

**TABLE 14.6 Hot-Water Demand per Fixture for Various Building Types\***  
 [Based on average conditions for the building type, gal/h of water per fixture at 140°F (60°C)]

	Apartment buildings	Gymnasiums	Hospitals	Hotels	Industrial plants	Office buildings	Dwellings	Schools
Lavatory, private	2	2	2	2	2	2	2	2
Lavatory, public	4	8	6	8	12	6		15
Bathtubs	20	30	20	20			20	
Dishwashers†	15		50	50	20		15	20
			190	190	76			76
Foot basins	3	12	3	3	12		3	3
Kitchen sink	10		20	30	20	20	10	20
Laundry, stationary tubs	20		28	28			20	
Pantry sink	5		10	10		10	5	10
Showers	30	225	75	75	225	30	30	225
Service sink	20		20	30	20	20	15	20
Hydrotherapeutic showers			400					
Hubbard baths			600					
Leg baths			100					
Arm baths			35					
Sitz baths			30					
Continuous-flow baths			165					
Circular wash sinks			20	20	30	20		30
Semicircular wash sinks			10	10	15	10		15
Factors								
Demand factor	0.30	0.40	0.25	0.25	0.40	0.30	0.30	0.40
Storage capacity factor‡	1.25	1.00	0.60	0.80	1.00	2.00	0.70	1.00

\*Based on data in "ASPE Data Book," American Society of Plumbing Engineers, Westlake, Calif.

†Dishwasher requirements should be taken from this table or from manufacturers' data for the model to be used, if this is known.

‡Ratio of storage-tank capacity to probable maximum demand per hour. Storage capacity may be reduced where an unlimited supply of steam is available from street steam system or large boiler plant.