

Flow Rates in Pipes

PIPE DIAMETER		NOMINAL TO PEAK FLOW
½"	=	5 - 10 GPM
¾"	=	10 - 15 GPM
1"	=	16 - 30 GPM
1 ¼"	=	30 - 35 GPM
1 ½"	=	40 - 70 GPM
2"	=	65 - 120 GPM
2 ½"	=	80 - 170 GPM
3"	=	120 - 270 GPM
4"	=	250 - 500 GPM
6"	=	500 - 1100 GPM
8"	=	1000 - 2000 GPM
10"	=	1500 - 3000 GPM

Quick Check – Flow Rate

Normal Flow Rate of a Pipe = $D^2 \times 20$
 (Diameter Squared x 20)

