

D70/D75 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.



D70 SERIES

D75 SERIES

Inlet Size	1 1/2" Female Acme (38.1 mm)	1 1/2" Female Acme (38.1 mm)
Operating Range	60-100 PSI (4.1 - 6.9 bar)	60-100 PSI (4.1 - 6.9 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	33.2 to 54.2 gpm (7.5 - 12.3 m ³ /hr)	33.2 to 54.2 gpm (7.5 - 12.3 m ³ /hr)
Full Circle Fixed Arc	✓	
Part Circle Adjustable Arc		✓
Electric Valve-in-Head	Model D70E	Model D75E
Hydraulic Valve-in-Head	Model D70H	Model D75H
Check Valve	Model D70C	Model D75C
Adjustable Pressure Regulation	Model D70E	Model D75E
Top Serviceable	✓	✓
Nozzle Assortment Included	✓	✓
Dual Direction Flushing	✓	✓
25% Radius Adjustment	✓	✓
Dual Nozzle "X" Model Available		✓
NPT Inlet Adapters Available	✓	✓
Compatible Nozzle Kit	D1159-SA	D1476-SA D175X-SA



GOLF PRODUCTS D70/D75 SERIES GOLF ROTOR



D70 SERIES SPECIFICATIONS

MODEL	DESCRIPTION
D70C50A*	1 1/2" Full Circle Rotor with Check Valve, Acme
D70E5080A*	1 1/2" Full Circle Rotor, Electric VIH, Acme
D70H50A*	1 1/2" Full Circle 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



D75 SERIES SPECIFICATIONS

MODEL	DESCRIPTION
D75C32A*	1 1/2" Part Circle Rotor with Check Valve, Acme
D75E3280A*	1 1/2" Part Circle Rotor, Electric VIH, Acme
D75H32A*	1 1/2" Part Circle Rotor, Hydraulic VIH, Acme
D75XC3516A*	1 1/2" X-Series Rotor, with Check Valve, Acme
D75XE351680A*	1 1/2" X-Series Rotor, Electric VIH, Acme
D75XH3516A*	1 1/2" 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

D70 SERIES PERFORMANCE

Nozzle	Imperial				Metric							
	Pressure	Max. Radius*	Discharge	Precipitation Rate ¹		Pressure		Max. Radius*	Discharge		Precipitation Rate ¹	
	PSI	ft.	gpm	in/hr ■	in/hr ▲	BAR	kPa	m	L/s	m ³ /hr	mm/hr ■	mm/hr ▲
37 Red	60	67	33.2	0.71	0.82	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
40 Gray	60	65	34.3	0.78	0.90	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
45 Green	60	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	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
50 Black	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	4.1	410	22.2	2.8	10.1	20.56	23.74
57 Blue	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
57 Blue	60	75	46.0	0.79	0.91	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	

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.

D75 SERIES PERFORMANCE

Nozzle	Imperial				Metric							
	Pressure	Max. Radius*	Discharge	Precipitation Rate ¹		Pressure		Max. Radius*	Discharge		Precipitation Rate ¹	
	PSI	ft.	gpm	in/hr ■	in/hr ▲	BAR	kPa	m	L/s	m ³ /hr	mm/hr ■	mm/hr ▲
32 Yellow	60	67	27.5	0.59	0.68	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	21.6	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
36 Gray	60	67	28.0	0.60	0.69	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
41 Orange	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	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
41 Orange	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

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.

DIMENSIONS

- POP-UP HEIGHT: 4" (10 cm)
- BODY HEIGHT: 10 3/4" (27.3 cm)
- TOP DIAMETER: 7 1/2" (19.1 cm)

CHECK VALVE MODELS

- Holds back up to 15' (4.5 m) difference in elevation