

Center for Irrigation Technology

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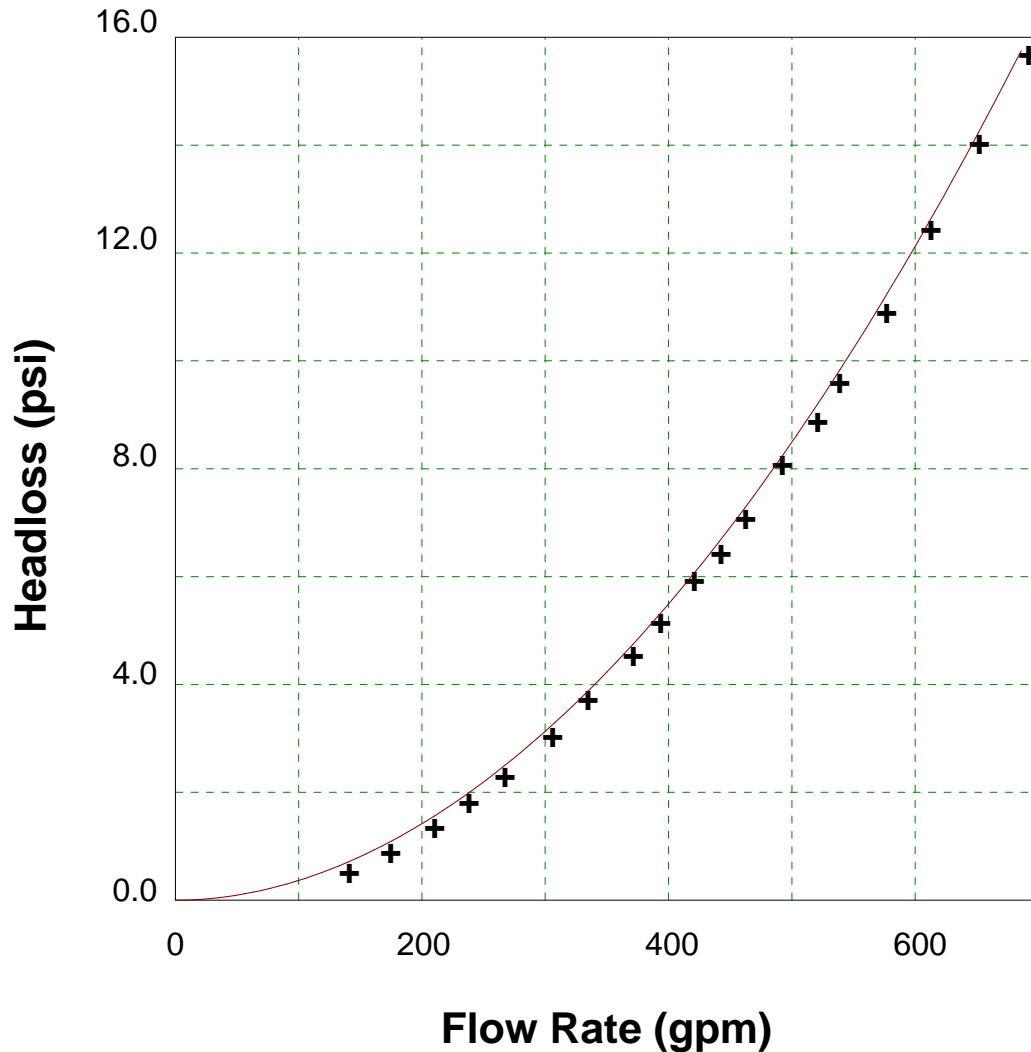
Headloss Evaluation

Device Description : Ecoflow 3" EFA-0300
Date of Test Run : 08/11/09
Pressure During Test : 50

Measured Data Points

Flow Rate (gpm)	Headloss (psi)
141.2	0.72
174.6	1.08
209.8	1.55
237.6	2.00
266.5	2.48
305.0	3.22
333.4	3.90
369.7	4.70
391.8	5.32
419.0	6.09
440.6	6.58
460.4	7.23
489.9	8.22
518.2	9.02
535.8	9.73
573.8	11.03
609.5	12.54
648.6	14.14
688.3	15.77

EcoFlow 3" EFA-0300



Flow Rate (gpm) *Headloss (psi)

141	0.7
175	1.1
210	1.6
238	2.0
267	2.5
305	3.2
333	3.8
370	4.7
392	5.3
419	6.0
441	6.6
460	7.2
490	8.2
518	9.1
536	9.7
574	11.1
610	12.5
649	14.1
688	15.9

*Calculated values based on fitted function

CV = 170.4

R² = 1.000

HL = 0.00004557 Q^{1.95277}

Actual data points: +
Test PSI: 50.0

Date: 08/11/09

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