

# SIS I20F and SIS I20P



Inlet: 1 ½" female threaded

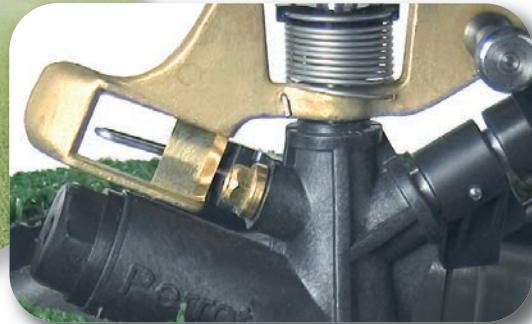
2 models:

- SIS120F: full circle 360°

- SIS120P: arc adjustable: 30° - 330°

Nozzles range: 7 – 17,5 mm (standard nozzle preassembled)

**T**he SIS series impact sprinklers are intended for use on sports fields and in parks and also allow filling natural grass in turf lid.



## Features

- High rotation speed < 1 min/360°
- Water-lubricated gear drive assembly enhances reliability
- Sector easily adjustable. No tools required
- Two different model: full circle and arc adjustable
- Lid in plastic or with artificial grass in green
- SIS120F model with sod cup for natural turf
- The solenoid (in the version with valve in head) is fitted at the top of the sprinkler for easier replacement.
- Vandalism locking cap screw
- Availability spare parts

## Additional Features

- Nozzle lock screw
- High stability of the water jet even in wind exposed areas
- Also suitable for grey water
- Also available with valve in head

## Specification

- Radius: 19,0 – 36,5 m
- Flow range: 71,6 – 451,6 l/min
- Operating pressure: 3,0– 7,0 bar
- Trajectory: 22°
- Solenoid 24 VAC - 50 Hz
  - Inrush current 0,34 A
  - Holding current 0,20 A

# SIS 120F and SIS 120P



Sprinkler type	SIS120P-PG	SIS120PV-PGV	SIS120F	SIS120FV
Installation height	370 mm	450 mm	573 mm	660 mm
Rising height	98 mm	99 mm	205 mm	206 mm
Outer Ø housing	246 mm	246 mm	246 mm	246 mm
Outer Ø id	180 mm	180 mm	242 mm	242 mm

## Performance

2 Nozzle SIS120P	Nozzle 7 mm		Nozzle 8 mm		Nozzle 9 mm		Nozzle 10 mm		Nozzle 11 mm		Nozzle 12 mm		Nozzle*		Nozzle 13 mm		Nozzle 14 mm		Nozzle 15 mm		Nozzle 17,5mm	
Operating Pressure	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m
3,0 bar	4,6	19,0	5,7	19,5	6,8	20,0	7,9	20,5	8,8	21,0	10,0	21,5	11,2	22,0	12,7	22,5	14,1	23,0	17,0	24,0		
4,0 bar	5,2	19,5	6,5	20,5	7,8	21,2	9,0	21,9	10,2	23,0	11,5	24,0	12,9	25,0	14,6	26,0	16,3	27,0	19,6	28,0		
5,0 bar	5,8	20,6	7,2	21,5	8,7	22,4	10,0	23,3	11,3	24,8	12,8	26,5	14,4	27,5	16,3	29,0	18,1	30,0	21,8	31,0		
6,0 bar	6,4	21,4	7,9	22,5	9,5	23,6	11,0	24,7	12,4	26,6	14,0	28,0	15,7	29,0	17,8	30,5	19,8	32,0	23,9	34,0		
7,0 bar	6,8	21,9	8,5	23,3	9,2	24,7	11,8	26,1	13,3	27,9	15,1	29,4	16,9	30,5	19,2	32,0	21,4	33,5	25,8	36,5		

3 Ugelli SIS120F	Nozzle 7 mm		Nozzle 8 mm		Nozzle*		Nozzle 10 mm		Nozzle 11 mm		Nozzle 12 mm		Nozzle 13 mm		Nozzle 14 mm		Nozzle 15 mm		Nozzle 17,5mm	
Operating Pressure	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m
3,0 bar	5,6	19,0	6,7	19,5	7,8	20,0	8,9	20,5	9,8	21,0	11,0	21,5	12,2	22,0	13,7	22,5	15,1	23,0	18,0	24,0
4,0 bar	6,3	19,5	7,6	20,5	8,9	21,2	10,1	21,9	11,3	23,0	12,6	24,0	14,0	25,0	15,7	26,0	17,4	27,0	20,7	28,0
5,0 bar	7,1	20,6	8,5	21,5	10,0	22,4	11,3	23,3	12,6	24,8	14,1	26,5	15,7	27,5	17,6	29,0	19,4	30,0	23,1	31,0
6,0 bar	7,9	21,4	9,4	22,5	11,0	23,6	12,5	24,7	13,9	26,6	15,5	28,0	17,2	29,0	19,3	30,5	21,3	32,0	25,4	34,0
7,0 bar	8,3	21,9	10,1	23,3	11,8	24,7	13,4	26,1	14,9	27,9	16,7	29,4	18,5	30,5	20,8	32,0	23,0	33,5	27,4	36,5

\* Standard Nozzle Preassembled

## Codification

Code	Description
<b>SISI 120-F</b>	Impact sprinkler SIS120 1 1/2", 360° with sod cup
<b>SISI 120-FV</b>	Impact sprinkler SIS120 1 1/2", 360° with sod cup and valve in head
<b>SISI 120-P</b>	Impact sprinkler SIS120 1 1/2", 30°-330°
<b>SISI 120-PV</b>	Impact sprinkler SIS120 1 1/2", 30°-330° with valve in head
<b>SISI 120-PG</b>	Impact sprinkler SIS120 1 1/2", 30°-330° with artificial grass
<b>SISI 120-PGV</b>	Impact sprinkler SIS120 1 1/2", 30°-330° with artificial grass and valve in head