

Center for Irrigation Technology

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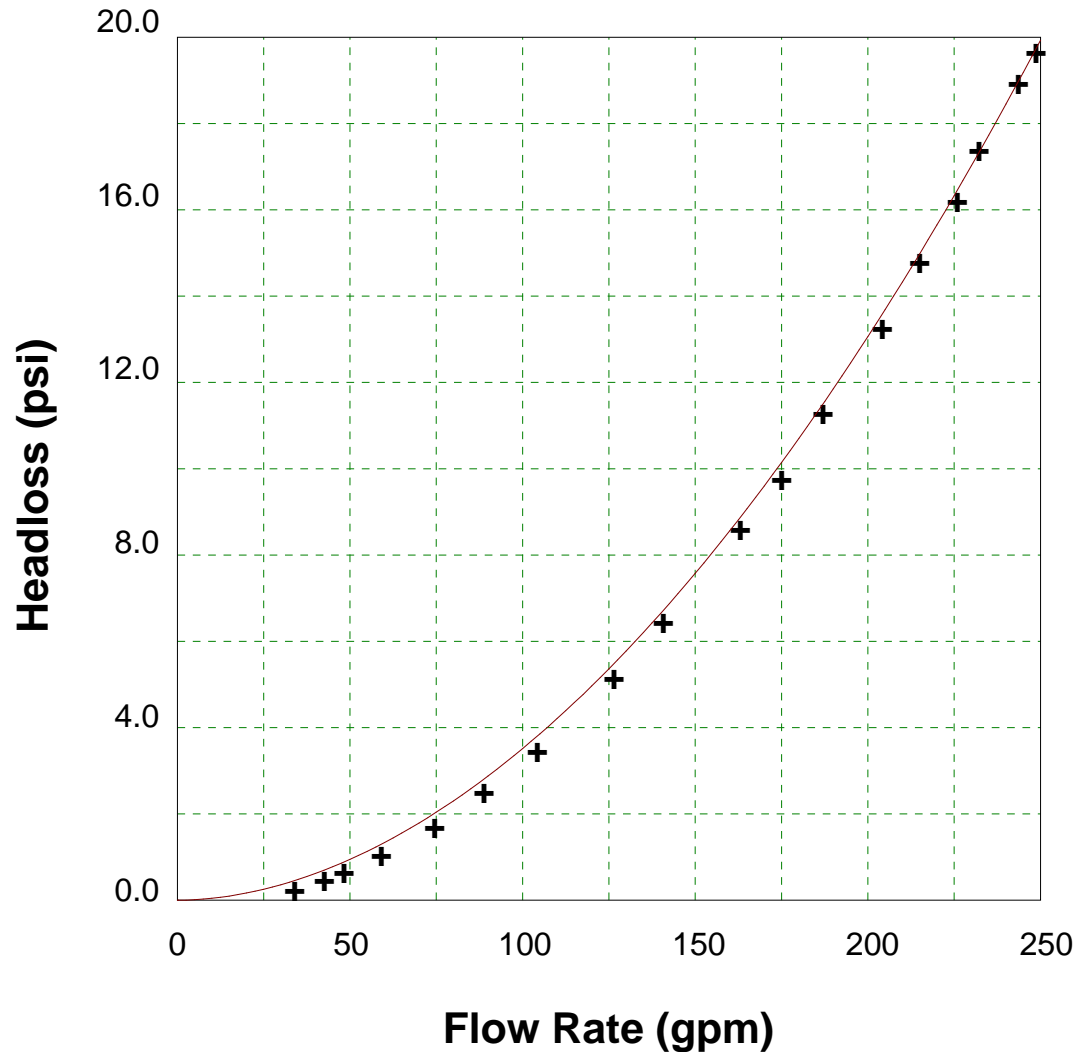
Headloss Evaluation

Device Description : Ecoflow 2" Low Flow EFA-0200LF
Date of Test Run : 06/17/10
Pressure During Test : 50

Measured Data Points

Flow Rate (gpm)	Headloss (psi)
34.0	0.48
42.5	0.70
48.2	0.89
59.0	1.27
74.3	1.93
88.5	2.73
103.8	3.67
125.9	5.36
140.1	6.65
162.2	8.78
174.1	9.92
186.0	11.45
203.0	13.41
213.8	14.93
224.5	16.32
230.8	17.51
242.1	19.05
247.2	19.76

Ecoflow 2" Low Flow EFA-0200LF



Flow Rate (gpm) *Headloss (psi)

34	0.5
43	0.7
48	0.9
59	1.3
74	2.0
88	2.8
104	3.8
126	5.4
140	6.7
162	8.8
174	10.0
186	11.4
203	13.4
214	14.8
225	16.3
231	17.1
242	18.8
247	19.5

*Calculated values based on fitted function

CV = 53.93

R² = 1.000

HL = 0.00057324 Q^{1.89382}

Actual data points: +
Test PSI: 50.0

Date: 06/17/10

Center for Irrigation Technology, CSUF