

# Vaughn Coil Curves

To determine max flow: overlay pump curve from mfr. The point at which the curves cross is the maximum possible flow. Every elbow, joint, and foot of pipe added to the system will reduce the actual flow rate.

Calculate pump size:-  
 $(GPM1 / GPM2)^2 * H1 = H2$   
 GPM1=GPM that we want.  
 GPM2=GPM that we have.  
 H1 = head in feet that we have.  
 H2 = head in feet that we need.

