

FLOW VELOCITY CALCULATOR

Enter your pipe size in Inches (yellow), and your loop flow rate (blue) in Gallons per Minute

Pipe Size Inches	Flow Rate in GPM	Pipe Area in SF	Flow Rate in CF/Sec	Flow Velocity feet / sec	Meets Standard?
0.75	5	0.00307	0.01114	3.625	Yes

(Based on an
Indirect Feed
system)

The Formula is $V = Q/A$

Where: V = flow velocity in feet/sec
 Q = flow rate in feet³/sec
 A = cross sectional area of distribution pipe in feet²

The AAMI Recommended Flow Velocity is 3.0 feet per second for indirect feed systems, 1.5 feet per second for direct feed system.

Created by:



NORTHWEST RENAL NETWORK
 — Serving Network Area #16 —

For more information, please see www.nwrenalnetwork.org/watermanual.pdf

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