Friction Loss for the 4" Viking Model F Series Dry Valves is equivalent to 5 feet of 4" Schedule 40 (id = 4.026") Pipe (C = 120).

To calculate friction loss for the 4" (id = 4.026") Viking Model F Series Dry Valves at a specific flow, use the following formula:

\[
P = \left( \frac{4.52 \times Q^{1.85}}{C^{1.85} \times 4.026^{4.87}} \right) \times 5
\]

Where
- \( P \) = Friction Loss (PSI)
- \( Q \) = Flow in GPM
- \( C \) = Constant (=120)
New friction loss chart, issued May 18, 2009.