

Medium flow sprinkler for full and partial circle operation. It is equipped with different interchangeable nozzles. They have a second outlet with a secondary nozzle for better short-range irrigation. They make a subtle precipitation and have a uniform distribution, thanks to the jet breaker with penetration regulation. This type of medium-range sprinkler, due to the inclination of the jet, is perfect for irrigation at Pivot ends, low crops (vineyards, orchards...) and open areas in general.

MAIN NOZZLES (mm)	12,14,16,18
SECONDARY NOZZLE (mm)	5

FEATURES

- Made of aluminum, brass, nylon and stainless steel.
- Equipped with a sectorial mechanical system using omegas, easy to adjust.
- Interchangeable nylon nozzles, a main long-range nozzle and a secondary short-range nozzle.
- Jet breaker with different inclinations to obtain fine and localized precipitation.
- High resistance to ultraviolet rays and frost.

TECHNICAL SPECIFICATIONS

- Flow rate 9100 - 31975 l/h / 2404 - 8447 g/h.
- Working pressure: 2 - 6 bar / 29 - 87 psi.
- Jet range of 20 to 36 m / 65- 118 ft.
- Net weight: 2300 gr.
- Dimensions: 30.5 cm high, 42.5 cm wide.
- 1 1/2" NPT female thread connection.
- Sector: full or part-circle.

Nozzle diameter	Pressure	Jet length	Capacity		Values for a single sprinkler		Square pattern			Triangular pattern			
							□			△			
mm	bar	m	l/m	m ³ /h	Irrigated area	Rainfall per hour	D	S	I	D	D1	S	I
					m ²	mm/h	Distance of the sprinklers on the pipeline	Irrigated area	Rainfall per hour	Distance of the sprinklers on the pipeline	Distance between 2 contiguous pipelines	Irrigated area	Rainfall per hour
							m	m ²	mm/h	m	m	m ²	mm/h
12 5	2	20	152	9.1	1256	7.2	28	784	12.1	34	30	1020	8.9
	3	24	182	10.9	1809	6.0	33	1089	10.0	41	36	1476	7.4
	4	27	211	12.6	2289	5.5	38	1444	8.8	46	40	1840	6.9
	5	30	236	14.1	2826	5.2	42	1764	8.0	52	45	2340	6.1
14 5	2	21	195	11.7	1384	8.4	29	841	13.9	36	31	1116	10.5
	3	25	239	14.3	1962	7.3	35	1225	11.7	43	37	1591	9.0
	4	29	277	16.6	2640	6.3	41	1681	10.0	50	43	2150	7.8
	5	31	309	18.5	3017	6.1	43	1849	10.0	53	46	2438	7.6
16 5	2	22	247	14.8	1519	9.7	31	961	15.4	38	33	1254	11.8
	3	26	303	18.2	2123	8.6	36	1296	14.0	44	39	1716	10.6
	4	30	351	21.0	2826	7.5	42	1764	11.9	52	45	2340	9.0
	5	33	391	23.4	3419	6.9	46	2116	11.0	57	49	2793	8.4
18 5	3	28	378	22.7	2461	9.2	39	1521	14.9	48	42	2016	11.2
	4	31	436	26.2	3017	8.7	43	1849	14.1	53	46	2438	10.7
	5	34	487	29.2	3629	8.1	48	2304	12.7	59	51	3009	9.7
	6	36	533	31.9	4069	7.9	51	2601	12.3	62	54	3348	9.5