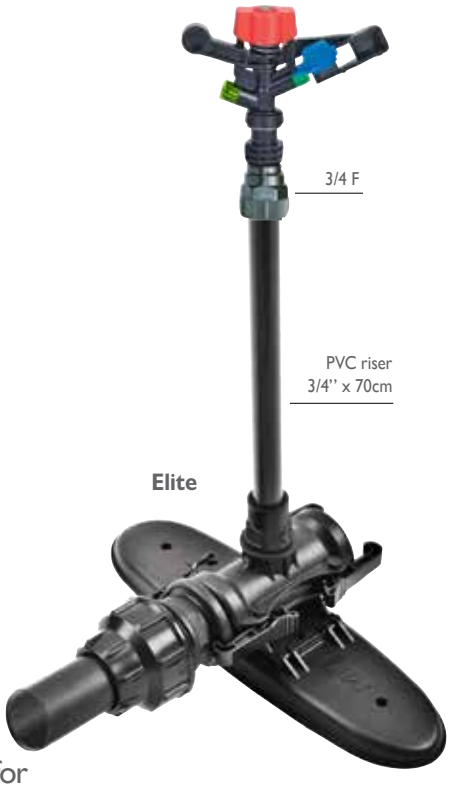
5022 SD

IrriStand systems

Plastic impact sprinkler, 1/2" male or 3/4" female. Mounted on a riser



Applications: irrigation and germination of vegetables, flowers and nursery crops

- Unique hammer combined with SD (super diffuser) plate - designed for uniform distribution with single or dual nozzles
- High distribution uniformity up to 14 m
- Reduced sensitivity to clogging and high resistance to wind
- Designed for short irrigation cycles for germination
- Color-coded bayonet nozzles for easy service
- High impact and heavy-duty plastic materials for resistance to corrosion, chemicals and radiation

Accessories for riser assembly

Description	Catalog no.	
LPD 1/2'' LPD 3/4''	790601 790602	
Flow regulator 1/2" x 1/2" 365 l/h Flow regulator 1/2" x 1/2" 590 l/h	482621 482630	

5022 SD PERFORMANCE TABLE - **Single nozzle, Black long SD**

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Nozzle color (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)				
				10x10	10x12	12x12	12x14	14x14
3.0 Red	2.5	0.570	21.0	5.7	4.8	4.0	3.4	2.9
	3.0	0.630	22.0	6.3	5.3	4.4	3.8	3.2
	3.5	0.680	23.0	6.8	5.7	4.7	4.1	3.5
	4.0	0.720	23.0	7.2	6.0	5.0	4.3	3.7
3.2 Green	2.5	0.640	21.2	6.4	5.3	4.4	3.8	3.3
	3.0	0.700	22.2	7.0	5.8	4.9	4.2	3.6
	3.5	0.760	23.0	7.6	6.3	5.3	4.5	3.9
	4.0	0.810	23.0	8.1	6.8	5.6	4.8	4.1
3.5 Blue	2.5	0.740	23.0	7.4	6.2	5.1	4.4	3.8
	3.0	0.810	23.0	8.1	6.8	5.6	4.8	4.1
	3.5	0.870	24.0	8.7	7.3	6.0	5.2	4.4
	4.0	0.930	25.0	9.3	7.8	6.5	5.5	4.7
4.0 Black	2.5	0.950	23.2	9.5	7.9	6.6	5.7	4.8
	3.0	1.030	24.2	10.3	8.6	7.2	6.1	5.3
	3.5	1.110	25.0	11.1	9.3	7.7	6.6	5.7
	4.0	1.180	26.0	11.8	9.8	8.2	7.0	6.0

For single nozzle or dual nozzle sprinkler be sure using the recommended SD unit (appears above the performance table)

5022 SD PERFORMANCE TABLE - **Dual nozzle, Blue short SD**

Nozzle color (mm)	P (bar)	Q (m³/h)	D (m)	Spacing [m]				
				10x10	10x12	12x12	12x14	14x14
3.0x1.8 Red	2.5	0.760	21.0	7.6	6.3	5.3		
	3.0	0.840	22.0	8.4	7.0	5.8		
	3.5	0.900	23.0	9.0	7.5	6.3		
	4.0	0.970	22.0	9.7	8.1	6.7		
3.2x1.8 Green	2.5	0.820	21.0	8.2	6.8	5.7		
	3.0	0.900	22.0	9.0	7.5	6.3		
	3.5	0.980	23.0	9.8	8.2	6.8		
	4.0	1.040	23.0	10.4	8.7	7.2		
3.5x1.8 Blue	2.5	0.890	23.0	8.9	7.4	6.2	5.3	
	3.0	0.990	23.0	9.9	8.3	6.9	5.9	
	3.5	1.060	24.0	10.6	8.8	7.4	6.3	
	4.0	1.150	24.0	11.5	9.6	8.0	6.8	
4.0x1.8 Black	2.5	1.100	24.0	11.0	9.2	7.6	6.5	5.6
	3.0	1.220	25.0	12.2	10.2	8.5	7.3	6.2
	3.5	1.330	25.0	13.3	11.1	9.2	7.9	6.8
	4.0	1.430	26.0	14.3	11.9	9.9	8.5	7.3

Rear nozzle: 1.8 - Light Green

Color code - Distribution uniformity	CU > 92%	CU 88-92%	CU 85-88%	CU < 85%

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

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