

Center for Irrigation Technology

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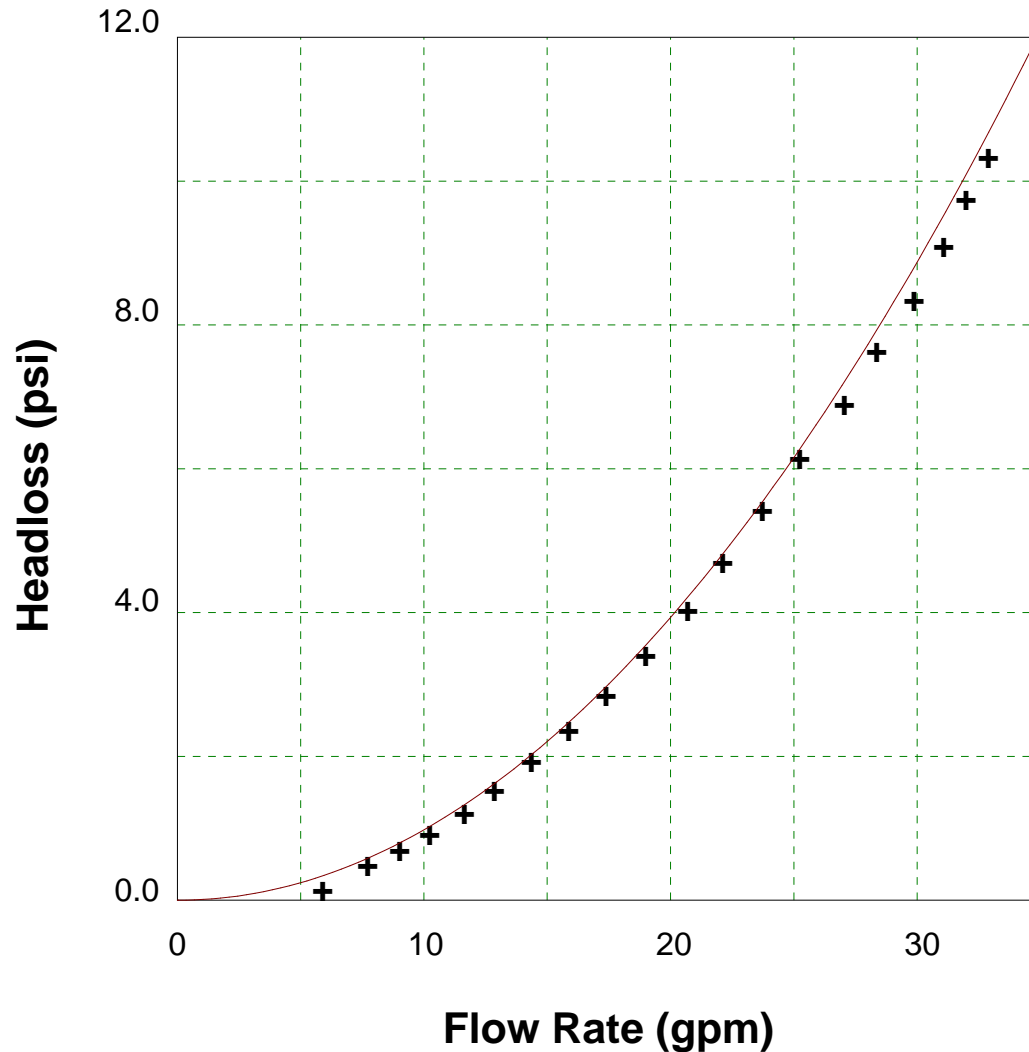
Headloss Evaluation

Device Description : Ecoflow 3/4" EFR-0075
Date of Test Run : 01/29/09
Pressure During Test : 50

Measured Data Points

Flow Rate (gpm)	Headloss (psi)
5.90	0.280
7.70	0.630
9.00	0.830
10.20	1.060
11.60	1.350
12.80	1.670
14.30	2.060
15.80	2.500
17.30	2.980
18.90	3.530
20.60	4.150
22.00	4.810
23.60	5.530
25.10	6.250
26.90	6.990
28.20	7.720
29.70	8.430
30.90	9.170
31.80	9.820
32.70	10.400

Ecoflow 3/4" EFR-0075



Flow Rate (gpm)	*Headloss (psi)
5.90	0.340
7.70	0.579
9.00	0.792
10.20	1.019
11.60	1.319
12.80	1.607
14.30	2.007
15.80	2.451
17.30	2.941
18.90	3.512
20.60	4.174
22.00	4.763
23.60	5.484
25.10	6.205
26.90	7.131
28.20	7.839
29.70	8.698
30.90	9.418
31.80	9.976
32.70	10.551

*Calculated values based on fitted function

CV = 10.1

R² = 0.997

HL = 0.00963967 Q^{2.00669}

Actual data points: +
Test psi: 50

Date: 01/29/09

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