

GOLF - MID RANGE ROTORS

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, 80 (Standard Pressure), 90 or 100 PSI
- * **Inlet thread availability; NPT, BSP, or ACME**
(standard stocking item)
- * **Re-Claimed Water Versions Available**



D001



D002

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, 80 (Standard Pressure), 90 or 100 PSI
- * **Inlet thread availability; NPT, BSP, or ACME**
(standard stocking item)
- * **Re-Claimed Water Versions Available**

Accessories

D001

Snap ring/pilot valve tool

D002

Pilot valve key

D004

1 1/4" ACME & 1 1/2" NPT/BSP valve insertion tool

D038

Pressure gauge

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:

10 3/4" (27,3 cm)

TOP DIAMETER:

7 1/2" (19,1 cm)

INLET SIZE:

1 1/2" (38,1 mm) female NPT

1 1/2" (38,1 mm) female BSP

1 1/4" (31,75 mm) female ACME

CHECK VALVE MODELS:

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

PER BOX:

4

D004



D038

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

Part Number	Pressure		Max Radius		Discharge		Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius		Discharge		Precipitation Rate ¹	
	PSI	FT	GPM	IN/HR	IN/HR	IN/HR	IN/HR	IN/HR		BAR	kPa	m	L/s	m ³ /hr	mm/hr	mm/hr	mm/hr
D1085	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	
D1086	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	
D1087	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	
D1088	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	
D1089	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

Part Number	Pressure		Max Radius		Discharge		Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius		Discharge		Precipitation Rate ¹	
	PSI	FT	GPM	IN/HR	IN/HR	IN/HR	IN/HR	IN/HR		BAR	kPa	m	L/s	m ³ /hr	mm/hr	mm/hr	mm/hr
D1201	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	
D1097	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	
D1020	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

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