,8	6,6	6	5,2	4
3,5 mm 9/64"	44	0,32	0,31	0,26	0,24	0,20	0,16
	3,5	8,9	8,4	7,9	7,6	6,8	5,5
	51	0,35	0,33	0,31	0,30	0,27	0,22
4 mm 5/32"	2,5	9,7	9	7,6	7,3	6,6	5,5
	36	0,38	0,35	0,30	0,29	0,26	0,22
	3	10,6	9,8	8,3	8	7,2	6
3,5 mm 9/64"	44	0,42	0,39	0,33	0,31	0,28	0,24
	3,5	11,5	10,6	8,9	8,6	7,8	6,5
	5	0,45	0,42	0,35	0,34	0,31	0,26
4 mm 5/32"	2,5	12	11,1	9,3	9	8,1	6,8
	36	0,47	0,44	0,37	0,35	0,32	0,27
	3	13,1	12,1	10,2	9,8	8,9	7,4
3,5 mm 9/64"	44	0,52	0,48	0,40	0,39	0,35	0,29
	3,5	14,2	13,1	11	10,6	9,6	8
	5	0,56	0,52	0,43	0,42	0,38	0,31

T: Triang. CU < 85% CU 85-88% CU 88-92% CU > 92%



Performance nozzle tables VYR-80 AG

NOZZLE	3 mm 0,2"		3,5 mm 9/64"		4 mm 5/32"	
	BAR PSI	L/H GPH Ø m Ø ft	L/H GPH Ø m Ø ft	L/H GPH Ø m Ø ft	L/H GPH Ø m Ø ft	L/H GPH Ø m Ø ft
1,5	450	20	580	21	730	22
22	119	66	153	69	193	72
2	510	21	660	22	850	23
29	135	69	174	72	224	75
2,5	550	22	740	23	950	24
36	145	72	195	75	251	79
3	630	23	810	23	1030	24
44	166	75	214	75	272	79
3,5	680	23	870	24	1110	25
51	180	75	230	79	293	82
4	720	24	930	25	1180	26
58	190	79	246	82	312	85

Solamente para aspersores circulares.
Only for full circle series.

- For optimum distribution avoid use in shady areas.
- Sprinklers will be supplied with standard nozzles unless otherwise specified.
- In order to calculate the flow, add the flows of the two nozzles. The range of the rear nozzle must be less than that of the main nozzle.
- These results has been obtained at indoor laboratory with 0 m/seg win velocity. Outdoor results may change range distances.

Standard Ø: Diameter range

