

# Average Water Consumption for Public Buildings

## PUBLIC BUILDINGS

Pump Capacity Required in Litres per Minute per Fixture for Public Buildings							
Type of Building	Total Number of Fixtures						
	25 or less	26-50	51-100	101-200	201-400	401-600	Over 600
Hospitals	3.78	3.78	3.03	2.27	1.89	1.70	4.19
Mercantile Buildings	4.92	3.78	3.03	2.69	2.27	2.04	1.82
Office Buildings	4.54	3.41	2.73	2.46	1.89	1.51	1.32
Schools	4.54	3.22	2.46	2.27	2.08	1.70	
Hotels, Motels	3.02	2.27	2.08	1.70	1.51	1.32	1.25
Apartment Buildings	2.27	1.89	1.40	1.14	1.06	0.95	0.91

### Notes:

1. For less than 25 fixtures, pump capacity should not be less than 75% of capacity required for 25 fixtures
2. Where additional water is required for some special process, this should be added to pump capacity.
3. Where laundries or swimming pools are to be supplied, add approximately 10% to pump capacity for either.
4. Where the majority of occupants are women, add approximately 20% to the pump capacity.

Member of AxFlow Group

