

# Center for Irrigation Technology

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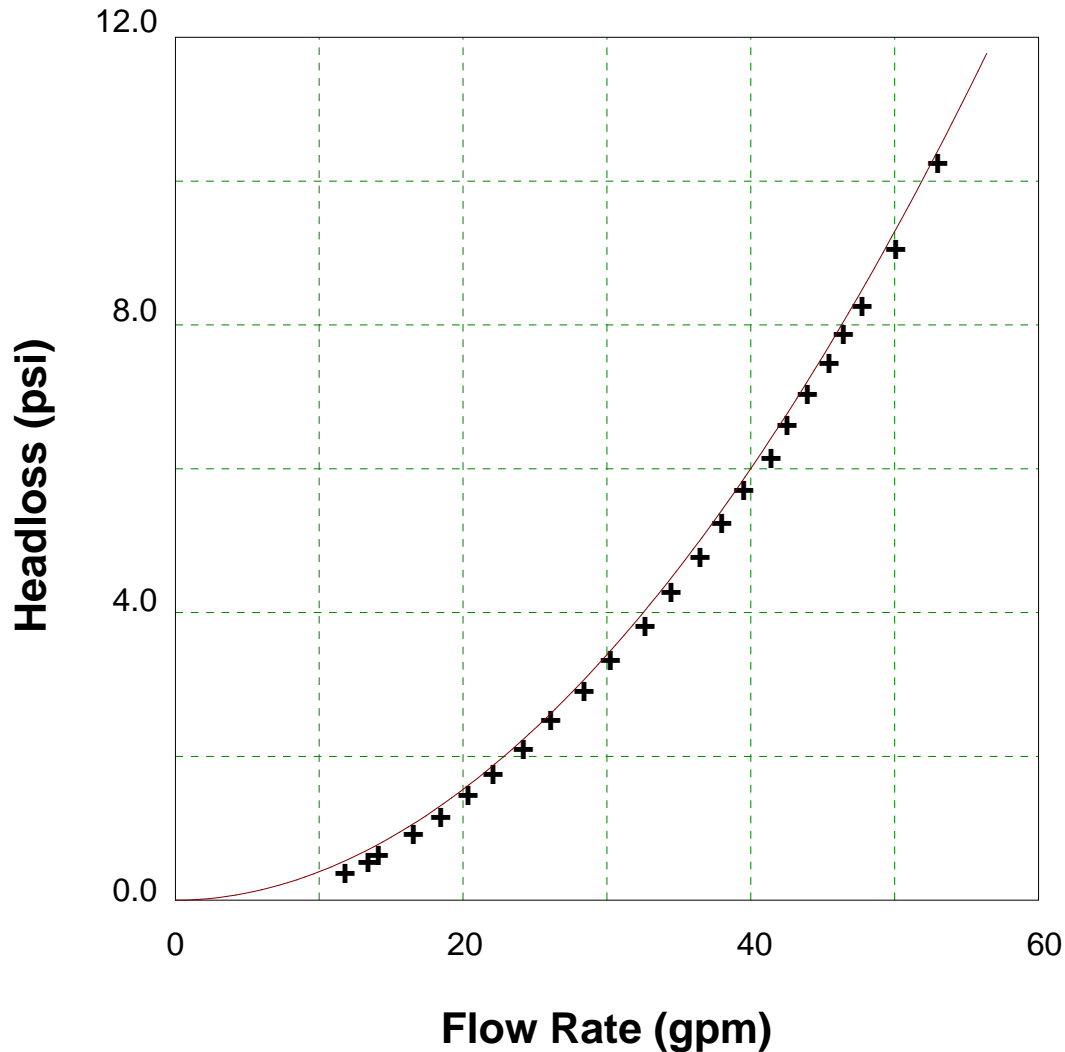
## Headloss Evaluation

**Device Description** : Ecoflow 1" EFR-0100  
**Date of Test Run** : 01/29/09  
**Pressure During Test** : 50

### Measured Data Points

Flow Rate (gpm)	Headloss (psi)
11.80	0.530
13.40	0.690
14.10	0.780
16.50	1.070
18.40	1.310
20.30	1.610
22.00	1.900
24.10	2.250
26.00	2.650
28.30	3.040
30.10	3.470
32.50	3.940
34.30	4.420
36.30	4.900
37.80	5.370
39.30	5.820
41.20	6.260
42.30	6.720
43.70	7.150
45.20	7.570
46.20	7.980
47.50	8.360
49.80	9.150
52.70	10.340

# Ecoflow 1" EFR-0100



**Flow Rate (gpm)**

**\*Headloss (psi)**

11.80	0.547
13.40	0.702
14.10	0.776
16.50	1.057
18.40	1.308
20.30	1.587
22.00	1.858
24.10	2.222
26.00	2.578
28.30	3.044
30.10	3.436
32.50	3.994
34.30	4.439
36.30	4.961
37.80	5.371
39.30	5.798
41.20	6.360
42.30	6.697
43.70	7.139
45.20	7.628
46.20	7.962

\*Calculated values based on fitted function

CV = 16.2

R<sup>2</sup> = 1.000

HL = 0.00432307 Q<sup>1.96153</sup>

Actual data points: +  
Test psi: 50

Date: 01/29/09

Center for Irrigation Technology, CSUF