

Load Values

FIXTURE	OCCUPANCY	SUPPLY CONTROL	COLD	HOT	TOTAL	FIXTURE COUNT					
						Level 1	3-comp				
Bathroom Group	Private	Flush Tank	2.70	1.50	3.60	0					
Bathroom Group	Private	Flush Valve	6.00	3.00	8.00	0					
Bathtub	Private	Faucet	1.00	1.00	1.40	0					
Bathtub	Public	Faucet	3.00	3.00	4.00	0					
Bidet	Private	Faucet	1.50	1.50	2.00	0					
Combination Fixture	Private	Faucet	2.25	2.25	3.00	0					
Dishwashing Machine	Private	Automatic		1.40	1.40	0					
Drinking Fountain	Offices	3/8" Valve	0.25		0.25	0					
Kitchen Sink	Private	Faucet	1.00	1.00	1.40	0					
Kitchen Sink	Hotel, restaraunt	Faucet	3.00	3.00	4.00	1	3-comp				
LaundryTrays 1-3	Private	Faucet	1.00	1.00	1.40	0					
Lavatory	Private	Faucet	0.50	0.50	0.70	0					
Lavatory	Public	Faucet	1.50	1.50	2.00	2					
Service Sink	Offices, ect.	Faucet	2.25	2.25	3.00	0					
Hose Bib (2009IPC, pg.40)	Private	Faucet	5.00		5.00	0					
Hose Bib (2009IPC, pg.40) ea additional	Private	Faucet	2.50		2.50	0					
Shower Head	Public	Mixing Valve	3.00	3.00	4.00	0					
Shower Head	Private	Mixing Valve	1.00	1.00	1.40	0					
Urinal	Public	1" Flush Valve	10.00		10.00	0					
Urinal	Public	3/4" Flush Valve	5.00		5.00	0					
Urinal	Public	Flush Tank	3.00		3.00	0					
Washing Machine (8lb)	Private	Automatic	1.00	1.00	1.40	0					
Washing Machine (8lb)	Public	Automatic	2.25	2.25	3.00	0					
Washing Machine (15lb)	Public	Automatic	3.00	3.00	4.00	0					
Water Closet	Private	Flush Valve	6.00		6.00	0					
Water Closet	Private	Flush Tank	2.20		2.20	0					
Water Closet	Public	Flush Valve	10.00		10.00	0					
Water Closet	Public	Flush Tank	5.00		5.00	2					
Water Closet	Public or Private	Flushmeter Tank	2.00		2.00	0					
Hand Sink	Hotel, restaraunt	Faucet	1.50	1.50	2.00	3					
Sink	Hotel, restaraunt	Faucet	1.50	1.50	2.00	0					
Under Bar Sink	Hotel, restaraunt	Faucet	1.50	1.50	2.00	0					
Glass Rinser	Hotel, restaraunt	Faucet	0.50		0.50	0					
Ice Maker	Hotel, restaraunt	3/8" Valve	0.50		0.50	2					
Bib Carbonator	Hotel, restaraunt	3/8" Valve	0.50		0.50	0					
Ice Tea Brewer	Hotel, restaraunt	3/8" Valve	0.50		0.50	0					
Coffee Maker	Hotel, restaraunt	3/8" Valve	0.50		0.50	12					
Glass Filler	Hotel, restaraunt	3/8" Valve	0.50		0.50	0					
Dishwashing Machine	Hotel, restaraunt	Automatic		2.00	2.00	0					
Mop Basin Sanitizer	Hotel, restaraunt	Manual	0.50		0.50	0					
Glass Washer	Hotel, restaraunt	3/8" Valve	0.50		0.50	0					
Add-On Unit	Hotel, restaraunt	Faucet	0.50		0.50	0					
<b>TOTAL</b>						31.00	0.00	0.00	0.00	0.00	0.00

MINIMUM SIZE OF WATER SERVICE LINES AND DISTRIBUTION PIPING

METER AND SERVICE PIPE - inches	DISTRIBUTION PIPE - inches	MAXIMUM DEVELOPMENT LENGTH - feet												
		40	60	80	100	150	200	250	300	400	500			
PRESSURE RANGE 50 TO 60														
3/4	3/4	9.5	9.5	9.5	9.5	7.5	6	5	4.5	3.5	3			
3/4	1	32	32	32	32	32	24	19.5	15.5	11.5	9.5			
1	1	32	32	32	32	32	28	28	17	12	9.5			
3/4	1 1/4	32	32	32	32	32	32	32	32	32	30			
1	1 1/4	80	80	80	80	80	80	69	60	46	36			
1 1/2	1 1/4	80	80	80	80	80	80	76	65	50	38			
1	1 1/2	87	87	87	87	87	87	87	87	87	84			
1 1/2	1 1/2	151	151	151	151	151	151	151	144	114	94			
2	1 1/2	151	151	151	151	151	151	151	151	151	118			
1	2	87	87	87	87	87	87	87	87	87	87			
1 1/2	2	275	275	275	275	275	275	275	275	275	252			
2	2	365	368	368	368	368	368	368	368	368	318			
2	2 1/2	533	533	533	533	533	533	533	533	533	533			
3	3	1100	1100	1100	1100	1100	1100	1100	1100	1100	988			

<u>TAP SIZE</u>	<u>DISTRIBUTION SIZE</u>	<u>MAXIMUM LENGTH</u>	<u>MAXIMUM FIXTURES ALLOWED</u>	<u>BUILDING FIXTURES</u>	<u>REMAINING FIXTURES</u>
1	1	150	32.00	31.00	1.00