

Center for Irrigation Technology

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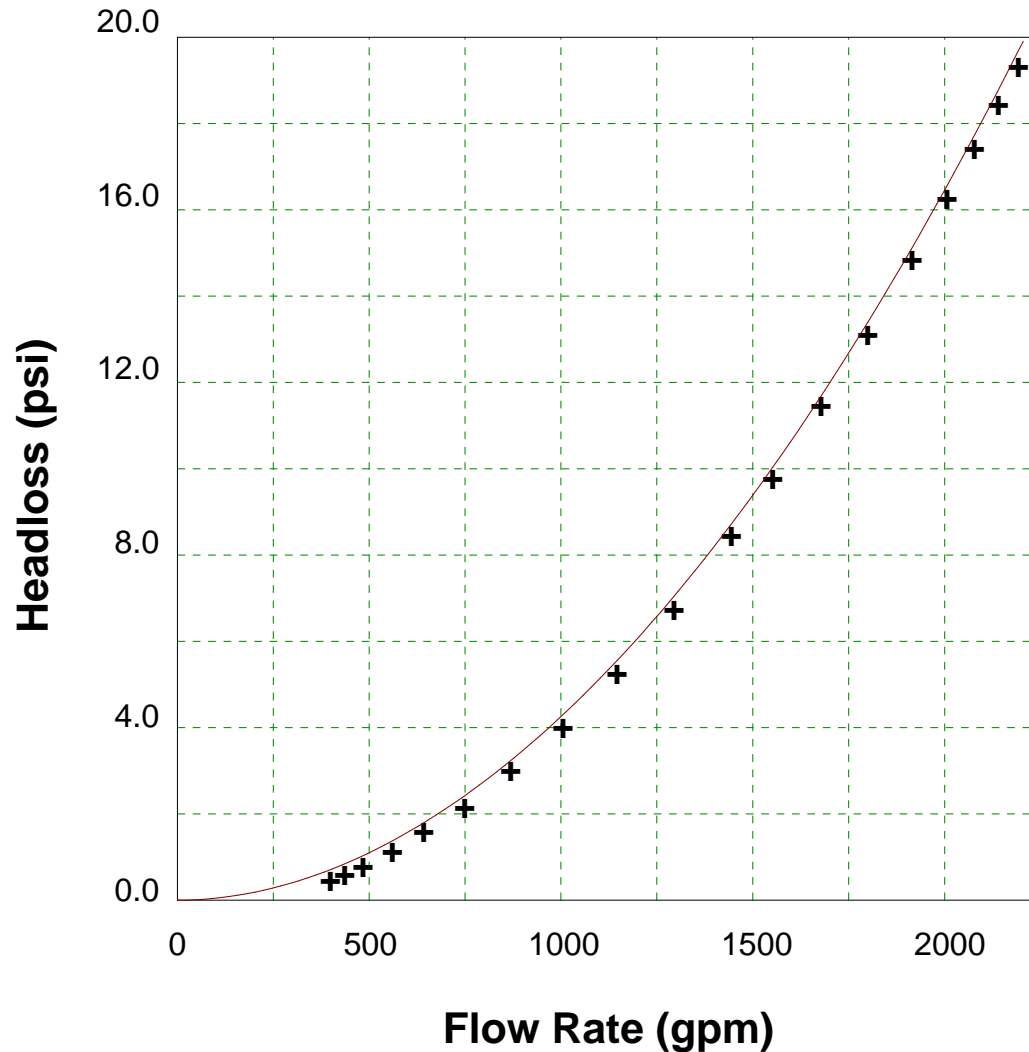
Headloss Evaluation

Device Description : Ecoflow 6" EFA-0600
Date of Test Run : 05/07/09
Pressure During Test : 50

Measured Data Points

Flow Rate (gpm)	Headloss (psi)
398.9	0.71
436.4	0.84
483.3	1.03
559.3	1.37
640.5	1.82
746.4	2.38
865.9	3.23
1,001.0	4.22
1,141.0	5.46
1,288.0	6.93
1,437.0	8.65
1,544.0	9.96
1,669.0	11.63
1,789.0	13.27
1,905.0	14.99
1,995.0	16.41
2,066.0	17.54
2,128.0	18.56
2,180.0	19.44

Ecoflow 6" EFA-0600



Flow Rate (gpm) *Headloss (psi)

399	0.7
436	0.8
483	1.0
559	1.4
641	1.8
746	2.4
866	3.2
1,001	4.3
1,141	5.5
1,288	7.0
1,437	8.6
1,544	9.9
1,669	11.6
1,789	13.2
1,905	15.0
1,995	16.4
2,066	17.5
2,128	18.6
2,180	19.5

*Calculated values based on fitted function

CV = 486.0

R² = 1.000

HL = 0.00000597 Q^{1.95106}

Actual data points: +
Test PSI: 50.0

Date: 05/11/09

Center for Irrigation Technology, CSUF