

## MODELS

### D70C50A

1½" Full Circle Rotor with Check Valve, Acme

### D70E5080A

1½" Full Circle Rotor, Electric VIH, Acme

### D70H50A

1½" Full Circle Rotor, Hydraulic VIH, Acme

\* Pressure Regulation

(Electric Model Only)

60, 70, 80 (Standard Pressure), 90 or 100 PSI

\*Inlet thread availability; NPT, BSP, or Acme

(standard stocking item)

\*Re-Claimed Water Versions Available

### D75C32A

1½" Part Circle Rotor with Check Valve, Acme

### D75E3280A

1½" Part Circle Rotor, Electric VIH, Acme

### D75H32A

1½" Part Circle Rotor, Hydraulic VIH, Acme

### D75XC3516A

1½" X-Series Rotor, with Check Valve, Acme

### D75XE351680A

1½" X-Series Rotor, Electric VIH, Acme

### D75XH3516A

1½" X-Series Rotor, Hydraulic VIH, Acme

\* Pressure Regulation

(Electric Model Only)

60, 70, 80 (Standard Pressure), 90 or 100 PSI

\*Inlet thread availability; NPT, BSP, or Acme

(standard stocking item)

\*Re-Claimed Water Versions Available



## SPECIFICATIONS

### OPERATING RANGE:

60-100 psi (4,1 – 6,9 bar)

### MAXIMUM PRESSURE:

100 psi (6,9 bar)

### MINIMUM PRESSURE:

40 psi (2,7 bar)

### DISCHARGE:

11.0 to 31.3 gpm (2,49 – 7,11 m³/hr)

### POP-UP HEIGHT:

4" (10 cm)

### BODY HEIGHT:

10¾" (27,3 cm)

### TOP DIAMETER:

7½" (19,1 cm)

### INLET SIZE:

1½" (38,1 mm) female NPT

1½" (38,1 mm) female BSP

1½" (38,1 mm) female Acme

### CHECK VALVE MODELS:

Holds back up to 15' (4,5 m) difference in elevation

### # PER BOX:

4

## Accessories

### D001

Snap ring/pilot valve tool

### D002

Pilot valve key

### D004

1½" valve insertion tool

## FEATURES

- A full 4-inch pop-up clears tall turfgrass for even coverage.
- Rolled-over flange keeps turfgrass clear of riser and nozzle.
- Stainless-steel riser resists damage and vandalism.
- Tough, commercial-grade plastic case stands up to punishment.
- Special design eliminates blow-by and reduces pressure loss to improve system performance.
- Dual-direction flushing protects internals from debris and ensures positive pop-up/down.
- Uniform coverage with square or triangular spacing.
- Full-circle and adjustable patterns for maximum flexibility.
- Easy arc adjustment in the field without any tools.
- Nozzle kit offers fully interchangeable nozzles and is included with each rotor.
- Unique manual On/Off control for hydraulic rotors.
- Heavy-duty spring assures positive retraction.
- Radius can be adjusted up to 25 percent for best coverage.
- Compact cartridge design allows for quick and easy repair.
- Quick lock design allows internals to be serviced from the rotor's top.

- D70/D75 C Models include factory-installed check valve
- D70/D75 E Models feature electric valve and head
- D70/D75 H Models are N.O. hydraulically controlled
- D75 X-Series are dual part-circle rotors with adjustable radii.

## D70 SERIES

Pressure	Max Radius	Discharge	Precipitation Rate¹		Nozzle Number	Pressure	Max Radius	Discharge	Precipitation Rate¹			
PSI	FT	GPM	IN/HR■	IN/HR▲		BAR	kPa	m	L/s	m³/hr	mm/hr■	mm/hr▲
60	67	33.2	0.71	0.82	37 Red	4.1	410	20.4	2.1	7.5	18.19	21.00
70	73	36.1	0.65	0.75		4.8	480	22.2	2.3	8.2	16.65	19.23
80	77	48.1	0.78	0.90		5.5	550	23.4	3.0	10.9	19.94	23.03
90	73	36.1	0.65	0.75		6.2	620	22.2	2.3	8.2	16.65	19.23
60	65	34.3	0.78	0.90	40 Gray	4.1	410	19.8	2.2	7.8	19.95	23.04
70	73	38.6	0.70	0.81		4.8	480	22.2	2.4	8.8	17.82	20.58
80	79	50.6	0.78	0.90		5.5	550	24.0	3.2	11.5	19.90	22.98
90	75	42.6	0.73	0.73		6.2	620	22.8	2.7	9.7	18.61	21.50
60	67	36.8	0.79	0.91	45 Green	4.1	410	20.4	2.3	8.4	20.16	23.28
70	76	41.7	0.70	0.80		4.8	480	23.1	2.6	9.5	17.74	20.49
80	85	52.5	0.70	0.81		5.5	550	25.8	3.3	11.9	17.87	20.63
90	83	45.9	0.64	0.74		6.2	620	25.2	2.9	10.4	16.36	18.89
60	73	44.6	0.81	0.93	50* Black	4.1	410	22.2	2.8	10.1	20.56	23.74
70	77	46.9	0.76	0.88		4.8	480	23.4	3.0	10.7	19.46	22.47
80	89	56.2	0.68	0.79		5.5	550	27.1	3.5	12.8	17.42	20.12
90	89	51.3	0.62	0.72		6.2	620	27.1	3.2	11.6	15.91	18.37
60	75	46.0	0.79	0.91	57 Blue	4.1	410	22.8	2.9	10.5	20.11	23.23
70	79	48.8	0.75	0.87		4.8	480	24.0	3.1	11.1	19.20	22.17
80	93	61.7	0.69	0.79		5.5	550	28.3	3.9	14.0	17.54	20.26
90	93	54.2	0.60	0.70		6.2	620	28.3	3.4	12.3	15.39	17.77

\*Factory installed

## D75 SERIES

Pressure	Max Radius	Discharge	Precipitation Rate¹		Nozzle Number	Pressure	Max Radius	Discharge	Precipitation Rate¹			
PSI	FT	GPM	IN/HR■	IN/HR▲		BAR	kPa	m	L/s	m³/hr■ mm/hr▲		
60	67	27.5	0.59	0.68	32* Yellow	4.1	410	20.4	1.7	6.2	15.03	17.35
70	69	29.3	0.59	0.68		4.8	480	21.0	1.8	6.6	15.10	17.44
80	69	31.6	0.64	0.74		5.5	550	21.0	2.0	7.2	16.31	18.83
90	71	33.1	0.63	0.73		6.2	620	21.6	2.1	7.5	16.11	18.60
60	67	28.0	0.60	0.69	36 Gray	4.1	410	20.4	1.8	6.4	15.32	17.69
70	69	32.2	0.65	0.75		4.8	480	21.0	2.0	7.3	16.59	19.16
80	69	34.0	0.69	0.79		5.5	550	21.0	2.1	7.7	17.52	20.23
90	73	36.5	0.66	0.76		6.2	620	22.2	2.3	8.3	16.82	19.43
60	65	32.3	0.74	0.85	41 Orange	4.1	410	19.8	2.0	7.3	18.80	21.71
70	71	34.5	0.76	0.76		4.8	480	21.6	2.2	7.8	16.81	19.41
80	73	37.7	0.79	0.79		5.5	550	22.2	2.4	8.6	17.40	20.10
90	73	39.9	0.72	0.83		6.2	620	22.2	2.5	9.1	18.40	21.25

\*Factory installed