

5022 SD

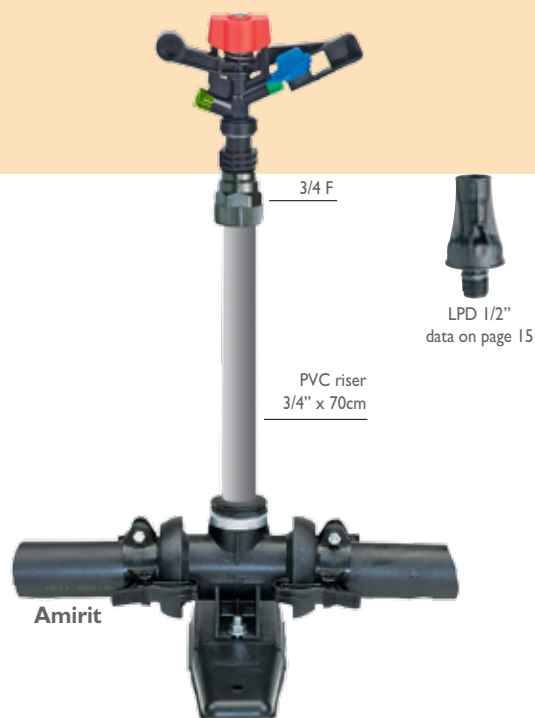


IrriStand systems

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



5022 SD PERFORMANCE TABLE - Single nozzle, Black long SD
Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Nozzle color (mm)	P (bar)	Q (m ³ /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 performance table)

5022 SD PERFORMANCE TABLE - Dual nozzle, Blue short SD

Nozzle color (mm)	P (bar)	Q (m ³ /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%
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* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

5022 SD-U

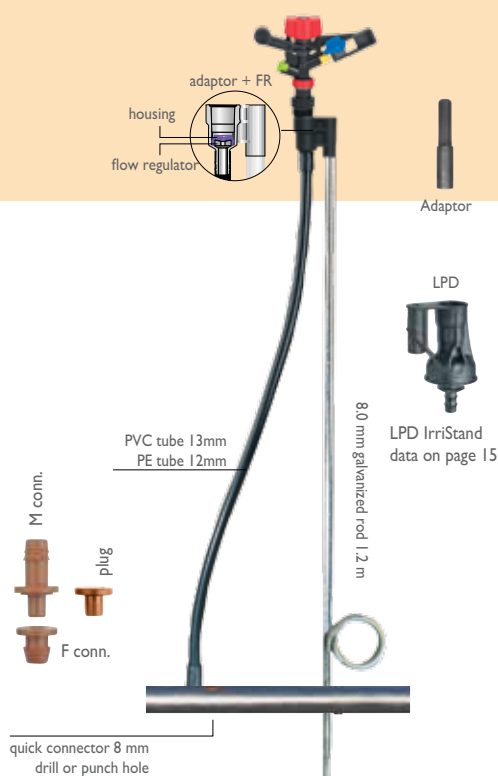


IrriStand systems

Plastic impact sprinkler, 1/2" male or 3/4" female. Mounted on IrriStand 52, 53

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 12 m
- Reduced sensitivity to clogging and higher 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



5022 SD-U PERFORMANCE TABLE, Dual nozzle, Blue short SD
Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Nozzle color (mm)	P (bar)	Q (m ³ /h)	D (m)	Spacing (m)					
				9x9	9x10	10x10	9x12	10x12	12x12
2.5x1.8 Purple	1.5	0.440	18	5.4	4.9	4.4	4.1	3.7	3.1
	2.0	0.480	19	5.9	5.3	4.8	4.4	4.0	3.3
	2.5	0.535	21	6.6	5.9	5.4	5.0	4.5	3.7
	3.0	0.590	21	7.3	6.6	5.9	5.5	4.9	4.1
	3.5	0.635	21	7.8	7.1	6.4	5.9	5.3	4.4
	4.0	0.685	21	8.5	7.6	6.9	6.3	5.7	4.8
F.R.	30-50	0.590	21.0	7.3	6.6	5.9	5.5	4.9	4.1
2.8x1.8 Orange	1.5	0.510	19	6.3	5.7	5.1	4.7	4.3	3.5
	2.0	0.560	20	6.9	6.2	5.6	5.2	4.7	3.9
	2.5	0.635	21	7.8	7.1	6.4	5.9	5.3	4.4
	3.0	0.690	22	8.5	7.7	6.9	6.4	5.8	4.8
	3.5	0.750	23	9.3	8.3	7.5	6.9	6.3	5.2
	4.0	0.800	22	9.9	8.9	8.0	7.4	6.7	5.6

Rear nozzle: 1.8 - Light Green

Color code - Distribution uniformity	CU > 92%	CU 88-92%	CU 85-88%	CU < 85%
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- * Performance table prepared under laboratory conditions
- * For windy conditions use closer spacing

5022 SD-U PERFORMANCE TABLE, Single nozzle, Blue short SD
Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Nozzle color (mm)	P (bar)	Q (m ³ /h)	D (m)	Spacing (m)					
				9x9	9x10	10x10	9x12	10x12	12x12
2.5 Purple	1.5	0.310	19	3.8	3.4	3.1	2.9	2.6	2.2
	2.0	0.360	19	4.4	4.0	3.6	3.3	3.0	2.5
	2.5	0.400	20	4.9	4.4	4.0	3.7	3.3	2.8
	3.0	0.440	21	5.4	4.9	4.4	4.1	3.7	3.1
	3.5	0.475	21	5.9	5.3	4.8	4.4	4.0	3.3
	4.0	0.510	21	6.3	5.7	5.1	4.7	4.3	3.5
2.8 Orange	1.5	0.405	19	5.0	4.5	4.1	3.8	3.4	2.8
	2.0	0.475	21	5.9	5.3	4.8	4.4	4.0	3.3
	2.5	0.530	22	6.5	5.9	5.3	4.9	4.4	3.7
	3.0	0.580	22	7.2	6.4	5.8	5.4	4.8	4.0
	3.5	0.625	22	7.7	6.9	6.3	5.8	5.2	4.3
	4.0	0.670	23	8.3	7.4	6.7	6.2	5.6	4.7

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