

MODELS

D25AN (D25AB)

Standard with anti-drain valve (ADV)

D25BN (D25BB)

High speed rotation and stainless steel piston sleeve

D25CN (D25CB)

Stainless steel piston sleeve, heavy-duty spring and anti-drain valve (ADV)

Note: Versions in parenthesis feature BSP threading

Accessories

D1505

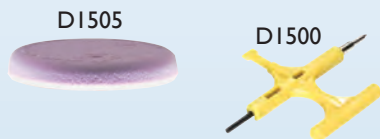
Lavender Cover

D1500

Wrench

D1503

Anti-drain valve (not shown)



Radius reduction
adjustment hole



Pull-up slot

SPECIFICATIONS

OPERATING RANGE:

40-75 psi (2,7 – 5,2 bar)

MAXIMUM PRESSURE:

80 psi (5,5 bar)

DISCHARGE:

2.8 to 13.2 gpm (0,64 – 3,00 m³/hr)

SPRAY TRAJECTORY:

25°

POP-UP HEIGHT:

4" (10 cm)

BODY HEIGHT:

8" (20,3 cm)

EXPOSED CAP DIAMETER:

1 7/8" (4,7 cm)

CAP DIAMETER:

2 7/8" (7,3 cm)

TYPE OF CAP:

Rubber with locking screw

INLET SIZE:

1" (25,4 mm) female NPT (D25AN, D25BN, D25CN)

1" (25,4 mm) female BSP (D25AB, D25BB, D25CB)

SCREEN MESH:

.045 sq. in. (1, 14 mm²) / 1150 micron

ADV MODELS:

Holds back up to 10' (3 m) difference in elevation

PER BOX:

20

FEATURES

- Bayonet protective cap
- NIR² feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments
- Four interchangeable Acu-Cover nozzles ranging from 2.8 to 13.2 gpm (0,64 – 3,00 m³/hr)
- Rubber cap has locking screw for vandal protection (standard on all units)
- Proven reliability of the water driven gear motor
- Click-Set[®] collars are quick and easy to adjust
- Continuous 360° rotation or part-circle adjustment 40° to 310°
- Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry
- D25BN Pro offers one minute revolution for quick syringe applications
- Heavy-duty case with stabilizer ribs increases stability even in loose soil
- Wrench, piston clamp and installation instructions included

D25 SERIES

Nozzle color 
25° trajectory



Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR■ IN/HR▲		BAR	kPa	m	m	L/min m³/hr
45	44	33	2.8	0.23 0.29	61	3.1	310	13.4	10.1	10.6 0.64
60	46	35	3.3	0.27 0.34		4.1	414	14.0	10.5	12.5 0.75
75	46	35	3.8	0.31 0.39		5.2	517	14.0	10.5	14.4 0.86
45	48	36	5.2	0.39 0.49	62	3.1	310	14.6	11.0	19.7 1.18
60	52	39	6.1	0.41 0.52		4.1	414	15.9	11.9	23.1 1.39
75	54	41	7.0	0.44 0.54		5.2	517	16.5	12.4	26.5 1.59
45	51	38	7.4	0.52 0.65	63	3.1	310	15.6	11.7	28.0 1.68
60	54	41	8.8	0.55 0.68		4.1	414	16.5	12.4	33.3 2.00
75	55	41	10.1	0.60 0.75		5.2	517	16.8	12.6	38.2 2.29
45	52	39	9.7	0.67 0.83	64	3.1	310	15.9	11.9	36.7 2.20
60	57	43	11.6	0.66 0.82		4.1	414	17.4	13.0	43.9 2.63
75	60	45	13.2	0.66 0.84		5.2	517	18.3	13.7	50.0 3.00

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.

D25BN/D25BB HIGH SPEED

Nozzle color 
25° trajectory



Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR■ IN/HR▲		BAR	kPa	m	m	L/min m³/hr
45	43	32	2.8	0.29 0.34	61	3.1	310	13.1	9.8	10.6 0.64
60	43	32	3.3	0.34 0.40		4.1	414	13.1	9.8	12.5 0.75
75	43	32	3.8	0.40 0.46		5.2	517	13.1	9.8	14.4 0.86
45	44	33	5.2	0.52 0.60	62	3.1	310	13.4	10.1	19.7 1.18
60	46	35	6.1	0.56 0.64		4.1	414	14.0	10.5	23.1 1.39
75	47	35	7.0	0.61 0.71		5.2	517	14.3	10.7	26.5 1.59
45	48	36	7.4	0.62 0.72	63	3.1	310	14.6	11.0	28.0 1.68
60	50	38	8.8	0.68 0.79		4.1	414	15.2	11.4	33.3 2.00
75	50	38	10.1	0.78 0.90		5.2	517	15.2	11.4	38.2 2.29
45	46	35	9.7	0.89 1.02	64	3.1	310	14.0	10.5	36.7 2.20
60	49	37	11.6	0.93 1.08		4.1	414	14.9	11.2	43.9 2.63
75	51	38	13.2	0.98 1.13		5.2	517	15.5	11.7	50.0 3.00

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.



MODELS

D35AN (D35AB)

Standard with anti-drain valve (ADV)

D35CN (D35CB)

Stainless steel piston sleeve, heavy-duty spring and anti-drain valve (ADV)

Note: "E" versions (or versions in parenthesis) feature BSP threading

Accessories

D3507

Sod Cup Kit

D3505

Lavender Cover

D3500

Wrench



SPECIFICATIONS

OPERATING RANGE:

40-90 psi (2,7 – 6,2 bar)

MAXIMUM PRESSURE:

100 psi (6,9 bar)

DISCHARGE:

5.6 to 19.6 gpm (1,27 – 4,45 m³/hr)

SPRAY TRAJECTORY:

25°

POP-UP HEIGHT:

4½" (11,4 cm)

BODY HEIGHT:

9½" (24,1 cm)

EXPOSED CAP DIAMETER:

2½" (6,3 cm)

TYPE OF CAP:

Rubber with locking screw

INLET SIZE:

1" (25,4 mm) female NPT (D35AN, D35AB)

1" (25,4 mm) female BSP (D35AB, D35CB)

SCREEN MESH:

.045 sq. in. (1,14 mm²) / 1150 micron

ADV MODELS:

Holds back up to 10' (3 m) difference in elevation

PER BOX:

10



FEATURES

- NIR² feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments
- Six interchangeable Acu-Cover nozzles ranging from 5.6 to 19.6 gpm (1,27 – 4,45 m³/hr)
- Rubber cap has two locking screws for vandal protection
- Click-Set® collars are quick and easy to adjust
- Gear drive may be installed ½" (1,3 cm) below grade
- Proven reliability of the water driven gear motor
- Continuous 360° rotation or part-circle adjustable 40° to 310°
- Heavy-duty case with stabilizer ribs increases stability even in loose soil
- Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry
- Wrench, piston clamp and installation instructions included

D35 SERIES

Nozzle color 
25° trajectory



					Nozzle Number					
Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹		Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR ■ IN/HR ▲		BAR	kPa	m	m	L/min m ³ /HR mm/hr ■ mm/hr ▲
45	41	31	5.6	0.64 0.74	1	3.1	310	12.5	9.4	21.2 1.27 16.3 18.8
60	42	32	5.9	0.64 0.74		4.1	414	12.8	9.6	22.3 1.34 16.4 18.9
75	42	32	7.2	0.79 0.91		5.2	517	12.8	9.6	27.3 1.64 20.0 23.0
90	43	32	7.8	0.81 0.94		6.2	621	13.1	9.8	29.5 1.77 20.6 23.8
45	48	36	6.9	0.58 0.67	2	3.1	310	14.6	11.0	26.1 1.57 14.6 16.9
60	49	37	7.8	0.63 0.72		4.1	414	14.9	11.2	29.5 1.77 15.9 18.3
75	49	37	8.9	0.71 0.82		5.2	517	14.9	11.2	33.7 2.02 18.1 20.9
90	50	38	9.8	0.75 0.87		6.2	621	15.2	11.4	37.1 2.23 19.2 22.1
45	52	39	8.7	0.62 0.72	3	3.1	310	15.9	11.9	32.9 1.98 15.7 18.2
60	53	40	9.9	0.68 0.78		4.1	414	16.2	12.1	37.5 2.25 17.2 19.9
75	53	40	11.3	0.77 0.89		5.2	517	16.2	12.1	42.8 2.57 19.7 22.7
90	54	41	12.4	0.82 0.95		6.2	621	16.5	12.3	46.9 2.82 20.8 24.0
45	54	41	10.7	0.71 0.82	4	3.1	310	16.5	12.3	40.5 2.43 17.9 20.7
60	55	41	12.2	0.78 0.90		4.1	414	16.8	12.6	46.2 2.77 19.7 22.8
75	56	42	14.0	0.86 0.99		5.2	517	17.1	12.8	53.0 3.18 21.8 25.2
90	58	44	15.3	0.88 1.01		6.2	621	17.7	13.3	57.9 3.48 22.2 25.7
45	55	41	11.5	0.73 0.85	5	3.1	310	16.8	12.6	43.5 2.61 18.6 21.5
60	57	43	13.2	0.78 0.90		4.1	414	17.4	13.0	50.0 3.00 19.9 22.9
75	57	43	15.1	0.89 1.03		5.2	517	17.4	13.0	57.2 3.43 22.7 26.2
90	59	44	16.4	0.91 1.05		6.2	621	18.0	13.5	62.1 3.73 23.0 26.6
45	56	42	13.7	0.84 0.97	6	3.1	310	17.1	12.8	51.9 3.11 21.4 24.7
60	59	44	15.7	0.87 1.00		4.1	414	18.0	13.5	59.4 3.57 22.1 25.5
75	61	46	18.8	0.97 1.12		5.2	517	18.6	13.9	71.2 4.27 24.7 28.5
90	63	47	19.6	0.95 1.10		6.2	621	19.2	14.4	74.2 4.45 24.1 27.9

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.



MODELS

D45AN (D45AB)

Standard with anti-drain valve (ADV)

D45BN (D45BB)

High speed rotation, stainless steel piston sleeve, and anti-drain valve (ADV)

Note: "E" versions (or versions in parenthesis) feature BSP threading

Accessories

D3507

Sod Cup Kit

D3505

Lavender Cover

D3500

Wrench



SPECIFICATIONS

OPERATING RANGE:

40-90 psi (2,7 – 6,2 bar)

MAXIMUM PRESSURE:

100 psi (6,9 bar)

DISCHARGE:

9.4 to 27.5 gpm (2,13 – 6,24 m³/hr)

SPRAY TRAJECTORY:

25°

POP-UP HEIGHT:

4½" (11,4 cm)

BODY HEIGHT:

9½" (24,1 cm)

EXPOSED CAP DIAMETER:

2½" (6,3 cm)

TYPE OF CAP:

Rubber with locking screw

INLET SIZE:

1" (25,4 mm) female NPT (D45AN, D45BN)

1" (25,4 mm) female BSP (D45AB, D45BB)

SCREEN MESH:

.045 sq. in. (1,14 mm²) / 1150 micron

ADV MODELS:

Holds back up to 10' (3 m) difference in elevation

PER BOX:

10



FEATURES

- NIR² feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments
- Six interchangeable Acu-Cover nozzles ranging from 9.4 to 27.5 gpm (2,13 – 6,24 m³/hr)
- Rubber cap has two locking screws for vandal protection
- Click-Set® collars are quick and easy to adjust
- Gear drive may be installed ½" (1,3 cm) below grade
- Proven reliability of the water driven gear motor
- Continuous 360° rotation or part-circle adjustable 40° to 310°
- Heavy-duty case with stabilizer ribs increases stability even in loose soil
- Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry
- Wrench, piston clamp and installation instructions included



D45 SERIES

Nozzle color ●
25° trajectory



Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR ■ IN/HR ▲		BAR kPa	m	m	L/min m ³ /hr	mm/hr ■ mm/hr ▲
45	53	40	9.4	0.64 0.80	3	3.1 310	16.2	12.1	35.6 2.13	16.4 20.4
60	56	42	10.9	0.67 0.83		4.1 414	17.1	12.8	41.3 2.47	17.0 21.2
75	57	43	12.2	0.72 0.90		5.2 517	17.4	13.0	46.2 2.77	18.4 22.9
90	58	44	13.4	0.77 0.96		6.2 621	17.7	13.3	50.7 3.04	19.5 24.3
45	54	41	11.4	0.75 0.94	4	3.1 310	16.5	12.4	43.1 2.59	19.1 23.8
60	59	44	13.2	0.73 0.91		4.1 414	18.0	13.5	50.0 3.00	18.6 23.1
75	61	46	14.9	0.77 0.96		5.2 517	18.6	14.0	56.4 3.38	19.6 24.4
90	62	47	16.4	0.82 1.02		6.2 621	18.9	14.2	62.1 3.72	20.9 26.0
45	57	43	12.3	0.73 0.91	5	3.1 310	17.4	13.0	46.6 2.79	18.5 23.1
60	61	46	14.4	0.75 0.93		4.1 414	18.6	14.0	54.5 3.27	18.9 23.6
75	65	49	16.2	0.74 0.92		5.2 517	19.8	14.9	61.3 3.68	18.8 23.4
90	66	50	17.8	0.79 0.98		6.2 621	20.1	15.1	67.4 4.04	20.0 24.9
60	64	48	17.5	0.82 1.03	6	4.1 414	19.5	14.6	66.2 3.97	20.9 26.1
75	68	51	20.0	0.83 1.04		5.2 517	20.7	15.6	75.7 4.54	21.2 26.4
90	68	51	22.1	0.92 1.15		6.2 621	20.7	15.6	83.6 5.02	23.4 29.2
60	65	49	19.6	0.89 1.11	7	4.1 414	19.8	14.9	74.2 4.45	22.7 28.3
75	69	52	21.3	0.86 1.07		5.2 517	21.0	15.8	80.6 4.84	21.9 27.3
90	73	55	24.6	0.89 1.11		6.2 621	22.3	16.7	93.1 5.58	22.6 28.2
60	66	50	21.8	0.96 1.20	8	4.1 414	20.1	15.1	82.5 4.95	24.5 30.5
75	71	53	24.8	0.95 1.18		5.2 517	21.7	16.2	93.9 5.63	24.1 30.0
90	74	56	27.5	0.97 1.21		6.2 621	22.6	16.9	104.1 6.24	24.6 30.6

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.

D45BN/D45BB

HIGH SPEED

Nozzle color ●
25° trajectory



Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹	Nozzle Number	Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹
PSI	FT	FT	GPM	IN/HR ■ IN/HR ▲		BAR kPa	m	m	L/min m ³ /hr	mm/hr ■ mm/hr ▲
45	48	36	9.4	0.79 0.98	3	3.1 310	14.6	11.0	35.6 2.13	20.0 24.9
60	50	38	10.9	0.84 1.05		4.1 414	15.3	11.4	41.3 2.47	21.3 26.6
75	50	38	12.2	0.94 1.17		5.2 517	15.3	11.4	46.2 2.77	23.9 29.8
90	53	40	13.4	0.92 1.15		6.2 621	16.2	12.1	50.7 3.04	23.3 29.1
45	51	38	11.4	0.84 1.05	4	3.1 310	15.6	11.7	43.1 2.59	21.4 26.7
60	54	41	13.2	0.87 1.09		4.1 414	16.5	12.4	50.0 3.00	22.1 27.6
75	55	41	14.9	0.95 1.18		5.2 517	16.8	12.6	56.4 3.38	24.1 30.0
90	55	41	16.4	1.04 1.30		6.2 621	16.8	12.6	62.1 3.72	26.5 33.1
45	52	39	12.3	0.88 1.09	5	3.1 310	15.9	11.9	46.6 2.79	22.3 27.8
60	55	41	14.4	0.92 1.14		4.1 414	16.8	12.6	54.5 3.27	23.3 29.0
75	57	43	16.2	0.96 1.20		5.2 517	17.4	13.0	61.3 3.68	24.4 30.4
90	58	44	17.8	1.02 1.27		6.2 621	17.7	13.3	67.4 4.04	25.9 32.3
60	58	44	17.5	1.00 1.25	6	4.1 414	17.7	13.3	66.2 3.97	25.4 31.7
75	60	45	20.0	1.07 1.33		5.2 517	18.3	13.7	75.7 4.54	27.2 33.9
90	61	46	22.1	1.14 1.43		6.2 621	18.6	14.0	83.6 5.02	29.1 36.2
60	58	44	19.6	1.12 1.40	7	4.1 414	17.7	13.3	74.2 4.45	28.5 35.5
75	60	45	21.3	1.14 1.42		5.2 517	18.3	13.7	80.6 4.84	28.9 36.1
90	61	46	24.6	1.27 1.59		6.2 621	18.6	14.0	93.1 5.58	32.3 40.3
60	59	44	21.8	1.21 1.50	8	4.1 414	18.0	13.5	82.5 4.95	30.6 38.2
75	61	46	24.8	1.28 1.60		5.2 517	18.6	14.0	93.9 5.63	32.6 40.7
90	64	48	27.5	1.29 1.61		6.2 621	19.5	14.6	104.1 6.24	32.8 41.0

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.