

IMPOP Series



Turf
Radius: 32'–45'
Flow rate: 1.50–7.50 GPM
Pressure: 25–50 psi

Application: Heavy-duty construction combined with a host of convenient features makes this rotor ideal for a broad range of residential and light commercial applications.

Operational Features

- Double-weighted splash arm to slow rotation and maximize radius
- Straight flow-through path ensures low pressure loss and positive action—even in very dirty water conditions
- Part- and full-circle arcs in one sprinkler offer convenience and reduce inventory requirements
- Effluent model for use with reclaimed water situations
- Filter screen to prevent clogging
- Two-year warranty

Installation Features

- Five interchangeable, color-coded nozzles for easy installation and identification to cover varying flow requirements
- Removable cap for easy servicing and debris removal

Specifications

Radius:
32'–45' (9,7–13,7m)
Flow rate:
1.50–7.50 GPM (5,6–34,1 LPM)
Recommended operating pressure range:
25–50 psi (1,7–3,5 Bar)
Maximum operating pressure:
60 psi (4,4 Bar)
Trajectory:
18°
Pop-up to nozzle:
3" (75mm)
Inlet:
Combination ½" (13mm) or ¾" (20mm) female-threaded
Dimensions:
Body diameter: 2½"–5" (64–127mm)
Cap diameter: 4" (100mm)
Height: 9¾" (236mm)

IMPOP Performance Data—U.S.

Nozzle	Color	psi	GPM	Radius	Prec. Rate*	
					△	□
1.5	Orange ●	30	1.5	32	0.16	0.14
		40	1.8	35	0.16	0.14
		50	2.3	36	0.20	0.17
2.0	Red ●	30	2.0	33	0.20	0.18
		40	2.2	37	0.18	0.15
		50	2.5	40	0.17	0.15
3.0	Black ●	30	2.9	35	0.26	0.23
		40	3.6	39	0.26	0.23
		50	5.0	41	0.26	0.23
4.0	Blue ●	30	3.8	38	0.29	0.25
		40	4.2	41	0.28	0.24
		50	5.1	42	0.32	0.28
6.0	Green ●	30	5.8	39	0.42	0.37
		40	6.5	43	0.39	0.34
		50	7.5	45	0.41	0.36

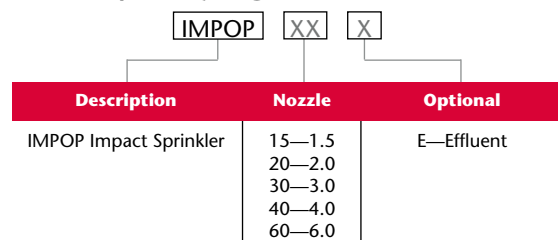
Radius shown in feet. Data based on 360°.

IMPOP Performance Data—Metric

Nozzle	Color	Bar	LPM	Radius
2,5	6,4	10,3		
3,0	7,5	10,8		
2.0	Red ●	2,0	7,6	10,0
		2,5	8,0	10,8
		3,0	8,7	11,6
3.0	Black ●	2,0	11,0	10,6
		2,5	12,6	11,4
		3,0	14,2	12,1
4.0	Blue ●	2,0	14,4	11,6
		2,5	15,3	12,2
		3,0	17,1	12,6
6.0	Green ●	2,0	21,9	11,9
		2,5	23,6	12,6
		3,0	25,9	13,3
		3,5	28,7	13,8

Radius shown in meters.

Specifying Information



Example: An IMPOP Series sprinkler with a 3.0 nozzle, would be specified as: IMPOP-30