

FIXTURE SIZING CHART

FIXTURE	MINIMUM TUBE SIZING	SUPPLY CONTROL	OCCUPANCY	WATER SUPPLY FIXTURE UNITS (WSFU)		
				COLD	HOT	TOTAL
Bathtub with 1/2" fill	1/2"	Faucet	Private	1	1	1.4
Bathtub with 1/2" fill	1/2"	Faucet	Public	3	3	4
Bathtub with 3/4" fill	3/4"	Faucet	Private	2	2	3
Bathtub with 3/4" fill	3/4"	Faucet	Public	5	5	10
Bidet	1/2"	Faucet	Private	1.5	1.5	2
Diswashing Machine	1/2"	Automatic	Private		1.4	1.4
Drinking Fountain	3/8"	Valve	Public	0.25		0.25
Kitchen Sink	1/2"	Faucet	Private	1	1	1.4
Kitchen Sink	3/4"	Faucet	Public	3	3	4
Laundry Tray	1/2"	Faucet	Private	1	1	1.4
Lavatory	1/2"	Faucet	Public	1.5	1.5	2
Lavatory	3/8"	Faucet	Private	0.5	0.5	0.7
Service Sink	1/2"	Faucet	Public	2.25	2.25	3
Shower Head	1/2"	Mixing Valve	Private	1	1	1.4
Shower Head	3/4"	Mixing Valve	Public	3	3	4
Urinal with 1" Flush	1"	Valve	Public	10		10
Urinal with 3/4" Flush	3/4"	Valve	Public	5		5
Urinal	1/2"	Flush Tank	Public	3		3
Wash Machine 8 lb	1/2"	Automatic	Private	1	1	1.4
Wash Machine 8 lb	1/2"	Automatic	Public	2.25	2.25	3
Wash Machine 15 lb	3/4"	Automatic	Public	3	3	4
Water Closet	1/2"	Flush Valve	Private	6		6
Water Closet	1/2"	Flush Tank	Private	2.2		2.2
Water Closet	3/4"	Flush Valve	Public	10		10
Water Closet	1/2"	Flush Tank	Public	5		5

Use the chart above to determine size of distribution pipe. Chart above has been compiled from multiple sources, therefore all WSFU may not match local building codes, verify with local codes/official in your area to gather exact chart.