**Section 890.APPENDIX A Plumbing Materials, Equipment, Use Restrictions and Applicable Standards**

**Section 890.TABLE M Load Values Assigned to Fixtures**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Fixture | Occupancy | Type of  Supply Control | Load Values in Water (Supply Fixture Units) | | |
| Cold | Hot | Total |
| Water Closet | Public/Private | Flush Valve | 10 | – | 10 |
| Water Closet | Public/Private | Flush Tank | 3 | – | 3 |
| Urinal | Public | 1" Flush Valve | 10 | – | 10 |
| Urinal | Public | ¾" Flush Valve | 5 | – | 5 |
| Urinal | Public | Flush Tank | 3 | – | 3 |
| Lavatory | Public | Faucet | 1 | 1 | 2 |
| Bathtub | Public | Faucet | 3 | 3 | 4 |
| Shower Head | Public | Mixing Valve | 2 | 2 | 3 |
| Service Sink | Offices, etc. | Faucet | 2 | 2 | 3 |
| Kitchen Sink | Hotel/Restaur. | Faucet | 3 | 3 | 4 |
| Drinking Fountain | Office, etc. | 3/8" Valve | 0.25 | – | 0.25 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Lavatory | Private | Faucet | 0.75 | 0.75 | 1 |
| Bathtub | Private | Faucet | 1.5 | 1.5 | 2 |
| Shower Stall | Private | Mixing Valve | 1 | 1 | 2 |
| Kitchen Sink | Private | Faucet | 1.5 | 1.5 | 2 |
| Laundry Trays (1 to 3) | Private | Faucet | 2 | 2 | 3 |
|  |  |  |  |  |  |
| Dishwashing Machine | Private | Automatic |  | -1 | 1 |
| Laundry Machine (8 lb) | Private | Automatic | 1.5 | 1.5 | 2 |
|  |  |  |  |  |  |
| Laundry Machine (16 lb) | Public/ General | Automatic | 3 | 3 | 4 |

Agency Notes: For fixtures not listed, loads shall be assumed by comparing the fixtures to one listed using water in similar quantities and at similar rates. The assigned loads for fixtures with both cold and hot water supplies are given for separate cold and hot water loads and for total load.

Where a unit of local government or the community public water supply does not require separate water service lines for irrigation or similar systems that are likely to impose continuous demands (e.g., lawn sprinkler or air conditioning systems), the following rule applies: estimate the continuous demand (in gallons per minute) for outlets/systems separately from the intermittent demand from the fixtures listed in this table, and add this amount to the demand of the fixtures (in gallons per minute).

Fire sprinkler systems are exempt from this table.

(Source: Amended at 38 Ill. Reg. 9940, effective April 24, 2014)