

Rev. 4-99 Shaded area indicates changes

Table 5 - Suggested allowances for decrease in capacity of ferrous

Estimated load (gpm)	Recommended allowances to be applied to estimated load or to capacity of new ferrous pipe to provide for aging							
	Noncaking		Slightly caking		Caking, moderately bad		Caking, very bad	
	To capacity	To load	To capacity	To load	To capacity	To load	To capacity	To load
	%	%	%	%	%	%	%	%
0.0 to 2.5	- 20	+ 25	- 40	+ 60	- 60	+ 150	- 80	+ 400
2.6 to 5.0	- 20	+ 25	- 35	+ 50	- 55	+ 130	- 75	+ 300
5.1 to 10	- 20	+ 25	- 30	+ 45	- 55	+ 110	- 65	+ 200
11 to 8	- 20	+ 25	- 30	+ 45	- 50	+ 100	- 65	+ 200
19 to 37	- 20	+ 25	- 30	+ 40	- 45	+ 80	- 60	+ 150
38 to 56	- 20	+ 25	- 30	+ 40	- 40	+ 65	- 60	+ 150
57 to 100	- 20	+ 25	- 25	+ 35	- 35	+ 50	- 55	+ 125
111 to 175	- 20	+ 25	- 25	+ 35	- 35	+ 50	- 55	+ 125
176 to 310	- 20	+ 25	- 25	+ 35	- 30	+ 45	- 50	+ 100
311 to 635	- 20	+ 25	- 25	+ 35	- 30	+ 45	- 50	+ 100

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Table 6 - Demand weights of fixtures in fixture units 1

Fixture of group ²	Occupancy	Type of supply control	Weight in fixture units ³
Water closet	Public	Flush valve	10
		Flush tank	5
Pedestalurinal	Public	Flush valve	10
Stall or wall urinal	Public	Flush valve	5
		Flush tank	3
Lavatory	Public	Faucet	2
Bathtub	Public	Faucet	4
Shower head	Public	Mixing valve	4
Service sink	Office, etc.	Faucet	3
Kitchen sink	Hotel or restaurant	Faucet	4
Water closet	Private	Flush valve	6
	Private	Flush tank	3
Lavatory	Private	Faucet	1
Bathtub	Private	Faucet	2
Shower head	Private	Mixing valve	2
Bathroom group	Private	Flush valve for closet	8
	Private	Flush tank for closet	6
Separateshower	Private	Mixing valve	2
Kitchen sink	Private	Faucet	2
Laundry trays (1-3)	Private	Faucet	3
Combinationfixture	Private	Faucet	3

¹ For supply outlets likely to impose continuous demands, estimate continuous supply separately and add to total demand for fixtures.

² For Fixtures not listed, weights may be assumed by comparing the fixture to a listed one using water in similar quantities and at similar rates.

³ The given weights are for total demand. For fixtures with both hot-and cold-water supplies, the weights for maximum separate demands may be taken as 3/4 the listed demand for the supply.

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