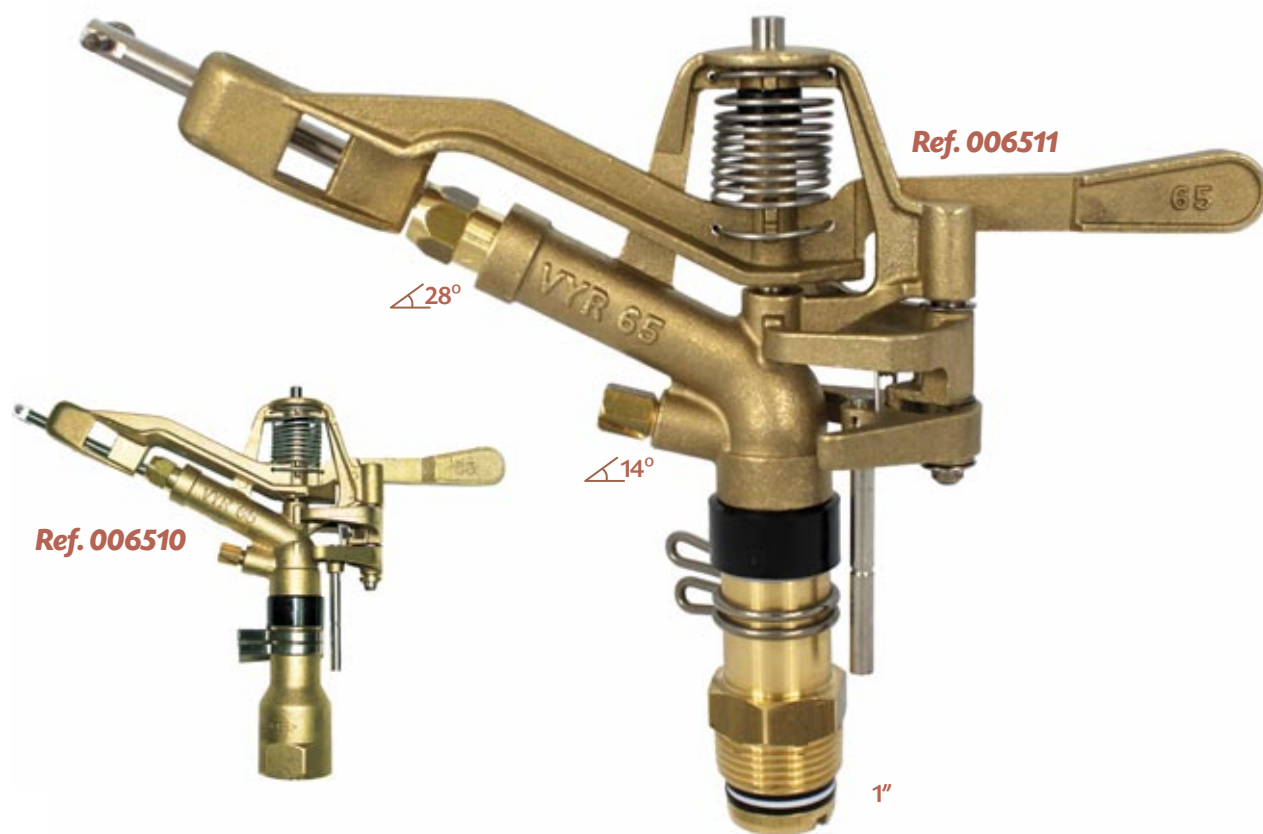


VYR-65



VYR-65 AG · Part circle AG

GENERAL PROPERTIES:

- Part circle agricultural impact sprinkler; medium-high flow.
- 1" male or female connection.
- Made of brass and stainless steel.
- High-resistance rotating joints.
- Nozzle angles of 28° and 14°
- Part circle mechanical system using clips that are very easy and quick to adjust.
- Used in full coverage irrigation with medium-high flow to cover the side and corner areas.
- Special mechanical and hydraulic design for energy saving and an optimal coverage coefficient.

TECHNICAL SPECIFICATIONS:

- Reach: 16 - 24 m / 52 - 79 ft.
- Flow: 2240 - 7840 L/H / 591 - 2.070 GPH
- Working pressure: 3.5 - 6 BAR / 50 - 87 PSI.
- Area: Part or full circle.
- Nozzles: One main long reach nozzle and a secondary short reach nozzle.
- Trajectory angles: 28° and 14°
- Maximum stream height: 6 m / 19,7 ft.
- Rotation time: Depending on the pressure and the nozzles, the rotation will be constant and continuous.
- Uniformity coefficient higher than 90% in areas of 24x24R, 25x25T and 25x26T (metres).

APPLICATIONS:

- Horticultural plantations, cereals, tubers, leguminous plants and fruit trees.

MEASUREMENTS:

- Height: 24 cm / 9,4 in.
- Width: 25 cm / 9,8 in.
- Weight: 1.420 kg / 3,12 Lbs.
- Units per box: 15

OPTIONS:

- Threads in BSP or NPT under demand.
- Rod with jet breaker diffuser pin for the main nozzle.
- Foldable tripod for mobile installation.
- This is one of the models which can be used in conjunction with our travelling sprinkler cart VYR-5300.

MODELS:

Ref. 006500: Without diffuser pin. 1" female.

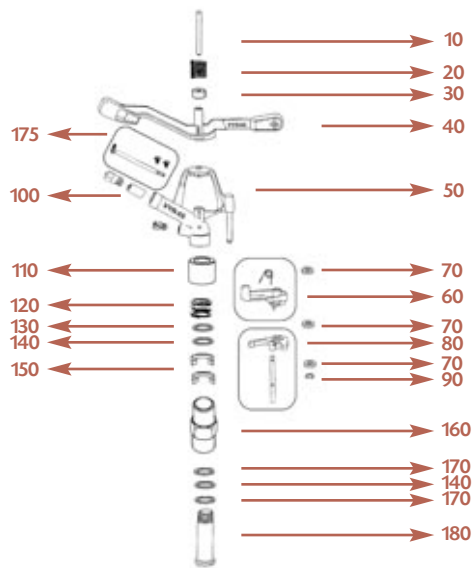
Ref. 006501: Without diffuser pin. 1" male.

Ref. 006510: With diffuser pin. 1" female.

Ref. 006511: With diffuser pin. 1" male.

Ref. 106500: Diffuser pin set.

TABLES & PARTS



Performance nozzle tables VYR-65

Long range nozzles (long vane) + plug

NOZZLE	5,6 mm 7/32"		6,4 mm 1/4"		7,2 mm 9/32"		8,0 mm 5/16"		8,8 mm 11/32"		9,6 mm 3/8"	
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	L/H GPH	Ø m Ø ft
3,5 51	2370 626	42 138	3070 810	43 141	3730 985	44 144	4490 1185	46 151	5335 1408	46 151	6170 1629	46 151
4 58	2550 673	44 144	3300 871	44 144	4030 1064	46 151	4850 1280	48 157	5730 1513	49 161	6650 1756	49 161
4,5 65	2700 713	46 151	3515 928	46 151	4250 1122	48 157	5150 1360	50 164	6150 1624	51 167	7020 1853	52 171
5 73	2880 760	47 154	3690 974	48 157	4550 1201	49 161	5450 1439	52 171	6510 1719	54 177	7470 1972	55 180
5,5 80	3000 792	48 157	3900 1030	50 164	4765 1258	50 164	5700 1505	54 177	6810 1798	55 180	7835 2068	57 187



Easy part-circle
adjustment

Long range nozzles (long vane) + short range nozzle

NOZZLE	4,8 x 3,2 mm 3/16 x 1/8"		5,6 x 3,2 mm 7/32 x 1/8"		6,4 x 3,2 mm 1/4 x 1/8"		7,2 x 3,2 mm 9/32 x 1/8"		8,0 x 3,2 mm 5/16 x 1/8"		8,8 x 3,2 mm 11/32 x 1/8"	
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	L/H GPH	Ø m Ø ft
3,5	2500	40	3050	42	3720	43	4430	44	6010	46	6755	46
51	660	131	805	138	982	141	1170	144	1587	151	1783	151
4	2735	41	3265	44	4045	44	4740	46	6400	48	7290	49
58	722	135	862	144	1068	144	1251	151	1690	157	1925	161
4,5	2870	42	3470	46	4260	46	5045	48	6840	50	7800	51
65	758	138	916	151	1125	151	1332	157	1806	164	2059	167
5	3030	43	3660	47	4500	48	5380	49	7260	52	8250	54
73	800	141	966	154	1188	157	1420	161	1917	171	2178	177
5,5	3175	44	3845	48	4740	50	5575	50	7650	54	8640	55
80	838	144	1015	157	1251	164	1472	164	2020	177	2281	180

Standard Ø: Diameter range



- 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.