

# Center for Irrigation Technology

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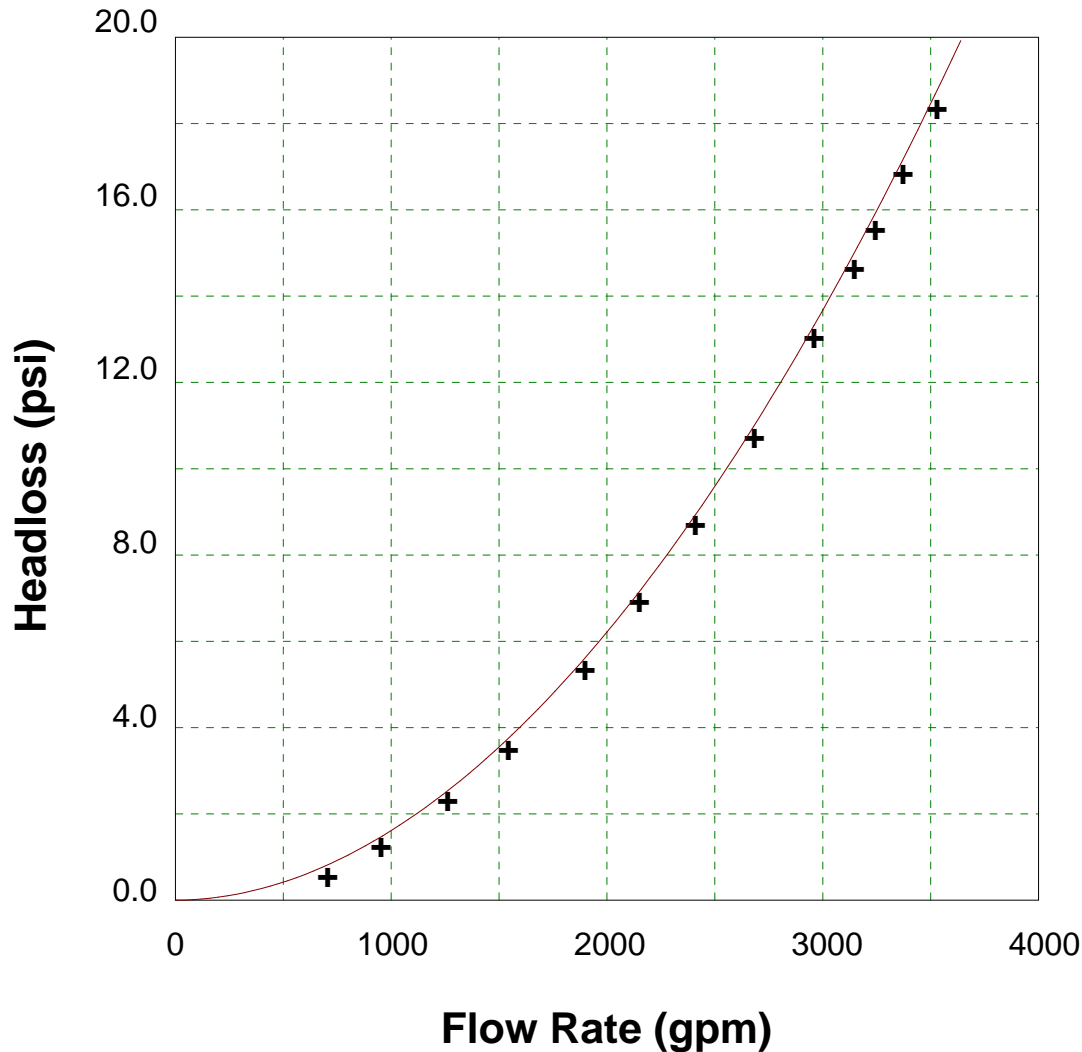
## Headloss Evaluation

Device Description : Ecoflow 8" EFA-0800  
Date of Test Run : 06/25/09  
Pressure During Test : 50

### Measured Data Points

Flow Rate (gpm)	Headloss (psi)
706.5	0.81
952.7	1.48
1,258.0	2.54
1,538.0	3.72
1,890.0	5.56
2,140.0	7.13
2,399.0	8.90
2,670.0	10.90
2,944.0	13.21
3,129.0	14.79
3,225.0	15.69
3,353.0	16.97
3,510.0	18.48

# Ecoflow 8" EFA-0800



## Flow Rate (gpm) \*Headloss (psi)

707	0.8
953	1.5
1,258	2.5
1,538	3.7
1,890	5.6
2,140	7.1
2,399	8.9
2,670	10.9
2,944	13.2
3,129	14.8
3,225	15.7
3,353	17.0
3,510	18.6

\*Calculated values based on fitted function

CV = 803.0

R<sup>2</sup> = 1.000

HL = 0.00000235 Q<sup>1.94572</sup>

Actual data points: +  
Test PSI: 50.0

Date: 06/25/09

Center for Irrigation Technology, CSUF