Parent Order No 15054628 Dealer WWC ENTERPRISES, INC. Sprinkler Order No 15054630

Customer Ricky Mims

Field Name

Valley Standard Pivot 7000 Machine Summary

Span and Overhang

Model	Qty	Length (ft)	Pipe O.D. (in)	Coupler Spacing (in)	D. U. Qty	Profile	Tire
7000	4	180.0	6 5/8	108	20	Standard	11.2 x 38
7000	1	36.0	6 5/8	110	6		

Field Area

51.5 (Ac) Total
41.4 (Ac) Pivot 360°
10.1 (Ac) EG on 100%
758.0 (ft) Machine Length
87.1 (ft) End Gun Radius

Flow

300 (GPM)
5.82 (GPM per Acre)
0.31 (in per day) App Rate
0.051 (in) App Depth @ 100%
64.2 (GPM) End Gun

Messages

Caution:
None

Dealer:
None

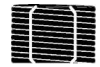
Pressure

25 (PSI) Pivot Pressure
Inlet Pressure
13 (ft) Highest Elevation
17 (ft) Lowest Elevation

LRDU Drive Train

68 RPM Center Drive @60 Hz freq.
11.2 x 38 Tire
52:1 Wheel GB Ratio, LRDU Dist 721.8 (ft)
4.0 Hrs/360° @ 100% 18.90 (Ft per Min)
4 Hrs/360° @ 100%

Sprinkler -- Available Outlets

Sprinkler Configuration	Range(ft)	
Nelson U-Pipe 6(in) Plastic 3/4 M NPT x 3/4 M NPT	Outlets	
Black Hose Drop Variable Length 36(in) Ground Clr	4,80 82,83 85,86	
Nelson Regulator Blue Threaded 15(PSI) 3/4 F NPT		
Senninger OneWeight Integrated Weight 0.85		
Senninger LDN - UP3 Concave 3/4 M NPT		
		

1015.30 (ft) Total Drop Hose Length

Parent Order No 15054628 Dealer WWC ENTERPRISES, INC. Sprinkler Order No 15054630

Customer Ricky Mims

Field Name

Valley Standard Pivot 7000 Machine Summary

Pressure Loss

Pipe Length (ft)	Pipe I.D. (in)	Pipe Finish	C-Factor	Loss (PSI)
739.9	6.42	Galvanized	150	1.3
18.1	3.79	Galvanized	150	0.3
			Total =	1.6

End Gun(s) & Booster Pump Information

Primary End Gun

Nelson SR100 End Gun

0.55 Nozzle

Berkeley 2 HP Booster Pump

Span Flow

Span Number	Irrigated Length (ft)	Area (Ac)	Rqd (GPM)	Act (GPM)	Rqd (GPM per Acre)	Act (GPM per Acre)	% Deviation
1	151.1	2.3	12.9	13.4	5.54	5.75	3.8
2	180.1	7.1	39.1	39.1	5.54	5.54	-0.1
3	180.1	11.7	65.1	65.1	5.54	5.55	0.1
4	179.8	16.4	90.8	90.7	5.54	5.53	-0.1
O/H	36.2	3.9	22.0	22.3	5.70	5.77	1.3
EG	87.1	10.1	58.6	64.2	5.83	6.38	9.5
Totals		51.5		294.8			
	Drain Sprinkler		5.6	5.9			
	Total Machine Flow			300.7			

Advanced Options

```
Drain Sprinkler = Senninger Directional
Last Sprinkler Coverage = 1 ft
Sprinkler Coverage Length = 759 ft
Use Last Coupler= YES
Minimum Mainline Pressure = 6 PSI
```

Shipping Options

```
Ship Drop Hardware
Ship Endgun Nozzle
Ship Endgun & Hardware
Do not ship Endgun Valve / Nozzle Valve Hardware
Do not ship Boosterpump Hardware
```

Dealer WWC ENTERPRISES, INC.
Customer Ricky Mims
Field Name

VALLEY | V-CHART

Sprinkler Order No 15054630

Parent Order No 15054628

Valley Standard Pivot 7000 Percent Timer Data

Setup Information - Valley Computer Control Panel Water Application Constants: Minimum Application = 0.051 (in) Hours/360° = 4

Based on IN

IN Per 360 degrees	Pivot % Timer	Hours Per 360 degrees
0.051	100.0	4.0
0.10	51.5	7.8
0.20	25.7	15.6
0.30	17.2	23.3
0.40	12.9	31.0
0.50	10.3	38.8
0.60	8.6	46.5
0.70	7.4	54.1
0.80	6.4	62.5
0.90	5.7	70.2
1.00	5.1	78.4

Based on % Timer

Pivot % Timer	IN Per 360 degrees	Hours Per 360 degrees
100.0	0.051	4.0
90.0	0.06	4.4
80.0	0.06	5.0
70.0	0.07	5.7
60.0	0.09	6.7
50.0	0.10	8.0
45.0	0.11	8.9
40.0	0.13	10.0
35.0	0.15	11.4
30.0	0.17	13.3
25.0	0.21	16.0
20.0	0.26	20.0
17.5	0.29	22.9
15.0	0.34	26.7
12.5	0.41	32.0
10.0	0.51	40.0
7.5	0.69	53.3
5.0	1.03	80.0

Field Area

51.5 (Ac) Total
41.4 (Ac)Pivot 360°
10.1 (Ac) EG on 100%
758.0 (ft)Machine Length
87.1 (ft)End Gun Radius

Flow

300 (GPM)
5.82 (GPM per Acre)
0.31 (in per day) App Rate
0.051 (in) App Depth @ 100%
64.2 (GPM) End Gun

Pressure

25 (PSI) Pivot Pressure
Inlet Pressure
13 (ft) Highest Elevation
17 (ft) Lowest Elevation

LRDU Drive Train

68 RPM Center Drive @ 60 Hz freq.
11.2 x 38 Tire
52:1 Wheel GB Ratio, LRDU Dist 721.8 (ft)
4.0 Hrs/360° @ 100% (18.90)(Ft per Min)
4 Hrs/360° @ 100%

Disclaimer

The information presented in the attached Percent Timer Report is based on variables which cannot be totally controlled by Valmont (including, but not limited to; pivot pressure, inside pipeline surface, end gun throw, end gun arc setting, tire slippage, tire pressure, field slopes, soil variations, sprinkler package installation, well capacity, center drive motor voltage, center drive motor frequency, climatic conditions and other elements and circumstances beyond Valmont's reasonable control). Valmont recommends monitoring the machine for at least one pass through field to obtain an accurate rotation time.