



D50/D55 Series

Golf Rotor

- 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.



	D50 SERIES	D55 SERIES
Inlet Size	1" Female Acme (25.4 mm)	1" Female Acme (25.4 mm)
Operating Range	50 - 80 PSI (3.4 - 5.5 BAR)	50 - 80 PSI (3.4 - 5.5 BAR)
Maximum Pressure	100 PSI (6.9 bar)	100 PSI (6.9 bar)
Minimum Pressure	40 PSI (2.7 bar)	40 PSI (2.7 bar)
Discharge	7.9 to 32.4 gpm (1.8 - 7.4 m ³ /hr)	7.9 to 32.4 gpm (1.8 - 7.4 m ³ /hr)
Full Circle Fixed Arc	✓	
Part Circle Adjustable Arc		✓
Electric Valve-in-Head	Model D50E	Model D55E
Hydraulic Valve-in-Head	Model D50H	Model D55H
Check Valve	Model D50C	Model D55C
Adjustable Pressure Regulation	Model D50E	Model D55E
Top Serviceable	✓	✓
Nozzle Assortment Included	✓	✓
Dual Direction Flushing	✓	✓
25% Radius Adjustment	✓	✓
Dual Nozzle "X" Model Available		
NPT Inlet Adapters Available	✓	✓
Compatible Nozzle Kit	D1152-SA	D1073-SA D155X-SA

	<u>BODY HEIGHT:</u>	<u>TOP DIAMETER:</u>	<u>POP-UP HEIGHT:</u>
D50/D55C Series, D50/D55E Series and D50/D55H Series	9 3/4" (24.8 cm)	6 1/2" (17.1 cm)	4" (10 cm)
D50B Series	8 1/4" (20.9 cm)	6" (15.2 cm)	

CHECK VALVE MODELS
Holds back up to 15' (4.5 m) difference in elevation





GOLF PRODUCTS D50/D55 SERIES GOLF ROTOR



D50 SERIES SPECIFICATIONS

MODEL	DESCRIPTION
D50C25A*	1" Full Circle Rotor with Check Valve, Acme
D50E2570A*	1" Full Circle Rotor, Electric VIH, Acme
D50H25A*	1" Full Circle Rotor, Hydraulic VIH, Acme
D50B25A*	1" Full Circle Block Rotor, with Check Valve Acme

- * Pressure Regulation (electric model only)
- * 60, 70 (Standard Pressure), or 80 PSI
- * Inlet thread availability; NPT, BSP, or Acme (standard stocking item)
- * Re-Claimed Water versions available



D55 SERIES SPECIFICATIONS

MODEL	DESCRIPTION
D55C25A*	1" Part Circle Rotor with Check Valve, Acme
D55E2570A*	1" Part Circle Rotor, Electric VIH, Acme
D55H25A*	1" Part Circle Rotor, Hydraulic VIH, Acme
D55B25A*	1" Part circle Block Rotor, with Check Valve, Acme
D55XC2514A*	1" X-Series Rotor, with Check Valve, Acme
D55XE251470A*	1" X-Series Rotor, Electric VIH, Acme
D55XH2514A*	1" X-Series Rotor, Hydraulic VIH, Acme

- * Pressure Regulation (electric model only)
- * 60, 70 (Standard Pressure), or 80 PSI
- * Inlet thread availability; NPT, BSP, or Acme (standard stocking item)
- * Re-Claimed Water versions available

D50 SERIES PERFORMANCE

Nozzle						Metric						
	Pressure PSI	Max. Radius* ft.	Discharge gpm	Precipitation Rate ¹ in/hr ■ in/hr ▲		Pressure BAR	Pressure kPa	Max. Radius* m	Discharge L/s	Discharge m ³ /hr	Precipitation Rate ¹ mm/hr ■ mm/hr ▲	
8 Black	60	37	7.9	0.56	0.64	4.1	410	11.2	0.5	1.8	14.18	16.37
	70	37	10.1	0.71	0.82	4.8	480	11.2	0.6	2.3	18.13	20.93
	80	-	-	-	-	5.5	550	-	-	-	-	-
12 Gray	60	39	9.9	0.63	0.72	4.1	410	11.9	0.6	2.2	15.99	18.47
	70	39	11.5	0.73	0.84	4.8	480	11.9	0.7	2.6	18.58	21.45
	80	-	-	-	-	5.5	550	-	-	-	-	-
14 Yellow	60	47	13.8	0.60	0.69	4.1	410	14.3	0.9	3.1	15.35	17.3
	70	47	15.4	0.67	0.78	4.8	480	14.3	1.0	3.5	17.13	19.78
	80	-	-	-	-	5.5	550	-	-	-	-	-
16 Orange	60	51	16.9	0.63	0.72	4.1	410	15.5	1.1	3.8	15.97	18.44
	70	55	18.3	0.58	0.67	4.8	480	16.7	1.2	4.2	14.87	17.17
	80	-	-	-	-	5.5	550	-	-	-	-	-
18 Brown	60	53	19.8	0.68	0.78	4.1	410	16.1	1.2	4.5	17.32	20.00
	70	57	20.2	0.60	0.69	4.8	480	17.3	1.3	4.6	15.28	17.64
	80	-	-	-	-	5.5	550	-	-	-	-	-
19 Red	60	55	19.7	0.63	0.72	4.1	410	16.7	1.2	4.5	16.00	18.48
	70	55	21.1	0.67	0.78	4.8	480	16.7	1.3	4.8	17.14	19.79
	80	59	22.2	0.61	0.71	5.5	550	18.0	1.4	5.0	15.59	18.00
25 Blue	60	59	22.6	0.63	0.72	4.1	410	17.9	1.4	5.1	15.95	18.42
	70	67	26.6	0.57	0.66	4.8	480	20.4	1.7	6.0	14.56	16.81
	80	69	28.5	0.58	0.67	5.5	550	21.0	1.8	6.5	14.63	16.90
28 Green	60	62	28.0	0.70	0.81	4.1	410	18.8	1.8	6.4	17.90	20.67
	70	71	30.8	0.59	0.68	4.8	480	21.6	1.9	7.0	15.01	17.34
	80	72	32.4	0.60	0.70	5.5	550	21.9	2.0	7.4	15.28	17.64

¹ Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.

D55 SERIES PERFORMANCE

Nozzle						Metric						
	Pressure PSI	Max. Radius* ft.	Discharge gpm	Precipitation Rate ¹ in/hr ■ in/hr ▲		Pressure BAR	Pressure kPa	Max. Radius* m	Discharge L/s	Discharge m ³ /hr	Precipitation Rate ¹ mm/hr ■ mm/hr ▲	
8 Black	60	37	7.9	0.56	0.64	4.1	410	11.2	0.5	1.8	14.18	16.37
	70	37	10.1	0.71	0.82	4.8	480	11.2	0.6	2.3	18.13	20.93
	80	-	-	-	-	5.5	550	-	-	-	-	-
12 Gray	60	40	9.0	0.54	0.63	4.1	410	12.2	0.6	2.0	13.82	15.96
	70	40	12.0	0.72	0.83	4.8	480	12.2	0.8	2.7	18.43	21.28
	80	-	-	-	-	5.5	550	-	-	-	-	-
14 Yellow	60	49	11.9	0.48	0.55	4.1	410	14.9	0.8	2.7	12.18	14.06
	70	47	14.5	0.63	0.73	4.8	480	14.3	0.9	3.3	16.13	18.63
	80	-	-	-	-	5.5	550	-	-	-	-	-
16 Orange	60	53	15.0	0.51	0.59	4.1	410	16.1	0.9	3.4	13.12	15.15
	70	51	16.3	0.60	0.70	4.8	480	15.5	1.0	3.7	15.40	17.78
	80	-	-	-	-	5.5	550	-	-	-	-	-
18 Brown	60	57	16.8	0.50	0.58	4.1	410	17.3	1.1	3.8	12.71	14.67
	70	55	18.3	0.58	0.67	4.8	480	16.7	1.2	4.2	14.87	17.17
	80	-	-	-	-	5.5	550	-	-	-	-	-
19 Red	60	55	19.7	0.63	0.72	4.1	410	16.7	1.2	4.5	16.00	18.48
	70	55	21.1	0.67	0.78	4.8	480	16.7	1.3	4.8	17.14	19.79
	80	59	22.2	0.61	0.71	5.5	550	18.0	1.4	5.0	15.59	18.00
25 Blue	60	61	21.2	0.55	0.63	4.1	410	18.5	1.3	4.8	14.00	16.17
	70	59	24.4	0.68	0.78	4.8	480	17.9	1.5	5.5	17.22	19.89
	80	65	26.4	0.60	0.69	5.5	550	19.8	1.7	6.0	15.27	17.64
28 Green	60	63	26.4	0.64	0.74	4.1	410	19.2	1.7	6.0	16.35	18.87
	70	65	26.2	0.60	0.69	4.8	480	19.8	1.7	6.0	15.24	17.60
	80	67	32.4	0.66	0.76	5.5	550	20.4	1.9	6.9	16.66	19.24

¹ Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.