



## ARO44 :: PERFORMANCE DATA

FULL CIRCLE, PLASTIC IMPACT SPRINKLER, 1/2" MALE OR 3/4" FEMALE, NPT

OPERATING RANGE: 2.0-4.0 BAR

FLOW RATE: 0.33-1.58 M<sup>3</sup>/H

RADIUS: 10.75-13.25 M

### FEATURES AND BENEFITS:

- made of plastic delrin
- stainless steel parts
- outstanding uniformity due to dual nozzle design
- dust and dirt cap protection
- sand and dust sleeve protection for reliable operation and durability
- colour-coded nozzles for easy and quick cleaning or replacement even while operating

### APPLICATION:

Irrigation and germination of vegetables, flowers and nursery crop.



PERFORMANCE TABLE :: DOUBLE NOZZLE

nozzle (mm)	P (bar)	flow rate (m <sup>3</sup> /h)	R (m)
2.3 x 1.8 grey	2.5	0.510	11.00
	3.0	0.580	11.00
	3.5	0.600	11.00
	4.0	0.640	11.00
2.5 x 1.8 purple	2.5	0.580	10.50
	3.0	0.630	10.50
	3.5	0.670	10.50
2.8 x 1.8 orange	2.5	0.690	11.00
	3.0	0.760	11.00
	4.0	0.860	11.00
3.0 x 1.8 red	2.5	0.760	11.00
	3.0	0.840	11.50
	3.5	0.900	11.50
3.2 x 1.8 * green	4.0	0.970	11.50
	2.5	0.820	11.50
	3.0	0.900	12.00
3.5 x 2.5 blue	3.5	0.980	12.00
	2.5	1.060	12.25
	3.0	1.160	12.50
4.0 x 2.5 black	4.0	1.330	13.00
	2.5	1.260	12.50
	3.0	1.380	12.75
	3.5	1.480	13.00
	4.0	1.580	13.25

\*standart nozzle

\*rear nozzle: 1.8 - green, 2.5 - grey

PERFORMANCE TABLE :: SINGLE NOZZLE

nozzle (mm)	P (bar)	flow rate (m <sup>3</sup> /h)	R (m)
2.3 grey	2.0	0.330	10.75
	3.0	0.390	11.00
	4.0	0.460	11.00
2.4 square nozzle yellow	2.5	0.360	9.50
	3.0	0.390	9.50
	3.5	0.430	10.00
2.5 purple	4.0	0.460	10.50
	2.0	0.350	10.75
	3.0	0.430	11.00
2.8 orange	4.0	0.490	11.00
	2.0	0.450	11.00
	3.0	0.550	11.50
3.0 red	4.0	0.630	12.00
	2.0	0.510	11.50
	3.0	0.530	12.25
3.2 * green	4.0	0.720	12.50
	2.0	0.570	11.75
	3.0	0.700	12.25
3.5 blue	4.0	0.810	12.50
	2.0	0.660	12.50
	3.0	0.810	13.00
4.0 black	4.0	0.930	13.00
	2.0	0.850	12.00
	3.0	1.030	13.00
	4.0	1.180	13.00

\*standart nozzle