Friction Loss for the 6" Viking Model J-1 Alarm Check Valve is equivalent to 20 feet of 6" Schedule 40 (id = 6.065") Pipe (C = 120).

To calculate friction loss for the 6" (id = 6.065") Viking Model J-1 Alarm Check Valve at a specific flow, use the following formula:

\[ P = \left( \frac{4.52 \times Q^{1.85}}{C^{1.85} \times 6.065^{4.87}} \right) \times 20 \]

Where
- \( P \) = Friction Loss (PSI)
- \( Q \) = Flow in GPM
- \( C \) = Constant (=120)