

Table 8 Hot Water Demand per Fixture for Various Types of Building
(Litres of water per hour per fixture, calculated at a final temperature of 60°C)

	Apartment House	Club	Gymnasium	Hospital	Hotel	Industrial Plant	Office Building	Private Residence	School	YMCA
Basins, private lavatory	7,6	7,6	7,6	7,6	7,6	7,6	7,6	7,6	7,6	7,6
Basins, public lavatory	15	23	30	23	30	45,5	23	-	57	30
Bathtubs	76	76	114	76	76	-	-	76		114
Dishwashers ^a	57	190-570	-	190-570	190-760	76-380	-	57	76-380	76-380
Foot basins	11	11	46	11	11	46	-	11	11	46
Kitchen sink	38	76	-	76	114	76	76	38	76	76
Laundry, stationary tubs	76	106	-	106	106	-	-	76	-	106
Pantry sink	19	38	-	38	38	-	38	19	38	38
Showers	114	568	850	284	284	850	114	114	850	850
Service sink	76	76	-	76	114	76	76	57	76	76
Hydrotherapeutic showers				1520						
Hubbard baths				2270						
Leg baths				380						
Arm baths				130						
Sitz baths				114						
Continuous flow baths				625						
Circular wash sinks				76	76	114	76		114	
Semicircular wash sinks				38	38	57	38		57	
DEMAND FACTOR	0,30	0,30	0,40	0,25	0,25	0,40	0,30	0,30	0,40	0,40
STORAGE CAPACITY FACTOR^b	1,25	0,90	1,00	0,60	0,80	1,00	2,00	0,70	1,00	1,00

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

^b Ratio of storage tank capacity to probable maximum demand/hour. Storage capacity may be reduced where an unlimited supply of steam is available from a central street steam system or large boiler plant.