

Building Fixture Units – Table 7.6.3.2.A. Ontario Building Code

Fixture Type	Hydraulic Load	Quantity	Hydraulic Load
Bathroom Group with 6 litres per flush (LPF) flush tank	3.6		
Bathroom Group with greater than 6 LPF flush tank	6.0		
Water Closet (Toilet) 6 LPF	2.2		
Water Closet greater than 6 LPF flush tank	3.0		
Lavatory (Bathroom Sink)	0.7		
Bathtub with or without Shower	1.4		
Shower (per head)	1.4		
Kitchen Sink	1.4		
Dish Washer	1.4		
Clothes Washer (res)	1.4		
Clothes Washer (com)	4.0		
Laundry Tub	1.4		
Hose Bibb (Outdoor Taps)	2.5		
Hydraulic Load Total			

Water Service Size

Water Service Size – Copper or PEX (<i>see chart below</i>)	
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Water Service Pipe Sizing Chart

Water Service Size	Maximum Hydraulic Loads		
	¾"	1"	1 ½"
Copper or PEX	16	31	57

Notes:

If Hydraulic Loads exceed 57 fixture units, a Mechanical Engineer is required to provide a design.

If a fixture type is not listed (i.e., Bidet, Urinal, etc.) please refer to Part 7, Table 7.6.3.2.A of the Ontario Building Code or contact the Building Department for assistance (phone 705-726-4242 or email Service.Barrie@barrie.ca).