

## SPECIFICATIONS

**Radius:** 28' to 49' (8.5 m to 14.9 m)

**Flow Rate:** 7.25 to 13.6 gpm (0.46 to 0.86 l/s)  
(1.65 to 3.10 m<sup>3</sup>/h)

**Arc:** Adjustable, 30° to 345°

### Models:

**E:** Electric

**IC:** Integrated Control

**S/H:** Combined use Stopamatic (SAM)  
or Hydraulic (N.O.)\*

**B:** Seal-A-Matic™ device

### Maximum Inlet Pressure:

**Models E and IC:** 150 psi (10.3 bars)

**Models S/H and B:** 100 psi (6.9 bars)

**Pressure Regulation Range:** 60 to 100 psi  
(4.1 to 6.9 bars)

### Factory Pressure Settings:

Models E and IC available in 70 and 80 psi  
(4.8 and 5.5 bars)

### Dimensions:

#### Body Height:

**Models E, IC, S/H:** 12.0" (30.5 cm)

**Model B:** 9.6" (24.5 cm)

**Pop-Up Height to Mid-Nozzle:** 2.6" (6.6 cm)

### Top Diameter:

**Models E, IC, S/H:** 6.25" (15.9 cm)

**Model B:** 4.25" (10.8 cm)

### Nozzle Trajectory:

**51 Nozzle:** 12°

**52, 53, 54 Nozzles:** 25°

### Inlet Threads:

**Models E, IC, S/H:** 1.25" (3.2 cm) ACME

**Model B:** 1" (2.5 cm) ACME

### Holdback:

**Block:** 10' (3.1 m) elevation

**SAM/Hydraulic:** 15' (4.6 m) elevation

**Rotation Time:** 180° in ≤ 90 seconds;  
75 seconds nominally

### Maximum Stream Height:

**51 Nozzle:** 5' (1.5 m)

**52, 53, 54 Nozzles:** 13' (4.0 m)

### Solenoid:

24 VAC solenoid power  
requirement: 0.41 amp inrush current  
(9.8 VA); **60 cycle:** 0.25 amp holding  
current (6.0 VA); **50 cycle:** 0.32 amp  
holding current (7.7 VA)

**Surge Resistance:** Up to 25kV standard  
on electric models

### Top-Serviceable Rock Screen™ and Replaceable Valve Seat:

All 550 models

\*N.O. — Normally open



## HOW TO SPECIFY

A	550	XX	XX	XX
THREAD TYPE	MODEL	BODY/ VALVE	PRESSURE REGULATOR	NOZZLE
ACME	550	E	70 (4.8)	51
		IC	80 (5.5)	52
		SH		53
		B		54

## U.S. Performance Data

Base Pressure (psi)	60		70		80		90		100	
	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
#51-Blue	28	7.25	30	7.85	31	8.25	32	8.42	32	8.60
#52-Beige	35	7.20	35	7.70	37	8.30	39	8.80	39	9.10
#53-Gray	45	9.40	45	10.10	45	10.80	45	11.50	45	12.00
#54-Red	49	11.20	49	12.00	49	12.80	49	13.00	49	13.60

## Metric Performance Data

Base Pressure (psi)	4.1		4.8		5.5		6.2		6.9	
	Radius (m)	Flow (m <sup>3</sup> /h)	Radius (m)	Flow (m <sup>3</sup> /h)	Radius (m)	Flow (m <sup>3</sup> /h)	Radius (m)	Flow (m <sup>3</sup> /h)	Radius (m)	Flow (m <sup>3</sup> /h)
#51-Blue	8.5	1.65	9.1	1.78	9.4	1.87	9.8	1.91	9.8	1.95
#52-Beige	10.7	1.64	10.7	1.75	11.3	1.88	11.9	2.00	11.9	2.07
#53-Gray	13.7	2.13	13.7	2.29	13.7	2.45	13.7	2.61	13.7	2.73
#54-Red	14.9	2.54	14.9	2.73	14.9	2.91	14.9	2.95	14.9	3.09