

# 550R-SC



- Inlet: 3/4" female threaded
- Adjustable arc setting: 40° - 360°
- 8 standard and 4 low angle nozzles



**T**he Irritrol 550R-SC 3/4" sprinkler offers ease of use and operating reliability in one single device. Thanks to the innovative Slip Clutch system, you can now manually adjust the arc without needing to use any tools.

## Features

- Familiar top adjustment, wet or dry
- Non-flushing wiper seal reduces leaks caused by debris trapped under seal
- Standard rubber cover provides added protection against debris
- Right (fixed) and left stops allow you to easily check the arc thus reducing the installation time.
- One model for part- and full-circle irrigation

## Additional Features

- Filter with double surface area for better resistance to clogging and tolerance to debris.
- Body made of ABS and hence more robust.
- Single thread (rather than 5 like the competitors) to reduce the risk of blockage due to the intrusion of debris.

## Specifications

- Radius: 7,6 - 15,2 m
- Flow range: 2,8 - 36,7 l/min
- Operating pressure: 1,7 - 4,5 bar (3,0 bar recommended operating pressure)
- Overall height (retracted): 19 cm
- Riser height: 12,7 cm
- Standard nozzle trajectory: 25°
- Low angle nozzle trajectory: 12°

## Options

- Check valve holds up to 2,1 m of elevation change eliminates water waste
- Recycled-water indicator cover (purple)

## Performance

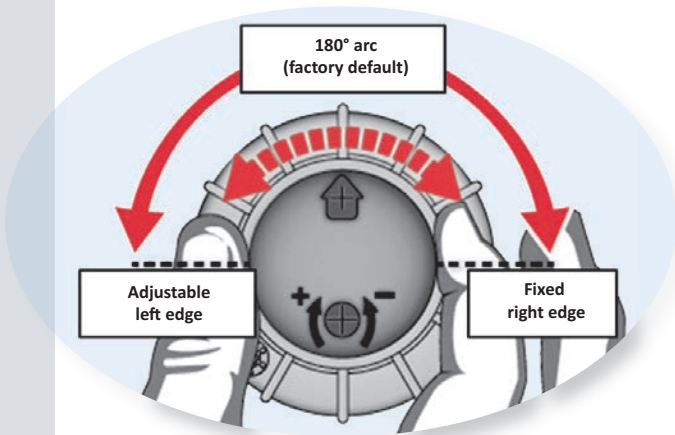
### 550R-SC Rotor – Standard Nozzles 25°

Pressure (bar)	Nozzle	Radius (m)	Flow (l/min)	■ (mm/h)	▲ (mm/h)
1,7	1,5	10,0	4,3	2,58	2,98
	2,0	10,6	5,5	2,94	3,39
	2,5	10,6	6,7	3,58	4,13
	3,0	11,0	8,3	4,12	4,75
	4,0	11,3	11,2	5,26	6,08
	5,0	11,9	14,2	6,02	6,95
	6,0	11,9	16,0	6,78	7,83
2,4	1,5	10,4	5,2	2,88	3,33
	2,0	11,0	6,8	3,37	3,89
	2,5	11,0	8,3	4,12	4,75
	3,0	11,6	9,8	4,37	5,05
	4,0	12,2	13,4	5,00	6,24
	5,0	12,5	17,0	6,53	7,54
	6,0	13,1	19,6	6,85	7,91
3,1	1,5	10,7	6,0	3,14	3,63
	2,0	11,3	8,0	3,76	4,34
	2,5	11,3	9,6	4,51	5,21
	3,0	12,2	11,5	4,64	5,35
	4,0	12,8	15,5	5,68	6,55
	5,0	13,1	19,3	6,75	7,79
	6,0	13,4	23,0	7,69	8,87
3,8	1,5	10,7	6,6	3,46	3,99
	2,0	11,3	8,7	4,09	4,72
	2,5	11,3	10,6	4,98	5,75
	3,0	12,2	13,3	5,36	6,19
	4,0	12,8	16,8	6,15	7,10
	5,0	13,7	21,7	6,94	8,01
	6,0	14,3	25,1	7,36	8,50
4,5	1,5	11,0	7,1	3,52	4,07
	2,0	11,3	9,7	4,56	5,26
	2,5	11,3	11,5	5,40	6,24
	3,0	12,2	14,4	5,80	6,70
	4,0	13,1	18,3	6,40	7,39
	5,0	13,7	23,0	7,35	8,49
	6,0	14,6	27,4	7,71	8,91
	8,0	15,2	36,7	9,53	11,00

### 550R-SC Rotor – Low Angle Nozzles 12°

Pressure (bar)	Nozzle	Radius (m)	Flow (l/min)	■ (mm/h)	▲ (mm/h)
1,7	1,0	7,6	2,8	2,91	3,36
	1,5	8,2	4,1	3,66	4,22
	2,0	8,8	5,3	4,11	4,74
	3,0	8,8	8,3	6,43	7,43
2,4	1,0	8,5	3,5	2,91	3,36
	1,5	9,1	5,1	3,70	4,27
	2,0	9,4	6,5	4,41	5,10
	3,0	10,0	9,8	5,88	6,79
3,1	1,0	8,8	3,9	3,02	3,49
	1,5	9,4	5,7	3,87	4,47
	2,0	9,7	7,8	4,97	5,74
	3,0	10,3	11,5	6,50	7,51
3,8	1,0	8,8	4,3	3,33	3,85
	1,5	9,4	6,6	4,48	5,17
	2,0	10,0	8,5	5,10	5,89
	3,0	11,0	12,9	6,40	7,39
4,5	1,0	8,8	4,7	3,64	4,20
	1,5	9,4	7,2	4,89	5,65
	2,0	10,0	9,3	5,58	6,44
	3,0	11,0	14,0	6,94	8,02

- Precipitation rates for "square" spacing and full circle operation
  - ▲ Precipitation rates for "triangular" spacing and full circle operation
  - Spacing based on 100% of radius
- The data indicated is the result of tests conducted in zero wind conditions



550R with Shrub adapter



550R high pop

## Codification

Code	Description
<b>550R-SC</b>	550R-SC 3/4" 40-360° turbine sprinkler with 12.7cm riser and slip clutch
<b>550RHP-SC*</b>	550RHP-SC* - High Pop for 550R-SC with 30cm riser
<b>550RS</b>	550RS- Shrub adapter for 550R without slip clutch
<b>550RS-SC*</b>	550RS-SC*Shrub adapter for 550R with slip clutch

\* Available as of 2015